

ALIBABA CLOUD

阿里云

Web应用托管服务
API参考

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 阿里云

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|  警告 | 该类警示信息可能会导致系统重大变更甚至故障，或者导致人身伤害等结果。 |  警告 重启操作将导致业务中断，恢复业务时间约十分钟。 |
|  注意 | 用于警示信息、补充说明等，是用户必须了解的内容。 |  注意 权重设置为0，该服务器不会再接受新请求。 |
|  说明 | 用于补充说明、最佳实践、窍门等，不是用户必须了解的内容。 |  说明 您也可以通过按Ctrl+A选中全部文件。 |
| > | 多级菜单递进。 | 单击设置> 网络> 设置网络类型。 |
| 粗体 | 表示按键、菜单、页面名称等UI元素。 | 在结果确认页面，单击确定。 |
| Courier字体 | 命令或代码。 | 执行 <code>cd /d C:/window</code> 命令，进入Windows系统文件夹。 |
| 斜体 | 表示参数、变量。 | <code>bae log list --instanceid</code> <i>Instance_ID</i> |
| [] 或者 [a b] | 表示可选项，至多选择一个。 | <code>ipconfig [-all -t]</code> |
| { } 或者 {a b} | 表示必选项，至多选择一个。 | <code>switch {active stand}</code> |

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1.API概览

Web应用托管服务提供以下相关API接口。

应用

| API | 描述 |
|--------------------------------------|-------------------------------|
| CreateApplication | 使用CreateApplication创建一个新应用。 |
| DeleteApplication | 调用DeleteApplication删除一个应用。 |
| DescribeApplications | 调用DescribeApplications查询应用信息。 |
| UpdateApplication | 调用UpdateApplication更新应用。 |

存储

| API | 描述 |
|---------------------------------|-------------------------|
| CreateStorage | 调用CreateStorage创建一个存储桶。 |
| DescribeStorage | 调用DescribeStorage查询存储。 |

技术栈

| API | 描述 |
|------------------------------------|-----------------------------|
| DescribeCategories | 调用DescribeCategories查询平台类型。 |
| DescribeStacks | 调用DescribeStacks查询技术栈。 |

部署包版本

| API | 描述 |
|-------------------------------------|-------------------------------|
| DeletePkgVersion | 调用DeletePkgVersion删除一个部署包版本。 |
| DescribePkgVersions | 调用DescribePkgVersions查询部署包版本。 |
| CreatePkgVersion | 调用CreatePkgVersion创建一个部署包版本。 |

部署环境

| API | 描述 |
|--------------------------------------|----------------------------------|
| CreateAppEnv | 调用CreateAppEnv创建一个部署环境。 |
| DeleteAppEnv | 调用DeleteAppEnv删除一个环境。 |
| DescribeAppEnvStatus | 调用DescribeAppEnvStatus查询给定环境的状态。 |

| API | 描述 |
|--|--|
| DescribeAppEnvs | 调用DescribeAppEnvs查询符合条件的部署环境。 |
| UpdateAppEnv | 调用此API更新一个部署环境。 |
| TerminateAppEnv | 调用TerminateAppEnv来终止一个环境。 |
| StopAppEnv | 调用StopAppEnv停止一个部署环境。 |
| DescribeAppEnvInstanceHealth | 调用DescribeAppEnvInstanceHealth查询一个环境内所有ECS实例的健康状态。 |
| StartAppEnv | 调用StartAppEnv启动一个部署环境。 |
| RestartAppEnv | 调用RestartAppEnv重启一个部署环境。 |
| DescribeInstanceHealth | 调用DescribeInstanceHealth查询一个给定ECS实例的健康状态。 |
| RebuildAppEnv | 调用RebuildAppEnv重建一个部署环境。 |
| GatherAppEnvLog | 调用GatherAppEnvLog来收集一个部署环境中指定实例的日志信息。 |
| GatherAppEnvStats | 调用GatherAppEnvStats来收集一个部署环境中的诊断信息。 |
| DescribeEnvResource | 调用DescribeEnvResource查询一个环境内的所有资源。 |
| DescribeGatherLogResult | 调用DescribeGatherLogResult查询一个收集日志的变更信息。 |
| DescribeGatherStatsResult | 调用DescribeGatherStatsResult查询一个收集诊断的变更信息。 |

配置模板

| API | 描述 |
|---|---|
| CreateConfigTemplate | 调用CreateConfigTemplate从一个原有环境来创建一个配置模板。 |
| DeleteConfigTemplate | 调用DeleteConfigTemplate删除一个配置模板。 |
| DescribeConfigTemplates | 调用DescribeConfigTemplates查询配置模板。 |
| UpdateConfigTemplate | 调用UpdateConfigTemplate来更新配置模板。 |

配置

| API | 描述 |
|--|----------------------------------|
| DescribeConfigSettings | 调用DescribeConfigSettings查询配置设置。 |
| DescribeConfigOptions | 调用DescribeConfigOptions查询配置选项信息。 |
| DescribeConfigIndex | 调用DescribeConfigIndex查询配置索引。 |

| API | 描述 |
|---------------------------------------|---------------------------------------|
| ValidateConfigSetting | 调用ValidateConfigSetting来验证一个配置的设置有效性。 |

变更

| API | 描述 |
|---------------------------------|---|
| AbortChange | 使用AbortChange可以中止一次变更。 |
| DeleteChange | 调用DeleteChange删除一个变更。 |
| ResumeChange | 调用ResumeChange来恢复一个被暂停的变更操作。 |
| PauseChange | 调用PauseChange来暂停一个未完成的变更操作。 |
| DescribeChange | 调用DescribeChanges查询给定环境内所有变更信息或给定变更ID的变更信息。 |
| DescribeChanges | 调用DescribeChanges查询所有变更信息或给定环境内所有变更信息。 |

事件

| API | 描述 |
|--------------------------------|-----------------------|
| DescribeEvents | 调用DescribeEvents查询事件。 |

2.调用方式

Web应用托管服务API接口的调用是向Web+的服务端地址发送HTTP请求，并按照接口说明在请求中加入相应请求参数，调用后系统会返回处理结果。请求及返回结果都使用UTF-8字符集进行编码。

服务地址

Web应用托管服务的API接入地址为 *webplus.\${regionId}.aliyuncs.com*。

通信协议

支持通过HTTP或HTTPS协议进行请求通信。为了获得更高的安全性，推荐您使用HTTPS协议发送请求。

请求语法

Web应用托管服务提供RESTful API供您使用，其请求结构如下：

```
HTTPMethod /resource_URI_parameters
RequestHeader
RequestBody
```

其中：

- HTTPMethod：请求使用的方法，包括PUT、POST、GET、DELETE。
- resource_URI_parameters：请求要调用的资源标识符，如 `/cluster`。
- RequestHeader：请求头信息，通常包含API的版本、Host、Authorization等信息。更多信息，请参见[公共请求和返回头](#)。

请求参数由公共请求头和API自定义参数组成。公共请求头中包含API版本号、身份验证等信息。

- RequestBody：请求参数。

示例：

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/application?ServiceCode=webx<公共请求参数>
{
  "AppName","app1",
  "AppDescription","This is an application",
  "CategoryName","Java",
}
```

请求编码

请求及返回结果都使用UTF-8字符集进行编码。

3. 签名机制

为保证API的安全调用，在调用API时阿里云会对每个API请求通过签名（Signature）进行身份验证。无论使用HTTP还是HTTPS协议提交请求，都需要在请求中包含签名信息。

概述

RESTful API需要按如下格式在API请求头（request header）中添加Authorization参数进行签名：

```
Authorization:acs:AccessKeyId:Signature
```

其中：

- acs：Alibaba Cloud Service的缩写，固定标识不可修改。
- AccessKeyId：调用者调用API所用的密钥ID。
- Signature：使用AccessKey Secret对请求进行对称加密的签名。

计算签名

签名算法遵循RFC 2104 HMAC-SHA1规范，使用AccessSecret对编码、排序后的整个请求串计算HMAC值作为签名。签名的元素是请求自身的一些参数，由于每个API请求内容不同，所以签名的结果也不尽相同。

```
Signature = Base64( HMAC-SHA1( AccessSecret, UTF-8-Encoding-Of( StringToSign) ) )
```

完成以下操作，计算签名：

1. 构建待签名字符串。

待签名字符串（StringToSign）是API请求拼装的字符串，用于计算签名，包括：

- HTTP协议Header
- 阿里云协议Header（CanonicalizedHeaders）
- 规范资源（CanonicalizedResource）
- Body

待签名字符串必须按照以下顺序构造：

```
StringToSign =  
//http协议Header  
HTTP-Verb + "\n" +  
Accept + "\n" +  
Content-MD5 + "\n" + //Body的MD5值放在此处  
Content-Type + "\n" +  
Date + "\n" +  
//阿里云协议header(CanonicalizedHeaders)  
CanonicalizedHeaders +  
//签名中如何包含CanonicalizedResource（规范资源）  
CanonicalizedResource
```

示例：原始请求

```
POST /stacks?name=test_alert&status=COMPLETE HTTP/1.1
Host:***.aliyuncs.com
Accept:application/json
Content-MD5:ChDdfwC+Tn874znq7Dw7Q==
Content-Type:application/x-www-form-urlencoded;charset=utf-8
Accept-Encoding:identity
Date:Thu, 22 Feb 2018 07:46:12 GMT
x-acs-signature-method:HMAC-SHA1
x-acs-signature-nonce:550e8400-e29b-41d4-a716-446655440000
x-acs-signature-version:1.0
x-acs-version:2019-03-20
```

示例：待签名字符串

```
POST
application/json
ChDdfwC+Tn874znq7Dw7Q==
application/x-www-form-urlencoded;charset=utf-8
Thu, 22 Feb 2018 07:46:12 GMT
x-acs-signature-method:HMAC-SHA1
x-acs-signature-nonce:550e8400-e29b-41d4-a716-446655440000
x-acs-signature-version:1.0
x-acs-version:2019-03-20
/stacks?name=test_alert&status=COMPLETE
```

2. 添加签名。

将计算好的签名以如下格式添加到请求的Header中：

```
Authorization: acs AccessKeyId:Signature
```

HTTP协议Header

计算签名必须包含一下参数，并按字典顺序排列；若值不存在则以“\n”补齐。

- Accept：客户端需要的返回值类型，取值：`application/json | application/xml`。
- Content-MD5：HTTP协议消息体的128-bit MD5散列值转换成BASE64编码的结果。
- Accept-Encoding：HTTP Header中Accept-Encoding 是浏览器发给服务器，声明浏览器支持的编码类型。
- Content-Type：RFC 2616中定义的HTTP请求内容类型。
- Date：HTTP 1.1协议中规定的GMT时间，例如：Wed, 05 Sep. 2012 23:00:00 GMT。

 说明 不包含key。

示例：原始header

```
Accept:application/json
Content-MD5:ChDdfwC+Tn874znq7Dw7Q==
Content-Type:application/x-www-form-urlencoded;charset=utf-8
Accept-Encoding:identity
Date:Thu, 22 Feb 2018 07:46:12 GMT
```

示例：规范header

```
application/json
ChDfdfwC+Tn874znq7Dw7Q==
application/x-www-form-urlencoded;charset=utf-8
Thu, 22 Feb 2018 07:46:12 GMT
```

阿里云协议Header (CanonicalizedHeaders)

阿里云规范头，非标准HTTP头部信息，是请求中出现的以 `x-acs-` 为前缀的参数。请求中必须包含以下参数：

- `x-acs-signature-nonce`：唯一随机数，用于防止网络重放攻击。在不同请求间要使用不同的随机数值。
- `x-acs-signature-version`：签名版本，取值：`1.0`
- `x-acs-version`：API版本号，请参照各产品的API文档。

完成以下操作，构造阿里云规范头：

1. 将所有以 `x-acs-` 为前缀的HTTP请求头的名字转换成小写字母。如将 `X-acs-OSS-Meta-Name:TaoBao` 转换成 `x-acs-oss-meta-name:TaoBao`。
2. 将上一步得到的所有HTTP阿里云规范头按照字典序进行升序排列。
3. 删除请求头和内容之间分隔符两端出现的任何空格。如将 `x-acs-oss-meta-name: TaoBao,Alipay` 转换成 `x-acs-oss-meta-name:TaoBao,Alipay`。
4. 将所有的头和内容用 “\n” 分隔符分隔拼成最后的CanonicalizedHeaders。

示例：原始header

```
x-acs-signature-nonce:550e8400-e29b-41d4-a716-446655440000
x-acs-signature-method:HMAC-SHA1
x-acs-signature-version:1.0
x-acs-version: 2019-03-20GMT
```

示例：规范header

```
x-acs-signature-nonce:550e8400-e29b-41d4-a716-446655440000
x-acs-signature-method:HMAC-SHA1
x-acs-signature-version:1.0
x-acs-version:2019-03-20
```

规范资源 (CanonicalizedResource)

CanonicalizedResource表示想要访问资源的规范描述，需要将子资源和query参数一同按照字典序，从小到大排列并以 “&” 为分隔符生成子资源字符串（ ? 后的所有参数）。

示例：原始请求

```
/stacks?status=COMPLETE&name=test_alert
```

示例：规范请求

```
/stacks?name=test_alert&status=COMPLETE
```

Body

将请求的body用MD5算法加密，在进行base64编码，将结果添加到Content-MD5中。

4.RAM鉴权

在使用RAM账号调用阿里云API前，需要主账号通过创建授权策略对RAM账号进行授权。

可授权的Web应用托管服务接口

下表列举了Web应用托管服务中可授权的API及其描述方式：

| API | 资源描述 |
|------------------------------|------|
| CreateApplication | * |
| DeleteApplication | * |
| DescribeApplications | * |
| UpdateApplication | * |
| CreateStorage | * |
| DescribeStorage | * |
| DescribeCategories | * |
| DescribeStacks | * |
| DeletePkgVersion | * |
| DescribePkgVersions | * |
| CreatePkgVersion | * |
| CreateAppEnv | * |
| DeleteAppEnv | * |
| DescribeAppEnvStatus | * |
| DescribeAppEnvs | * |
| UpdateAppEnv | * |
| TerminateAppEnv | * |
| StopAppEnv | * |
| DescribeAppEnvInstanceHealth | * |
| StartAppEnv | * |
| RestartAppEnv | * |
| DescribeInstanceHealth | * |

| API | 资源描述 |
|-------------------------|------|
| RebuildAppEnv | * |
| GetAppEnvLog | * |
| GetAppEnvStats | * |
| DescribeEnvResource | * |
| DescribeGetLogResult | * |
| DescribeGetStatsResult | * |
| CreateConfigTemplate | * |
| DeleteConfigTemplate | * |
| DescribeConfigTemplates | * |
| DescribeConfigSettings | * |
| DescribeConfigOptions | * |
| DescribeConfigIndex | * |
| ValidateConfigSetting | * |
| AbortChange | * |
| DeleteChange | * |
| ResumeChange | * |
| PauseChange | * |
| DescribeChange | * |
| DescribeChanges | * |
| DescribeEvents | * |

5. 公共请求和返回头

本文列举了Web应用托管服务的API的公共请求头和公共返回头信息。

公共请求头部

公共请求参数是指每个接口都需要使用到的请求参数。

| 参数名称 | 示例 | 是否必选 | 说明 |
|------------------------|--|------|---|
| Authorization | acs <yourAccessKeyId >: <yourSignature> | 是 | 用于验证请求合法性的认证信息，采用 AccessKeyId:Signature 的形式。 |
| Content-Length | 0 | 是 | RFC 2616 中定义的 HTTP 请求内容长度。 |
| Content-Type | application/json | 是 | RFC 2616 中定义的 HTTP 请求内容类型。 |
| Content-MD5 | 0e30656xxxxxxxxx 0bc6f70bbdfe | 是 | HTTP 协议消息体的 128-bit MD5 散列值转换成 BASE64 编码的结果。为了防止所有请求被篡改，建议所有请求都附加该信息。 |
| Date | Fri, 16 Aug 2019 11:18:47 GMT | 是 | 请求的构造时间，目前只支持 GMT 格式。如果与 MNS 的服务器时间前后差异超过 15 分钟将返回本次请求非法。 |
| Host | webplus.cn- hangzhou.aliyuncs .com | 是 | 请求的服务地址，例如： <i>webplus.cn-hangzhou.aliyuncs.com</i> 。 |
| Accept | application/json | 是 | 客户端需要的返回值类型，支持 <i>application/json</i> 和 <i>application/xml</i> 。 |
| x-acs-version | 1.0 | 是 | API 版本号。目前版本号为 <i>2019-03-20</i> 。 |
| x-acs-region-id | cn-hangzhou | 是 | 地域ID。 |
| x-acs-signature-nonce | f63659d4-10ac- 483b-99da- ea8fde61eae3 | 是 | 唯一随机数，用于防止网络重放攻击。您在不同请求间要使用不同的随机数值。 |
| x-acs-signature-method | HMAC-SHA1 | 是 | 用户签名方式，目前只支持 <i>HMAC-SHA1</i> 。 |

示例

```
GET /pop/v1/wam/appEnv HTTP/1.1
Host: webplus.cn-hangzhou.aliyuncs.com
Accept: application/json
UserAgent : Apache-HttpClient/4.5.7 (Java/1.8.0_152)
x-acs-signature-nonce: f63659d4-10ac-483b-99da-ea8fde61eae3
Authorization: acs <yourAccessKeyId>:<yourSignature>
x-acs-signature-version: 1.0
Date: Fri, 16 Aug 2019 11:18:47 GMT
x-acs-signature-method: HMAC-SHA1
Content-Type: application/json;charset=utf-8
X-Acs-Region-Id: cn-hangzhou
Content-Length: 0
```

公共返回头部

每次接口调用请求，无论成功与否，系统都会返回一个唯一识别码RequestId。调用API服务后返回数据采用统一格式。返回的HTTP状态码为 2xx，代表调用成功；返回的HTTP状态码为 4xx 或 5xx，代表调用失败。

XML 示例：

```
<?xml version="1.0" encoding="UTF-8"?>
<!--结果的根结点-->
<接口名称+Response>
| <!--返回请求标签-->
| <RequestId>4C467B38-3910-447D-87BC-AC049166F216</RequestId>
| <!--返回结果数据-->
</接口名称+Response>
```

JSON 示例：

```
{
  "RequestId": "4C467B38-3910-447D-87BC-AC049166F216"
  /* 返回结果数据 */
}
```

6. 公共错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------------|--|--|
| 400 | AppCategoryNotMatchWithStacks | The application type declared in the application does not match the type of the software stack. Please make sure that the types are consistent and then try again. | 应用中所声明的应用类型与软件栈中的应用类型不匹配，需要确保两边一致后再进行重试。 |
| 403 | AppDeleteNotAllowed | You cannot delete this application. Make sure that all deployment environments in this application are terminated. | 不允许删除该应用，如果该应用下有部署环境，需要确保所有环境均处于“已释放”状态才能删除应用，请检查对应环境的状态后重试。 |
| 400 | AppMismatch | The application specified does not match the application of source object. | 指定的部署环境名与源部署环境的模板不属于同一个应用。 |
| 400 | AppNameUsed | The specified application name already exists in this region. Enter another application name. | 创建应用时所使用的应用名称已被占用，请更换应用名称后重试。应用名在不同的地域下可重名。 |
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用ID没有找到对应的应用。 |
| 404 | AppPackageNotExists | An application deployment package is required to create or update a deployment environment. For the first time of using WebPlus, we recommend that you use a sample project. | 创建或更新一个部署环境时，请选择正确的应用部署包。当您首次使用Web+时，可以选择示例部署包来体验。 |
| 400 | AppPackageOwnedByOthers | The version of the application package used must be consistent with the application to which the environment belongs. | 当创建或更新一个环境的版本信息时，所使用的应用部署包版本必须与环境所属的应用一致。 |
| 400 | AppPackageOwnedByOthers | The version of the deployment package used must be consistent with the application to which the environment belongs. | 当创建或更新一个环境的版本信息时，所使用的应用部署包版本必须与环境所属的应用一致。 |
| 400 | AppUpdateFailed | An error occurred while updating application records. The application may have been deleted or the parameters may be invalid. | 更新应用记录失败，有可能此应用已经被删除或参数有误。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|---|---|
| 401 | AuthMissingEntityid | The specified request object (application, environment, instance, change, software version, or template) ID does not exist. | 请求实体（应用/环境/实例/变更/软件版本/模版）的 ID 不存在，请求非法。 |
| 401 | AuthMissingUid | The request is invalid. The primary account AliyunUID does not exist. | 主账号ID不存在，请求非法。 |
| 400 | BadRequest | The specified request is invalid. It may contain invalid values, characters, or enumerated values. | 请求不合法，可能请求中含有非法的数值、字符、或不符合定义的枚举值等。 |
| 404 | CategoryNotExists | The specified application category does not exist. | 根据所使用的应用类型名称没有找到对应的记录，可能是配置错误或参数错误。 |
| 400 | ChangeActionNameInvalid | The specified change name is invalid. Valid values: Apply, RestartApp, StopApp, StartApp, ReloadProxy, Termination, GatherLog, and GatherStats. | 变更名称枚举不合法，该枚举的取值范围为：Apply, RestartApp, StopApp, StartApp, ReloadProxy, Termination, GatherLog, GatherStats。 |
| 400 | ChangeFinished | An error occurred while stopping the change. The change is already complete. | 放弃变更失败，因为此次变更已经完成。 |
| 404 | ChangeNotExists | The change record could not be found based on the change ID specified, please double confirm the resource is still exists. | 无法根据所指定的变更ID找到变更记录，该记录可能被删除或传入的参数有误。 |
| 400 | ChangeOnAborting | The change is being canceled. Please do not cancel again. | 变更正在被中止，请勿重复操作。 |
| 400 | ChangingAReadonlyConfig | An error occurred while modifying the configuration. You cannot modify a read-only configuration. | 更新配置失败，您不能对设置为只读的配置进行修改。 |
| 400 | ConfigExists | An error occurred while initializing the environment. The corresponding configuration template already exists. The change is terminated to prevent the existing configuration from being flushed. | 初始化环境失败，在初始化环境的配置时，所对应的环境或者模版已经存在相应的配置，为防止覆盖已有的配置，先终止此次变更。 |
| 404 | ConfigIdxNotExists | The configuration index entry does not exist. | 配置索引项没有找到。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|------------------------------|--|---|
| 404 | ConfigOptionNotExists | An error occurred while updating the configuration. The system did not locate the configuration item declared by the key. | 更新配置失败，没能找到对应的Key所声明的配置项。 |
| 400 | ConfigParamInvalid | The request for obtaining the value of configuration index is invalid. Specify either the environment ID or the software stack ID. | 获取配置索引的值的请求不合法，环境ID和软件栈ID必须存在一项。 |
| 400 | ConfigParsingFailed | An error occurred while extracting the corresponding item from the configuration. Please check the configuration and try again. | 从配置中抽取对应项时，出现解析参数项的配置；请认真核对配置，修正后重试。 |
| 400 | ConfigValidationParamInvalid | You must specify at least one of the following parameters: software stack ID, template ID, and environment ID. | 校验配置失败，软件栈ID、模版ID、环境ID必须存在一项。 |
| 400 | CreateCommandFailed | The creation of the cloud assistant command failed. Please check if the cloud assistant's command exceeds the limit. | 创建云助手命令失败，请检查云助手的命令是否超过限制。 |
| 404 | DefaultVpcNotExists | The default VPC in the current Region does not exist. You can manually create a VPC instance on the console and try again. | 没有发现该用户对应地域下的默认VPC，您可通过控制台手动创建一个VPC后重试。 |
| 404 | DefaultVswitchNotExists | The default VSwitch is not found under the corresponding VPC. You can manually specify a VSwitch ID or create a new one through the console and try again. | 在对应的VPC下，没有发现默认的Vswitch，您可以手动指定Vswitch ID或通过控制台创建Vswitch之后重试。 |
| 403 | DeleteEnvNotAllowed | You cannot delete an environment when the environment is abandoning an update, performing a change, or when the status is not "terminated". | 删除应用环境失败，当环境处正在：放弃某次更新、正在执行变更、同时状态不是"终止"时；不允许删除环境的操作。 |
| 404 | DeletingEnvNotExist | Deleting environment failed. The specified environment does not exist. | 删除应用环境失败，将被删除的环境不存在。 |
| 400 | DiskCategoryInvalid | The specified disk category is invalid. | 非法的磁盘类别 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|---------------------------|---|--|
| 400 | DiskSizeInvalid | The specified disk size is invalid. | 非法的数据磁盘大小 |
| 400 | DuplicatedTemplateName | An error occurred while generating an environment configuration template. The specified template name already exists in the application. | 生成环境配置模版失败，在该应用下，您不能使用已经使用过的模版名称。 |
| 400 | EcsLaunchTemplateInvalid | An error occurred while updating the environment configuration. The start template of the specified ECS instance is not found. | 环境配置更新失败，所指定的ECS的启动模版不存在或不可见。 |
| 400 | EcsTagInvalid | The specified ECS Tag field is invalid. Please check the key and the value. Values cannot begin with aliyun, http, or https. | 非法的ECS Tag，请确认tagKey和tagValue均存在，tagKey和tagValue均不支持aliyun、http://和https://开头。tagKey不允许为空，tagValue允许为空字符串。 |
| 400 | EmptyResponse | The returned data is empty. | 返回数据为空。 |
| 400 | EnvContainsNoScalingGroup | The current deployment environment is not bound to an ESS scaling group ID. This may cause an error when a user attempts to scale up the instance. | 当前部署环境没有绑定弹性伸缩服务（ESS）的伸缩组ID，此数据缺失将导致用户实例扩容的失败。 |
| 400 | EnvCreateFailed | An error occurred while creating an environment. | 创建环境失败，在往插入记录时遇到未知错误。 |
| 400 | EnvDeleteFailed | An error occurred while deleting the application environment. This environment may have been deleted, or an error occurred while the server was deleting the environment configuration. | 删除应用环境失败，有可能此环境之前已经被删除；或服务器删除环境配置时发生错误。 |
| 404 | EnvNotExists | The corresponding deploy environment was not found according to the env ID. | 没有找到对应的应用部署环境，请确认此环境是否被删除或参数是否有误。 |
| 404 | EnvNotExists | The specified deployment environment does not exist. Check whether this environment is deleted or whether the parameter is invalid. | 没有找到对应的应用部署环境，请确认此环境是否被删除或参数是否有误。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败，原因是上一个变更正在进行，请等待上一次变更完成后再继续。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------------------------|---|---|
| 404 | EnvTemplateNotExists | When the environment was generated from the template, the corresponding template information was not found; please confirm whether the template was deleted or the parameters passed in were incorrect. | 从模版生成环境时，没有发现对应的模版信息；请确认模版是否被删除或传入的参数有误。 |
| 401 | ESSAuthFailed | An error occurred while creating an ESS scaling group. Go to the RAM console and authorize this primary account with the ESS service role. | 创建ESS伸缩组失败，您需要前往RAM控制台将ESS服务角色授权至此主账号。 |
| 400 | EssScalingExecuteFailed | An error occurred while scaling the cluster by using ESS. This may have been caused by network jitter. | 通过弹性伸缩服务（ESS）进行实例伸缩失败，有可能是网络抖动等其他未知原因引起。 |
| 400 | GatherLogOnTerminatedEnvNotAllowed | It is not allowed to collect logs on an already terminated environment. | 不允许在已经终止的环境上收集日志。 |
| 403 | GatherStatsOnTerminatedEnvNotAllowed | You cannot collect system operation statistics on a terminated environment. | 不允许在已经终止的环境上收集系统运行统计信息。 |
| 400 | InstanceIdParamInvalid | The specified instance ID does not exist. | 实例ID不存在。 |
| 404 | InstanceNotExists | The specified instance does not exist according to the Instance ID declared. The specified instance may have been released or the parameter passed in is invalid. | 根据所声明的实例ID，没有找到对应的实例，有可能所指定的实例已经被释放或参数传入有误。 |
| 400 | InstanceSizeParamInvalid | An error occurred while creating an instance. The number of declared instances must be greater than zero. | 创建实例失败，所声明的实例个数必须大于0。 |
| 400 | InstanceUpdateInvalid | An error occurred while updating the instance status. The specified instance ID is invalid. | 更新实例状态失败，没有找到合法的实例ID。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------------|--|---|
| 400 | InstanceUpdateStatusFailed | An error occurred while updating the data on the database instance. This results in a failure to update the instance status. Please make sure that this instance is still available within the deployed environment. | 更新实例状态失败，原因是更新数据库实例数据失败，请确认此实例是否还在此部署环境之中。 |
| 500 | InternalError | An error occurred while creating a configuration template. A database error may have occurred. | 配置模版创建失败，此处有可能是数据库发生错误。 |
| 500 | InternalError | An error occurred while creating an application version information record. A database error may have occurred. | 应用版本信息记录创建失败，可能为数据库错误。 |
| 500 | InternalError | An error occurred while executing the change. Failed to update the database status for the records of the application environment. | 执行变更失败，针对应用环境的记录更新数据库状态失败。 |
| 500 | InternalError | An error occurred while generating a record of changes. This may have been caused by a database error. | 变更记录生成失败，此处引起的错误可能是数据库引起。 |
| 500 | InternalError | An error occurred while processing your request. Submit a ticket for a solution | Web+网关暂时遇到后端服务短暂的未知错误，这些错误可能由配置、链接、或者后端Bug引起，如果此错误一直出现，请提交工单处理。 |
| 500 | InternalError | An error occurred while updating the application environment. Database entries such as configurations of the application and the environment records may not be updating correctly or they do not exist. | 应用环境更新失败，发生此错误信息，有可能是由于应用的配置、环境记录等数据库记录更新有误或不存在。 |
| 500 | InternalError | An error occurred while WebPlus was attempting to insert a record into the database. The application was not created. | 创建应用失败，当 WebPlus 试图往数据库中插入记录时失败。 |
| 500 | InternalError | The backend service connection timeout, please try again later. | 后端服务地址连接超时，请稍候重试。 |
| 500 | InternalError | The backend service is not reachable, please try again later. | 后端服务地址无法联通，请稍候重试。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|---------------------------|--|---|
| 500 | InternalServerError | The backend service resolved failed, the system may under maintenance, please try again later. | Web+ 网关发现后端服务地址无法找到, 可能系统正在维护; 请稍候再重试此动作。 |
| 500 | InternalServerError | The backend service responded an http error, this request may caused a server error, please try again later. | 后端服务返回了 HTTP 错误, 请确认参数与操作正确后重试此操作。 |
| 400 | ListenPortExists | A listener with the specified port already exists | 所指定的SLB端口已经存在。 |
| 400 | NameDuplicated | The specified name already exists. Please choose a different one. | 设置名称已存在, 请重设一个名称后继续。 |
| 400 | NotAGatherLogAction | The specified change order is not a change that collects logs. | 此变更单ID不是一个收集日志的变更。 |
| 400 | NotAGatherStatsAction | The specified change order is not an order that collects system operational statistics. | 此变更单ID不是一个收集系统运行统计信息的变更。 |
| 400 | OperationFailed | An unknown error occurred while processing your request. Please clear the cache or the cookies of your browser. If the problem still exists, please submit a ticket and provide the RequestId. | 请求遇到未知错误, 如经过清空浏览器缓存/Cookie 等动作重试后依然出现, 请提交工单处理, 同时请提供 RequestId。 |
| 404 | OSSBucketNotExists | No valid OSS Bucket configuration has been found. It may have been deleted, or the parameter passed in is invalid. | 没有发现合法的OSS Bucket配置。有可能Bucket被删除, 或传入的参数有误。 |
| 400 | OSSPathInvalid | The specified OSS path is invalid. For more information about OSS path, see oss://webx-demo/directory/file.json | 非法的OSS路径, OSS路径请参考: oss://webx-demo/directory/file.json |
| 400 | ParameterValidationFailed | An error occurred while verifying the parameter. Please confirm whether the value type, size, and range that you passed in for the request are consistent with the declared values. | 参数校验失败, 请确认请求中的参数传入的值类型、大小、范围等, 是否与所声明的一致。 |
| 400 | PausingFinishedChange | An error occurred while pausing a change. You cannot pause a change that has already been completed. | 暂停变更失败, 您不能针对一个已经完成的变更进行暂停操作。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------------|--|---|
| 400 | PausingPausedChange | An error occurred while pausing a change. You cannot pause a change that has already been paused. | 暂停变更失败，您不能针对一个已经暂停的变更进行暂停操作。 |
| 403 | PermissionDenied | Your request is denied. You do not have access to the requested resources. If you are sure that the specified resource belongs to the current primary account, ask the primary account owner to perform a RAM authorization first and try again. | 请求拒绝，您对所请求的资源没有发起访问的权限；如确认此资源是属于当前主账号的资源，请联系主账号对此资源进行 RAM 授权后重试此操作。 |
| 400 | ProfileNameInvalid | The specified cluster type in the template is invalid. Valid values: Default, StandAlone, and HighAvailability. | 启动模版的集群类型名称不合法，该枚举的取值范围为：Default, StandAlone, HighAvailability. |
| 400 | RemoveInstanceParamInvalid | An error occurred while releasing an instance. The number of instances to be released need to be greater than zero or the instance ID cannot be empty. | 释放实例失败，需要被释放的实例数必须大于 0 或实例 ID 不能为空。 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | ResumingANotPausedChange | An error occurred while restarting a change. You cannot restart a change that is not paused. | 重启变更失败，您不能针对一个没有暂停的变更进行重启操作。 |
| 400 | ResumingFinishedChange | An error occurred while restarting a change. You cannot restart a change that has already been completed. | 重启变更失败，您不能针对一个已经完成的变更进行重启操作。 |
| 404 | ScalingGroupNotExists | An error occurred while obtaining the scaling group rule of the Auto Scaling service (ESS). The scaling group may have been deleted or the parameters may be invalid. | 获取弹性伸缩服务（ESS）伸缩组规则失败，有可能此伸缩组被删除或参数有误。 |
| 404 | SecurityGroupNotExists | An error occurred while updating the environment configuration. The specified security group does not exist. | 环境配置更新失败，所指定的安全组不存在。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-----------------------------|---|---|
| 400 | SecurityGroupVpcNotMatch | An error occurred while updating the environment configuration. The VPC in which the specified security group is located does not match the VPC in which the instance is located. | 环境配置更新失败，所指定的安全组所在的 VPC 与实例所在的 VPC 不匹配。 |
| 400 | SlbRuleInvalid | The SLB forwarding rule does not permit an empty domain name with a root path of /. | SLB 转发规则不允许域名为空，同时路径为根路径 (/)。 |
| 404 | SourceEnvNotExists | The source environment information does not exist while cloning from a deployment environment. Please check whether the environment is deleted or with wrong parameter. | 克隆环境时，发现源环境信息不存在，请确认是否被删除或传入的参数有误。 |
| 404 | SourceTemplateNotExists | An error occurred while building an environment, because the declared template ID does not exist. | 从模版生成环境失败，原因是所声明的模版ID不存在 |
| 400 | StackContainsNoConfigOption | An error occurred while modifying the configuration. The corresponding software stack does not contain any configuration items. | 配置变更失败，对应的软件栈不包含任何的配置项。 |
| 404 | StackNotExists | The declared software stack information does not exist. | 创建应用或更新应用环境时，所声明的软件栈信息不存在。 |
| 400 | StartMovingFailed | An error occurred while executing a change. Update failed when calculating the configurations and resources. | 开始执行变更失败，当进入到资源规则匹配的计算时，后台出现更新失败。 |
| 403 | StatusNotAllowedRebuild | You can only rebuild a terminated environment or an environment that failed to be rebuilt. | 应用环境重建只能针对两种状态进行：已终止或上次执行失败。其他状态不允许重建的操作。 |
| 403 | StatusNotAllowedRestart | Only a running environment or a terminated environment can be restarted. | 应用环境重启只能针对两种状态进行：运行中或停止；其他状态不允许重启操作 |
| 403 | StatusNotAllowedStart | A start action can only be made to an environment that is already stopped. An environment with other status cannot be started. | 应用启动只能针对已经停止的应用环境状态进行，其他状态不允许启动。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------------|--|--|
| 403 | StatusNotAllowedStop | A stop action can only be made to an environment that is already running. An environment with other status cannot be stopped. | 应用停止只能针对已经在运行中的环境状态进行，其他状态不允许应用停止。 |
| 403 | StatusNotAllowedTerminated | A terminate action cannot be performed on an environment that has already terminated. | 不能对已经终止的环境执行应用终止操作。 |
| 404 | TemplateNotExists | An error occurred while updating the configuration. No corresponding configuration template instance was found. | 更新配置失败，没有找到相应的配置模板实例。 |
| 401 | TenantInvalid | The system did not find a username based on AliyunUID. | 根据Aliyunuid没有获取到用户名。 |
| 400 | VersionLabelExists | An error occurred while creating an application version. The version name already exists. Please use a different name and try again. | 创建应用版本失败，版本名称已经存在，请更换版本名称后重试此次操作。 |
| 403 | VpcNotAllowedUpdate | You are not allowed to modify the VPC ID against an unterminated environment. Please terminate it before continuing this operation. | 未终止的环境不允许修改VPC ID，请先终止环境后再继续此项操作。 |
| 404 | VPCNotExists | An error occurred while changing the environment configuration. The specified VPC instance does not exist according to the specified VPC ID. | 变更环境配置失败，根据所指定的VPC ID没有查询得到相应的VPC实例。 |
| 404 | VSwitchNotExists | An error occurred while changing the environment configuration. The specified VSwitch does not exist according to the specified VSwitch ID. | 变更环境配置失败，根据所指定的VSwitch ID没有查询得到指定的VSwitch实例。 |

访问[错误中心](#)查看更多错误码。

7.应用

7.1. CreateApplication

使用CreateApplication创建一个新应用。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/application HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------------------|---------|------|------------------------|-------------|
| AppName | String | 否 | app1 | 新建应用的名称 |
| AppDescription | String | 否 | This is an application | 应用描述信息 |
| CategoryName | String | 否 | Java | 新建应用的平台类型 |
| UsingSharedStorage | Boolean | 否 | true | 是否使用共享OSS存储 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|-----------------------------|--------|
| Application | Struct | | 应用信息 |
| AppDescription | String | This is an application | 应用描述信息 |
| AppId | String | wa-5d3ea7cf2977ca5251e***** | 应用ID |
| AppName | String | newApplication | 应用名称 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------------|---------|--------------------------------------|--------------------|
| CategoryName | String | Java | 应用类型 |
| CreateTime | Long | 1562333864469 | 应用创建时间 |
| CreateUsername | String | userName | 应用创建者 |
| UpdateTime | Long | 1562333864469 | 应用上次更新时间 |
| UpdateUsername | String | userName | 应用上次更新者 |
| UsingSharedStorage | Boolean | true | 是否使用共享OSS存储 |
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | BFD4C1BA-897D-4306-A79D-4D20D7E***** | 请求ID |

示例

请求示例

```
POST /pop/v1/wam/application HTTP/1.1
公共请求头
```

正常返回示例

XML 格式

```
<Message>success</Message>
<RequestId>27BE2428-060D-47DB-8A3C-CD86A53*****</RequestId>
<Application>
  <UpdateUsername>yourUsername</UpdateUsername>
  <AppDescription>app desc</AppDescription>
  <AppId>wa-5d3ea7cf2977ca5251e*****</AppId>
  <CreateTime>1564387279787</CreateTime>
  <UpdateTime>1564387279787</UpdateTime>
  <CategoryName>Java</CategoryName>
  <CreateUsername>yourUsername</CreateUsername>
  <AppName>newApplication</AppName>
  <UsingSharedStorage>true</UsingSharedStorage>
</Application>
<Code>OK</Code>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "27BE2428-060D-47DB-8A3C-CD86A53*****",
  "Application": {
    "UpdateUsername": "yourUsername",
    "AppDescription": "app desc",
    "AppId": "wa-5d3ea7cf2977ca5251e*****",
    "CreateTime": 1564387279787,
    "UpdateTime": 1564387279787,
    "CategoryName": "Java",
    "CreateUsername": "yourUsername",
    "AppName": "newApplication",
    "UsingSharedStorage": true
  },
  "Code": "OK"
}
```


错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------|---|---|
| 404 | CategoryNotExists | The specified application category does not exist. | 根据所使用的应用类型名称没有找到对应的记录，可能是配置错误或参数错误。 |
| 400 | AppNameUsed | The specified application name already exists in this region. Enter another application name. | 创建应用时所使用的应用名称已被占用，请更换应用名称后重试。应用名在不同的地域下可重名。 |

访问[错误中心](#)查看更多错误码。

7.2. DeleteApplication

调用DeleteApplication删除一个应用。

 **说明** 删除应用前需保证应用内所部署的所有环境均已处于已终止状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
DELETE /pop/v1/wam/application HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------|--------|------|-----------------------------|-------------|
| Applid | String | 是 | wa-5d1af9c802470221ab7***** | 应用ID，将删除此应用 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|---------------------|
| RequestId | String | ED18C0F9-D542-4EE0-A3EE-BD71A6A***** | 请求ID |
| Code | String | OK | 响应代码，若成功，则返回OK |
| Message | String | success | 响应消息，若成功，则返回success |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/application?ServiceCode=webx&Id=wa-5d243437f314934e2a*****&<公共请求参数>
```

正常返回示例

XML 格式


```
<DeleteApplicationResponse>
  <Message>success</Message>
  <RequestId>ED18C0F9-D542-4EE0-A3EE-BD71A6A*****</RequestId>
  <Code>OK</Code>
</DeleteApplicationResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "ED18C0F9-D542-4EE0-A3EE-BD71A6A*****",
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------|---|--|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 403 | AppDeleteNotAllowed | You cannot delete this application. Make sure that all deployment environments in this application are terminated. | 不允许删除该应用，如果该应用下有部署环境，需要确保所有环境均处于“已释放”状态才能删除应用，请检查对应环境的状态后重试。 |
| 404 | DeletingEnvNotExists | Deleting environment failed. The specified environment does not exist. | 删除应用环境失败，将被删除的环境不存在。 |
| 400 | EnvDeleteFailed | An error occurred while deleting the application environment. This environment may have been deleted, or an error occurred while the server was deleting the environment configuration. | 删除应用环境失败，有可能此环境之前已经被删除；或服务器删除环境配置时发生错误。 |

访问[错误中心](#)查看更多错误码。

7.3. DescribeApplications

调用DescribeApplications查询应用信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/application HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|---------|------|-----------------------------|--------------------------------------|
| AppId | String | 否 | wa-5d1af9c802470221ab7***** | 应用ID, 查询特定应用信息 |
| PageSize | Integer | 否 | 10 | 查询页面大小 |
| PageNumber | Integer | 否 | 1 | 查询页面数 |
| AppName | String | 否 | appTest | 应用名称, 查询此名称的应用 |
| AppSearch | String | 否 | appSearch | 查询的应用名关键字, 若应用名称包含此关键字, 则返回此应用的关键字 |
| EnvSearch | String | 否 | testEnv | 搜索应用中环境名的关键字, 若应用中的环境名包含此关键字, 则返回此应用 |
| StackSearch | String | 否 | Java | 栈类型搜索 |
| CategorySearch | String | 否 | Java | 技术栈分类 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|-----------------------------|------|
| Applications | Array | | 应用列表 |
| Application | | | |
| AppDescription | String | This is an application. | 应用描述 |
| AppId | String | wa-5d1af9c802470221ab7***** | 应用ID |
| AppName | String | appName | 应用名称 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------------|---------|--------------------------------------|--------------------|
| CategoryName | String | Java | 应用类型 |
| CreateTime | Long | 1562226969419 | 应用创建时间 |
| CreateUsername | String | webx-test | 应用创建者 |
| RunningEnvs | Integer | 2 | 运行中的环境数量 |
| TerminatedEnvs | Integer | 0 | 已终止的环境数量 |
| TotalEnvs | Integer | 2 | 应用中总环境数量 |
| UpdateTime | Long | 1562226969419 | 应用上次更新时间 |
| UpdateUsername | String | webx-test | 应用上次更新者 |
| UsingSharedStorage | String | true | 使用OSS共享存储空间 |
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 1 | 查询页面数量 |
| PageSize | Integer | 20 | 查询页面大小 |
| RequestId | String | 132BF104-A660-40C7-936B-F805967***** | 请求ID |
| TotalCount | Integer | 1 | 查询结果总数 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/application?PageSize=20&EnvSearch=test?<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeApplicationsResponse>
  <PageNumber>1</PageNumber>
  <TotalCount>1</TotalCount>
  <Message>success</Message>
  <PageSize>20</PageSize>
  <RequestId>761C51B0-9026-4659-989C-7AFDFEE*****</RequestId>
  <Applications>
    <Application>
      <CategoryName>Java</CategoryName>
      <UpdateUsername>user1</UpdateUsername>
      <CreateUsername>user1</CreateUsername>
      <CreateTime>1562048968834</CreateTime>
      <AppId>wa-5d1af9c802470221ab7*****</AppId>
      <TotalEnvs>2</TotalEnvs>
      <UpdateTime>1562048968834</UpdateTime>
      <AppDescription></AppDescription>
      <AppName>test</AppName>
      <TerminatedEnvs>0</TerminatedEnvs>
      <RunningEnvs>2</RunningEnvs>
    </Application>
  </Applications>
  <Code>OK</Code>
</DescribeApplicationsResponse>
```

JSON 格式

```
{
  "TotalCount": 1,
  "Message": "success",
  "PageSize": 20,
  "RequestId": "00C3CEDB-9E1B-4872-985E-BB2B7D6*****",
  "Applications": {
    "Application": [
      {
        "UpdateUsername": "user1",
        "AppDescription": "",
        "TerminatedEnvs": 0,
        "AppId": "wa-5d1af9c802470221ab7*****",
        "CreateTime": 1562048968834,
        "TotalEnvs": 2,
        "UpdateTime": 1562048968834,
        "CategoryName": "Java",
        "CreateUsername": "user1",
        "AppName": "test",
        "RunningEnvs": 2
      }
    ]
  },
  "PageNumber": 1,
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

7.4. UpdateApplication

调用UpdateApplication更新应用。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
PUT /pop/v1/wam/application HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----|----|------|-----|----|
|----|----|------|-----|----|

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|--------|------|-------------------------------|-----------------|
| AppId | String | 是 | wa-5d1af9c802470221ab7***** | 应用ID, 将更新此应用的信息 |
| AppDescription | String | 否 | This is a updated Description | 应用描述信息 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|--------------------------------------|---------------------|
| Application | | | 返回的应用信息数据 |
| AppDescription | String | This is a updated Description | 应用描述 |
| AppId | String | wa-5d1af9c802470221ab7***** | 应用ID |
| AppName | String | user1 | 应用名称 |
| CategoryName | String | Java | 应用类型 |
| CreateTime | Long | 1562048968834 | 应用创建时间 |
| CreateUsername | String | user1 | 应用创建者 |
| UpdateTime | Long | 1564139945132 | 应用最后更新时间 |
| UpdateUsername | String | user1 | 应用最后更新者 |
| Code | String | OK | 响应代码, 若成功请求为OK |
| Message | String | success | 响应消息, 若成功请求为success |
| RequestId | String | 18A1F87E-591D-4491-90D5-2B101FA***** | 请求ID |

示例

请求示例

```

http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/application<<公共请求参数>
{
  "AppId":"wa-5d1af9c802470221ab7*****",
  "AppDescription":"This is a updated Description"
}

```

正常返回示例

XML 格式

```

<UpdateApplicationResponse>
  <Message>success</Message>
  <RequestId>FBE82ECD-4200-4390-BEAC-B1CCF14*****</RequestId>
  <Application>
    <CategoryName>Java</CategoryName>
    <UpdateUsername>user1</UpdateUsername>
    <CreateUsername>user1</CreateUsername>
    <CreateTime>1562048968834</CreateTime>
    <AppId>wa-5d1af9c802470221ab7*****</AppId>
    <AppDescription>This is a updated Description</AppDescription>
    <UpdateTime>1564139945498</UpdateTime>
    <AppName>user1</AppName>
  </Application>
  <Code>OK</Code>
</UpdateApplicationResponse>

```

JSON 格式

```

{
  "Message":"success",
  "Application":{
    "CategoryName":"Java",
    "UpdateUsername":"user1",
    "CreateUsername":"user1",
    "CreateTime":1562048968834,
    "AppId":"wa-5d1af9c802470221ab7*****",
    "UpdateTime":1564139945132,
    "AppDescription":"This is a updated Description",
    "AppName":"user1"
  },
  "RequestId":"DBF81777-FD55-4A42-818F-FBC2F3E*****",
  "Code":"OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------|--|--------------------|
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用 ID 没有找到对应的应用。 |

访问[错误中心](#)查看更多错误码。

8. 存储

8.1. CreateStorage

调用CreateStorage创建一个存储桶。

需要先开通OSS服务才能创建存储，具体见 <https://oss.console.aliyun.com>

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/storage HTTP/1.1
```

请求参数

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|------------|--------|--|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | E61A371C-53D9-4F66-A90E-4FC09EE***** | 请求ID |
| Storage | | | 存储桶信息 |
| BucketName | String | webplus-cn-shenzhen-s-5d01fab421ed1528121***** | 存储桶的bucket名 |
| CreateTime | Long | 1564388637126 | 存储桶创建时间 |
| UpdateTime | Long | 1564388637126 | 上次更新时间 |

示例

请求示例

http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/storage?ServiceCode=webx<公共请求参数>

正常返回示例

XML 格式

```
<CreateStorageResponse>
  <Storage>
    <BucketName>webplus-cn-shenzhen-s-5d01fab421ed1528121*****</BucketName>
    <CreateTime>1564388637551</CreateTime>
    <UpdateTime>1564388637551</UpdateTime>
  </Storage>
  <Message>success</Message>
  <RequestId>3373E77A-9FDF-4B7F-981F-17C2446*****</RequestId>
  <Code>OK</Code>
</CreateStorageResponse>
```

JSON 格式

```
{
  "Storage":{
    "BucketName":"webplus-cn-shenzhen-s-5d01fab421ed1528121*****",
    "CreateTime":1564388637126,
    "UpdateTime":1564388637126
  },
  "Message":"success",
  "RequestId":"E229C81C-2315-46B0-A5D7-3C2BA73*****",
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|------------------|--|---|
| 400 | OSSDisabled | You have not activated the OSS service and cannot use the WebPlus service. Please go to the OSS console (https://oss.console.aliyun.com) to activate OSS and try again. | 您没有开通 OSS 服务，不能使用 WebPlus 服务，请前往 OSS 控制台 (https://oss.console.aliyun.com) 开通后重试。 |
| 400 | OSSApiCallFailed | When initializing applications, updating configurations, or destroying applications, WebPlus attempts to communicate with OSS through API communication. An OSS service throw error occurred. The bucket or the file does not exist. | 在初始化应用、更新配置、以及销毁应用时，WebPlus 尝试与 OSS 进行 API 通信出现 OSS 服务抛出的异常，如 bucket 不存在、文件不存在等。 |

访问[错误中心](#)查看更多错误码。

8.2. DescribeStorage

调用DescribeStorage查询存储。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/storage HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------------------|---------|------|------|-------------|
| UsingSharedStorage | Boolean | 否 | true | 是否使用共享OSS存储 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|------------|--------|--|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 49C3DE38-ABA2-4369-BED2-CBD1D***** | 请求ID |
| Storage | Struct | | 存储描述信息 |
| BucketName | String | webplus-cn-shenzhen-s-5d01fab421e*****121***** | 存储的bucket名称 |
| CreateTime | Long | 1560410804957 | 存储创建时间 |
| KeyPrefix | String | pkgTemp | 存储路径前缀 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------|--------|-----------------------------------|----------------|
| PkgKeyPrefix | String | f29a318c780***** **3ec19ece615 | 存储路径用户uid前缀md5 |
| UpdateTime | Long | 1560410804957 | 存储最后更新时间 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/storage<公共请求参数>
```

正常返回示例

XML 格式

```
<Storage>
  <BucketName>webplus-cn-shenzhen-s-5d01fab*****2105691</BucketName>
  <CreateTime>1560410804957</CreateTime>
  <UpdateTime>1560410804957</UpdateTime>
  <KeyPrefix>pkgTemp</KeyPrefix>
  <PkgKeyPrefix>f29a318c780*****3ec19ece615</PkgKeyPrefix>
</Storage>
<Message>success</Message>
<RequestId>76818DD9-BBD6-4E66-9D23-2ED8*****914</RequestId>
<Code>OK</Code>
```

JSON 格式

```
{
  "Storage": {
    "BucketName": "webplus-cn-shenzhen-s-5d01fab*****2105691",
    "CreateTime": 1560410804957,
    "UpdateTime": 1560410804957,
    "KeyPrefix": "pkgTemp",
    "PkgKeyPrefix": "f29a318c780*****3ec19ece615"
  },
  "Message": "success",
  "RequestId": "76818DD9-BBD6-4E66-9D23-2ED8*****914",
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

9.技术栈

9.1. DescribeCategories

调用DescribeCategories查询平台类型。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/category HTTPS|HTTP
```

请求参数

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|---------------------|--------|--|----------|
| Categories | Array | | 平台类型查询结果 |
| Category | | | |
| CategoryDescription | String | Use Tomcat as an application container, support for WAR or ZIP type application deployment packages. | 类型描述信息 |
| CategoryId | String | wca-5c937c98a9c0296d0c4823912 | 类型ID |
| CategoryLogo | String | http://tomcat.apache.org/res/images/tomcat.png | 类型LOGO |
| CategoryName | String | Tomcat | 类型名称 |
| CreateTime | String | 1553218065000 | 平台类型创建时间 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------------|--------|--|--------------------|
| DemoProjects | Array | | 样例项目 |
| DemoProject | | | |
| PackageDownloadUrl | String | http://webplus-prod-cn-shenzhen.oss-cn-shenzhen.aliyuncs.com/quickstart/java/first-step/webplus-demo-java-0.1.0-SNAPSHOT.jar | 资源包下载地址 |
| PackageUrl | String | oss://webplus-prod-cn-shenzhen/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war | 资源包URL地址 |
| RegionId | String | cn-shenzhen | 环境所在地域 |
| SourceUrl | String | https://github.com/aliyun/alibabacloud-webplus-demo-tomcat | 源码地址 |
| UpdateTime | String | 1553218065000 | 平台类型更新时间 |
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 6E99F8E3-7493-4ADA-A27B-2DFF2C693555 | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/category?ServiceCode=webx<公共请求参数>
```

正常返回示例

XML 格式

```

<DescribeCategoriesResponse>
  <Message>success</Message>
  <RequestId>2EF90744-064A-4841-B9E3-6B0D7AE6785A</RequestId>
  <Code>OK</Code>
  <Categories>
    <Category>
      <CategoryName>Tomcat</CategoryName>
      <CategoryId>wca-5c937c98a9c0296d0c4823912</CategoryId>
      <CategoryDescription>Use Tomcat as an application container, support for WAR or ZIP type applicatio
n deployment packages.</CategoryDescription>
      <DemoProjects>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-tomcat-demo</SourceUrl>
          <RegionId>cn-shenzhen</RegionId>
          <PackageUrl>oss://webplus-prod-cn-shenzhen/quickstart/tomcat/first-step/webplus-tomcat-dem
o-0.1.1.war</PackageUrl>
        </DemoProject>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-tomcat-demo</SourceUrl>
          <RegionId>cn-zhangjiakou</RegionId>
          <PackageUrl>oss://webplus-prod-cn-zhangjiakou/quickstart/tomcat/first-step/webplus-tomcat-de
mo-0.1.1.war</PackageUrl>
        </DemoProject>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-tomcat-demo</SourceUrl>
          <RegionId>cn-beijing</RegionId>
          <PackageUrl>oss://webplus-prod-cn-beijing/quickstart/tomcat/first-step/webplus-tomcat-demo-0.
1.1.war</PackageUrl>
        </DemoProject>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-tomcat-demo</SourceUrl>
          <RegionId>cn-shanghai</RegionId>
          <PackageUrl>oss://webplus-prod-cn-shanghai/quickstart/tomcat/first-step/webplus-tomcat-demo
-0.1.1.war</PackageUrl>
        </DemoProject>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-tomcat-demo</SourceUrl>
          <RegionId>cn-hangzhou</RegionId>
          <PackageUrl>oss://webplus-prod-cn-hangzhou/quickstart/tomcat/first-step/webplus-tomcat-dem
o-0.1.1.war</PackageUrl>
        </DemoProject>
      </DemoProjects>
      <CategoryLogo>http://tomcat.apache.org/res/images/tomcat.png</CategoryLogo>
      <CreateTime>1553218065000</CreateTime>
      <UpdateTime>1553218065000</UpdateTime>
    </Category>
    <Category>
      <CategoryName>Java</CategoryName>
      <CategoryId>wca-6c937c98a9c0296d0c4823912</CategoryId>
      <CategoryDescription>Direct startup using Java commands, support for FatJAR or ZIP type applicatio
n deployment packages.</CategoryDescription>
      <DemoProjects>
        <DemoProject>
          <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-java-demo</SourceUrl>
          <RegionId>cn-shanghai</RegionId>
          <PackageUrl>oss://webplus-prod-cn-shanghai/quickstart/java/first-step/webplus-java-demo-0.1.1.war</PackageUrl>
        </DemoProject>
      </DemoProjects>
    </Category>
  </Categories>

```

```

    <RegionId>cn-shenzhen</RegionId>
    <PackageUrl>oss://webplus-prod-cn-shenzhen/quickstart/java/first-step/webplus-java-demo-0.1.1
-exec.jar</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-java-demo</SourceUrl>
    <RegionId>cn-zhangjiakou</RegionId>
    <PackageUrl>oss://webplus-prod-cn-zhangjiakou/quickstart/java/first-step/webplus-java-demo-0.
1.1-exec.jar</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-java-demo</SourceUrl>
    <RegionId>cn-beijing</RegionId>
    <PackageUrl>oss://webplus-prod-cn-beijing/quickstart/java/first-step/webplus-java-demo-0.1.1-ex
ec.jar</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-java-demo</SourceUrl>
    <RegionId>cn-shanghai</RegionId>
    <PackageUrl>oss://webplus-prod-cn-shanghai/quickstart/java/first-step/webplus-java-demo-0.1.1-
exec.jar</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-java-demo</SourceUrl>
    <RegionId>cn-hangzhou</RegionId>
    <PackageUrl>oss://webplus-prod-cn-hangzhou/quickstart/java/first-step/webplus-java-demo-0.1.1
-exec.jar</PackageUrl>
  </DemoProject>
</DemoProjects>
<CategoryLogo>https://openjdk.java.net/images/duke-thinking.png</CategoryLogo>
<CreateTime>1553218065000</CreateTime>
<UpdateTime>1553218065000</UpdateTime>
</Category>
<Category>
  <CategoryName>Node.js</CategoryName>
  <CategoryId>wca-7c937c98a9c0296d0c4823912</CategoryId>
  <CategoryDescription>The Node.js application supports ZIP-type application deployment packages.</
CategoryDescription>
  <DemoProjects>
    <DemoProject>
      <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-node-demo</SourceUrl>
      <RegionId>cn-shenzhen</RegionId>
      <PackageUrl>oss://webplus-prod-cn-shenzhen/quickstart/node/first-step/webplus-node-demo-0.1
.0.zip</PackageUrl>
    </DemoProject>
    <DemoProject>
      <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-node-demo</SourceUrl>
      <RegionId>cn-zhangjiakou</RegionId>
      <PackageUrl>oss://webplus-prod-cn-zhangjiakou/quickstart/node/first-step/webplus-node-demo-
0.1.0.zip</PackageUrl>
    </DemoProject>
    <DemoProject>
      <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-node-demo</SourceUrl>
      <RegionId>cn-beijing</RegionId>
      <PackageUrl>oss://webplus-prod-cn-beijing/quickstart/node/first-step/webplus-node-demo-0.1.0

```



```

    <PackageUrl>oss://webplus-prod-cn-beijing/quickstart/node/first-step/webplus-node-demo-0.1.0.
zip</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-node-demo</SourceUrl>
    <RegionId>cn-shanghai</RegionId>
    <PackageUrl>oss://webplus-prod-cn-shanghai/quickstart/node/first-step/webplus-node-demo-0.1.
0.zip</PackageUrl>
  </DemoProject>
  <DemoProject>
    <SourceUrl>https://github.com/aliyun/alibabacloud-webplus-node-demo</SourceUrl>
    <RegionId>cn-hangzhou</RegionId>
    <PackageUrl>oss://webplus-prod-cn-hangzhou/quickstart/node/first-step/webplus-node-demo-0.
1.0.zip</PackageUrl>
  </DemoProject>
</DemoProjects>
<CategoryLogo>http://tomcat.apache.org/res/images/tomcat.png</CategoryLogo>
<CreateTime>1553218065000</CreateTime>
<UpdateTime>1553218065000</UpdateTime>
</Category>
</Categories>
</DescribeCategoriesResponse>

```

JSON 格式

```

{
  "Message": "success",
  "RequestId": "20A72DF0-F63D-4763-BBCA-1999AAA9693D",
  "Categories": {
    "Category": [
      {
        "CategoryId": "wca-5c937c98a9c0296d0c4823912",
        "DemoProjects": {
          "DemoProject": [
            {
              "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-tomcat-demo",
              "PackageUrl": "oss://webplus-prod-cn-shenzhen/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war",
              "RegionId": "cn-shenzhen"
            },
            {
              "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-tomcat-demo",
              "PackageUrl": "oss://webplus-prod-cn-zhangjiakou/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war",
              "RegionId": "cn-zhangjiakou"
            },
            {
              "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-tomcat-demo",
              "PackageUrl": "oss://webplus-prod-cn-beijing/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war",
              "RegionId": "cn-beijing"
            },
            {
              "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-tomcat-demo",

```

```

    "PackageUrl":"oss://webplus-prod-cn-shanghai/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war",
    "RegionId":"cn-shanghai"
  },
  {
    "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-tomcat-demo",
    "PackageUrl":"oss://webplus-prod-cn-hangzhou/quickstart/tomcat/first-step/webplus-tomcat-demo-0.1.1.war",
    "RegionId":"cn-hangzhou"
  }
]
},
"CategoryLogo":"http://tomcat.apache.org/res/images/tomcat.png",
"CreateTime":1553218065000,
"UpdateTime":1553218065000,
"CategoryName":"Tomcat",
"CategoryDescription":"Use Tomcat as an application container, support for WAR or ZIP type application deployment packages."
},
{
  "CategoryId":"wca-6c937c98a9c0296d0c4823912",
  "DemoProjects":{
    "DemoProject":[
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-java-demo",
        "PackageUrl":"oss://webplus-prod-cn-shenzhen/quickstart/java/first-step/webplus-java-demo-0.1.1-exec.jar",
        "RegionId":"cn-shenzhen"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-java-demo",
        "PackageUrl":"oss://webplus-prod-cn-zhangjiakou/quickstart/java/first-step/webplus-java-demo-0.1.1-exec.jar",
        "RegionId":"cn-zhangjiakou"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-java-demo",
        "PackageUrl":"oss://webplus-prod-cn-beijing/quickstart/java/first-step/webplus-java-demo-0.1.1-exec.jar",
        "RegionId":"cn-beijing"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-java-demo",
        "PackageUrl":"oss://webplus-prod-cn-shanghai/quickstart/java/first-step/webplus-java-demo-0.1.1-exec.jar",
        "RegionId":"cn-shanghai"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-java-demo",
        "PackageUrl":"oss://webplus-prod-cn-hangzhou/quickstart/java/first-step/webplus-java-demo-0.1.1-exec.jar",
        "RegionId":"cn-hangzhou"
      }
    ]
  }
}

```

```
},
  "CategoryLogo":"https://openjdk.java.net/images/duke-thinking.png",
  "CreateTime":1553218065000,
  "UpdateTime":1553218065000,
  "CategoryName":"Java",
  "CategoryDescription":"Direct startup using Java commands, support for FatJAR or ZIP type application
deployment packages."
},
{
  "CategoryId":"wca-7c937c98a9c0296d0c4823912",
  "DemoProjects":{
    "DemoProject":[
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-node-demo",
        "PackageUrl":"oss://webplus-prod-cn-shenzhen/quickstart/node/first-step/webplus-node-demo-0.1.
0.zip",
        "RegionId":"cn-shenzhen"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-node-demo",
        "PackageUrl":"oss://webplus-prod-cn-zhangjiakou/quickstart/node/first-step/webplus-node-demo-0.
1.0.zip",
        "RegionId":"cn-zhangjiakou"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-node-demo",
        "PackageUrl":"oss://webplus-prod-cn-beijing/quickstart/node/first-step/webplus-node-demo-0.1.0.zi
p",
        "RegionId":"cn-beijing"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-node-demo",
        "PackageUrl":"oss://webplus-prod-cn-shanghai/quickstart/node/first-step/webplus-node-demo-0.1.0
.zip",
        "RegionId":"cn-shanghai"
      },
      {
        "SourceUrl":"https://github.com/aliyun/alibabacloud-webplus-node-demo",
        "PackageUrl":"oss://webplus-prod-cn-hangzhou/quickstart/node/first-step/webplus-node-demo-0.1.
0.zip",
        "RegionId":"cn-hangzhou"
      }
    ]
  },
  "CategoryLogo":"http://tomcat.apache.org/res/images/tomcat.png",
  "CreateTime":1553218065000,
  "UpdateTime":1553218065000,
  "CategoryName":"Node.js",
  "CategoryDescription":"The Node.js application supports ZIP-type application deployment packages."
}
]
},
"Code":"OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

9.2. DescribeStacks

调用DescribeStacks查询技术栈。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/stack HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-----------------|---------|------|------|-----------|
| CategoryName | String | 否 | Java | 技术栈类型名称 |
| PageNumber | Integer | 否 | 1 | 查询页面数 |
| PageSize | Integer | 否 | 10 | 查询页面大小 |
| RecommendedOnly | Boolean | 否 | true | 仅查询推荐的技术栈 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|------------|---------|---------|--------------------|
| PageNumber | Integer | 1 | 查询页面数量 |
| Message | String | success | 响应消息，若成功请求为success |
| Code | String | OK | 响应代码，若成功请求为OK |
| PageSize | Integer | 10 | 查询页面大小 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------|---------|--------------------------------------|-----------|
| RequestId | String | E95B3D91-ED61-4715-AAD1-7E496A*****6 | 请求ID |
| Stacks | | | 技术栈查询结果列表 |
| CreateTime | Long | 1553218065000 | 技术栈创建时间 |
| UpdateTime | Long | 1553218065000 | 最后更新时间 |
| VersionCode | Integer | 10 | 最后更新者 |
| TotalCount | Integer | 1 | 查询结果总数 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/stack?ServiceCode=webx&Category=Java&PageSize=10&PageNumber=1&RecommendedOnly=true&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeStacksResponse>
  <PageNumber>1</PageNumber>
  <TotalCount>1</TotalCount>
  <Message>success</Message>
  <PageSize>10</PageSize>
  <RequestId>2581EA69-00C2-44F8-85DD-1F1*****44D7</RequestId>
  <Stacks>
    <Stack>
      <LatestStack>true</LatestStack>
      <CategoryName>Java</CategoryName>
      <RecommendedStack>true</RecommendedStack>
      <StackId>ws-6c937c98a9c*****0c4823984</StackId>
      <CreateTime>1553218065000</CreateTime>
      <VersionCode>10</VersionCode>
      <UpdateTime>1553218065000</UpdateTime>
      <StackName>Java 8 / Aliyun Linux 2.1903</StackName>
    </Stack>
  </Stacks>
  <Code>OK</Code>
</DescribeStacksResponse>
```

JSON 格式

```
{
  "PageNumber":1,
  "TotalCount":1,
  "Message":"success",
  "PageSize":10,
  "RequestId":"1EC2BF9F-20BA-4877-B9DC-89CA*****589",
  "Stacks":{
    "Stack":[
      {
        "LatestStack":true,
        "CategoryName":"Java",
        "RecommendedStack":true,
        "StackId":"ws-6c937c98a9*****d0c4823984",
        "CreateTime":1553218065000,
        "VersionCode":10,
        "UpdateTime":1553218065000,
        "StackName":"Java 8 / Aliyun Linux 2.1903"
      }
    ]
  },
  "Code":"OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

10.部署包版本

10.1. DeletePkgVersion

调用DeletePkgVersion删除一个部署包版本。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
DELETE /pop/v1/wam/pkgVersion HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------------|--------|------|-----------------------------|-------------|
| PkgVersionId | String | 是 | wp-5d1dfea63d7b4445ad6d**** | 要删除的部署包版本ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | D8F166F0-632E-4DBA-96ED-EA520AE3**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/pkgVersion?PkgVersionId=wp-5d244f33f314934e2ab1****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DeletePkgVersionResponse>
  <Message>success</Message>
  <RequestId>259AD58C-5B78-4D19-95EE-E30B57C7****</RequestId>
  <Code>OK</Code>
</DeletePkgVersionResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "424EB538-A880-48BA-9B50-F595557F****",
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

10.2. DescribePkgVersions

调用DescribePkgVersions查询部署包版本。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/pkgVersion HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------|---------|------|-------------------------|-------------------|
| AppId | String | 是 | wa-5d1d9d8c85c7f86***** | 应用ID，表示部署包版本所在的应用 |
| PageNumber | Integer | 否 | 1 | 查询页面大小 |

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------------|---------|------|----------------------|------------------------------|
| PageSize | Integer | 否 | 10 | 查询页面数 |
| PkgVersionLabel | String | 否 | version-demo-tmc-1.4 | 部署包版本标签 |
| PkgVersionSearch | String | 否 | tmc | 部署包版本标签搜索关键字，将返回含有此关键字的部署包版本 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------------|---------|--|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 1 | 查询页面数量 |
| PageSize | Integer | 10 | 查询页面大小 |
| PkgVersions | | | 查询版本结果 |
| AppId | String | wa-5d1d9d8c85c7f86e2ef***** | 应用ID，表示部署包版本所在的应用 |
| AppName | String | App1 | 应用ID，表示部署包版本所在的应用 |
| CreateTime | Long | 1562246822377 | 部署包版本的更新时间 |
| CreateUsername | String | baiji | 部署包版本建立者 |
| PackageSource | String | resources/username/versions/version-demo-tmc-1.4/webx-quickstart-tomcat-0.1.0-SNAPSHOT.war | 部署包版本的资源包 |
| PkgVersionDescription | String | This is a package. | 部署包版本描述 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|---------|--------------------------------------|------------|
| PkgVersionId | String | wp-5d244f33f314934e2ab***** | 部署包版本ID |
| PkgVersionLabel | String | version-demo-tmc-1.5 | 部署包版本标签 |
| UpdateTime | Long | 1562246822377 | 部署包版本的更新时间 |
| RequestId | String | 9ADFCBC1-3315-4E97-B5A3-406528B***** | 请求ID |
| TotalCount | Integer | 1 | 查询结果总数 |

示例

请求示例

```
http(s)://webplus.cn-hangzhou.aliyuncs.com/?AppId=wa-5d1d9d8c85c7f*****fb7234
&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribePkgVersionsResponse>
  <PageNumber>1</PageNumber>
  <TotalCount>1</TotalCount>
  <Message>success</Message>
  <PageSize>10</PageSize>
  <RequestId>D2F23007-1F7F-4532-852E-6127B18*****</RequestId>
  <PkgVersions>
    <PkgVersion>
      <PackageSource>resources/user1/versions/version-demo-tmc-1.5/webx-quickstart-tomcat-0.1.0-SNA
PSHOT.war</PackageSource>
      <PkgVersionDescription>This is a package.</PkgVersionDescription>
      <CreateUsername>user1</CreateUsername>
      <CreateTime>1562660659387</CreateTime>
      <AppId>wa-5d1d9d8c85c7f86e2ef*****</AppId>
      <UpdateTime>1562660659387</UpdateTime>
      <PkgVersionLabel>version-demo-tmc-1.5</PkgVersionLabel>
      <PkgVersionId>wp-5d244f33f314934e2ab*****</PkgVersionId>
    </PkgVersion>
  </PkgVersions>
  <Code>OK</Code>
</DescribePkgVersionsResponse>
```

JSON 格式

```
{
  "PageNumber":1,
  "TotalCount":1,
  "Message":"success",
  "PageSize":10,
  "RequestId":"39A380A0-5A5F-4832-B27D-AAB8318*****",
  "PkgVersions":{
    "PkgVersion":[
      {
        "PackageSource":"resources/userName/versions/version-demo-tmc-1.5/webx-quickstart-tomcat-0.1.0-SNAPSHOT.war",
        "PkgVersionDescription":"This is a package.",
        "CreateUsername":"user1",
        "CreateTime":1562660659387,
        "Appld":"wa-5d1d9d8c85c7f86e2ef*****",
        "UpdateTime":1562660659387,
        "Label":"version-demo-tmc-1.5",
        "PkgVersionId":"wp-5d244f33f314934e2ab*****"
      }
    ]
  },
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

10.3. CreatePkgVersion

调用CreatePkgVersion创建一个部署包版本。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/pkgVersion HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-----------------------|--------|------|---|---------------|
| PkgVersionLabel | String | 否 | version-demo-tmc-1.5 | 版本标签 |
| PkgVersionDescription | String | 否 | This is a package. | 版本描述信息 |
| AppId | String | 否 | wa-5d3eaae92977ca5251e***** | 建立部署包版本的应用ID |
| PackageSource | String | 否 | oss://target-url/webx/webx-quickstart-tomcat-0.1.0-SNAPSHOT.war | 用于建立部署包版本的资源包 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------------|--------|---|-----------------------|
| Code | String | OK | 响应代码，若成功请求为OK。 |
| Message | String | success | 响应消息，若成功请求为success。 |
| PkgVersion | Struct | | 部署包版本信息 |
| AppId | String | wa-5d3eaae92977ca5251e***** | 应用ID |
| AppName | String | app1 | 应用名称 |
| CreateTime | Long | 1564388159130 | 部署包创建时间 |
| PackageSource | String | oss://target-url/webx/webx-quickstart-tomcat-0.1.0-SNAPSHOT.war | 部署包资源位置，用于建立部署包版本的资源。 |
| PkgVersionDescription | String | This is a package | 部署包版本描述 |
| PkgVersionId | String | wp-5d3eab3f2977ca5251e***** | 部署包版本ID |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|--------|--------------------------------------|---------|
| PkgVersionLabel | String | version-demo-tmc-1.5 | 部署包版本标签 |
| UpdateTime | Long | 1564388159130 | 上次更新时间 |
| RequestId | String | 14A65FB3-DFD6-4D9A-83EA-9259C2D***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/pkgVersion?ServiceCode=webx<公共请求参数>
{
  "PkgVersionLabel","version-demo-tmc-1.5",
  "PkgVersionDescription","This is a package.",
  "AppId","wa-5d3eaae92977ca5251e*****",
  "PackageSource","oss://target-url/webx/webx-quickstart-tomcat-0.1.0-SNAPSHOT.war"
}
```

正常返回示例

XML 格式

```
<CreatePkgVersionResponse>
  <Message>success</Message>
  <RequestId>257C2FA9-3316-4BCB-9DB7-219A7A0*****</RequestId>
  <PkgVersion>
    <PkgVersionDescription>This is a package.</PkgVersionDescription>
    <CreateTime>1562246822377</CreateTime>
    <AppId>wa-5d1d9d8c85c7f86e2ef*****</AppId>
    <UpdateTime>1562246822377</UpdateTime>
    <PkgVersionLabel>version-demo-tmc-1.4</PkgVersionLabel>
    <PkgVersionId>wp-5d244f33f314934e2ab*****</PkgVersionId>
  </PkgVersion>
  <Code>OK</Code>
</CreatePkgVersionResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "257C2FA9-3316-4BCB-9DB7-219A7A0*****",
  "PkgVersion": {
    "AppId": "wa-5d3eaae92977ca5251e*****",
    "PkgVersionDescription": "This is a package.",
    "CreateTime": 1564388159130,
    "UpdateTime": 1564388159130,
    "PkgVersionId": "wp-5d3eab3f2977ca5251e*****",
    "PkgVersionLabel": "version-demo-tmc-1.5"
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|---|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | VersionLabelExists | An error occurred while creating an application version. The version name already exists. Please use a different name and try again. | 创建应用版本失败，版本名称已经存在，请更换版本名称后重试此次操作。 |
| 400 | OSSPathInvalid | The specified OSS path is invalid. For more information about OSS path, see oss://webx-demo/directory/file.json | 非法的OSS路径，OSS路径请参考：oss://webx-demo/directory/file.json |

访问[错误中心](#)查看更多错误码。

11.部署环境

11.1. CreateAppEnv

调用CreateAppEnv创建一个部署环境。

- 选择从已有环境或配置模板快速创建一个部署环境，使用两种方式创建环境时，将使用所选择环境或配置模板的部署包版本来部署新环境。
- 若不指定已有环境或配置模板，则必须指定技术栈ID和部署包版本ID。
- 若同时指定源环境ID，配置模板ID与技术栈ID中的多个参数，将依照源环境ID，配置模板ID，技术栈ID的优先级顺序来创建新环境。
- 此API被调用后若非模拟变更，则将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|---------|------|------------------------------|--|
| AppId | String | 否 | wa-6c937c98a9c0296d0c48***** | 应用ID |
| DryRun | Boolean | 否 | false | 是否模拟变更 <ul style="list-style-type: none"> • 若设定该参数为true，则不会创建变更，而是输出创建环境的操作步骤；否则会创建环境，并输出变更ID <ul style="list-style-type: none"> ◦ 默认为false |
| EnvDescription | String | 否 | this is an env | 环境描述信息 |
| EnvName | String | 否 | envTest | 环境名称 |

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|--------|------|---|---|
| OptionSettings | String | 否 | <pre>[{"path":"resources.ecs.autoScaling", "name":"instanceNum","value":"10"}, {"path":"application.option", "name":"port","value":"8081"}]</pre> | 自定义配置项数据，JSON数组，包含以下字段： <ul style="list-style-type: none"> path：配置项路径 name：配置项名称 value：配置值 |
| PkgVersionId | String | 否 | wp-6c937c98a9c0296d0c48***** | 部署包版本ID |
| ProfileName | String | 否 | HighAvailability | 初始化配置类型，可选以下值： <ul style="list-style-type: none"> HighAvailability：高可用，该配置会将实例数设置为2，同时启用公网SLB StandAlone：低成本，该配置会将实例数设置为1 |
| SourceEnvId | String | 否 | we-6c937c98a9c0296d0c48***** | 源环境ID，新创建的环境将克隆此环境的技术栈，配置项和部署包版本。 |
| StackId | String | 否 | ws-6c937c98a9c0296d0c48***** | 环境使用的技术栈ID，若指定了源环境ID或配置模板ID，此参数将被忽略，否则必须指定此参数 |
| TemplateId | String | 否 | wct-5d1c0a5d913567334af***** | 源模版ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|--------|-----------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChangeDetail | | | 环境变更信息 |
| ChangeId | String | wc-5d3e71642977ca5251e***** | 变更ID |

| 名称 | 类型 | 示例值 | 描述 |
|----------------------|--------|--|--------------------|
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| Operations | | | 变更操作列表 |
| Operation | | | 变更操作列表 |
| OperationDescription | String | Bind to VSwitch vsw-wz9gfawx1vxkimtj** *** | 操作描述信息 |
| OperationType | String | create | 操作类型 |
| StartTime | String | 1562666697684 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF5***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv?<公共请求参数>
```

正常返回示例

XML 格式

```

<CreateAppEnvResponse>
  <Message>success</Message>
  <RequestId>3E85CF06-071C-4A90-B7A1-2ACBA56*****</RequestId>
  <EnvChangeDetail>
    <Operations>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Bind to VPC vpc-wz9e6y22o3o91nuy*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Bind to VSwitch vsw-wz9gfawx1vxkimtj*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create security group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Update ESS scaling group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create 1 ECS instances and create instances with priority using the following
instance specifications: ecs.t5-*****.small,ecs.*****.small,ecs.*****.tiny,ecs.*****.large (Creating resources
may incur charges, please see //www.aliyun.com/price/product?#/ecs/detail ECS Pricing<
></OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Setup platform services on ECS instance(s)</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create monitor group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Synchronous ECS instance(s) to monitor group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Change application on the instance(s)</OperationDescription>
      </Operation>
    </Operations>
  </EnvChangeDetail>
  <Code>OK</Code>
</CreateAppEnvResponse>

```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "607E6D37-6037-48FD-A89E-A57C584*****",
  "EnvChangeDetail": {
    "Operations": {
      "Operation": [
        {
          "OperationType": "create",
          "OperationDescription": "Bind to VPC vpc-wz9e6y22o3o91nuy*****"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Bind to VSwitch vsw-wz9gfawx1vxkimtj*****"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create security group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Update ESS scaling group"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create 1 ECS instances and create instances with priority using the following instance specifications: ecs.t5-*****.small,ecs.*****.small,ecs.n1.tiny,ecs.*****.large (<b data-tag='b'>Creating resources may incur charges, please see <a href='\"//www.aliyun.com/price/product ?#/ecs/detail\" target='\"_blank\">ECS Pricing</a></b>)"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Setup platform services on ECS instance(s)"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create monitor group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Synchronous ECS instance(s) to monitor group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Change application on the instance(s)"
        }
      ]
    }
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------------|--|---|
| 500 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 500 | EnvCreateFailed | An error occurred while creating an environment. | 创建环境失败，在往插入记录时遇到未知错误。 |
| 500 | OSSDisabled | You have not activated the OSS service and cannot use the WebPlus service. Please go to the OSS console (https://oss.console.aliyun.com) to activate OSS and try again. | 您没有开通 OSS 服务，不能使用 WebPlus 服务，请前往 OSS 控制台 (https://oss.console.aliyun.com) 开通后重试。 |
| 500 | OSSApiCallFailed | When initializing applications, updating configurations, or destroying applications, WebPlus attempts to communicate with OSS through API communication. An OSS service throw error occurred. The bucket or the file does not exist. | 在初始化应用、更新配置、以及销毁应用时，WebPlus 尝试与 OSS 进行 API 通信出现 OSS 服务抛出的异常，如 bucket 不存在、文件不存在等。 |
| 500 | StackNotExists | The declared software stack information does not exist. | 创建应用/更新应用环境时，所声明的软件栈信息不存在。 |
| 500 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用 ID 没有找到对应的应用。 |
| 500 | AppCategoryNotMatchWithStacks | The application type declared in the application does not match the type of the software stack. Please make sure that the types are consistent and then try again. | 应用中所声明的应用类型与软件栈中的应用类型不匹配，需要确保两边一致后再进行重试。 |
| 500 | StackContainsNoConfigOption | An error occurred while modifying the configuration. The corresponding software stack does not contain any configuration items. | 配置变更失败，对应的软件栈不包含任何的配置项。 |
| 404 | ConfigOptionNotExists | An error occurred while updating the configuration. The system did not locate the configuration item declared by the key. | 更新配置失败，没能找到对应的 key 所声明的配置项。 |
| 500 | ChangingAReadonlyConfig | An error occurred while modifying the configuration. You cannot modify a read-only configuration. | 更新配置失败，您不能对设置为只读的配置进行修改。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|--|--|
| 500 | ConfigValueInvalid | An error occurred while resolving the configuration values. Please make sure the value type and constraints is consistent with the declared type. Types currently supported by WebPlus are: String, Integer, List, Boolean, Float, Json. | 更新配置失败，对配置值的解析失败，请务必确保值的类型与约束与声明的类型保持一致，目前WebPlus 配置支持的类型有：String, Integer, List, Boolean, Float, Json |
| 500 | AppPackageNotExists | An application deployment package is required to create or update a deployment environment. For the first time of using WebPlus, we recommend that you use a sample project. | 创建/更新一个部署环境时，需要使用真实的应用部署包；如您是首次尝试使用 WebPlus，可以选择样例工程完成您的首次尝试。 |
| 500 | AppPackageOwnedByOthers | The version of the deployment package used must be consistent with the application to which the environment belongs. | 当创建/更新一个环境的版本信息时，所使用的应用部署包版本必须与环境所属的应用一致。 |

访问[错误中心](#)查看更多错误码。

11.2. DeleteAppEnv

调用DeleteAppEnv删除一个环境。

 **说明** 环境在被删除前必须处于“已释放”状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
DELETE /pop/v1/wam/appEnv HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----|----|------|-----|----|
|----|----|------|-----|----|

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|----------|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 要删除的环境ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 348C6C36-F98C-46A2-B14C-B280D84***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv?Id=we-5d22bc1a6f48e5478fd*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DeleteAppEnvResponse>
  <Message>success</Message>
  <RequestId>348C6C36-F98C-46A2-B14C-B280D84*****</RequestId>
  <Code>OK</Code>
</DeleteAppEnvResponse>
```

JSON 格式

```
{
  "DeleteAppEnvResponse": {
    "Message": [
      "success"
    ],
    "RequestId": [
      "348C6C36-F98C-46A2-B14C-B280D84*****"
    ],
    "Code": [
      "OK"
    ]
  }
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------|--|----------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 404 | DeletingEnvNotExists | Deleting environment failed. The specified environment does not exist. | 删除应用环境失败，将被删除的环境不存在。 |

访问[错误中心](#)查看更多错误码。

11.3. DescribeAppEnvStatus

调用DescribeAppEnvStatus查询给定环境的状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/appEnv/status HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|----------------|
| EnvId | String | 是 | we-5d244085f314934e2ab1**** | 环境ID，将查询此环境的状态 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|---------|-------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvStatus | | | 环境状态信息 |
| AbortingChange | Boolean | false | 是否处于被终止状态 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------------|---------|---|--------------------|
| ApplyingChange | Boolean | false | 是否正在对环境进行变更 |
| ChangeBanner | String | Web+ is updating your deployment environment. | 变更的通知消息 |
| EnvId | String | we-5d1af9c902470221ab7d**** | 环境ID |
| EnvName | String | test1 | 环境名称 |
| EnvStatus | String | RUNNING | 环境运行状态 |
| InstanceAgentStatus | | | 实例代理状态 |
| ConnectedInstances | Integer | 0 | 已连接的实例个数 |
| DisconnectedInstances | Integer | 0 | 已断开连接的实例个数 |
| InstanceAppStatus | | | ECS实例中运行的应用的健康状态 |
| HealthyInstances | Integer | 0 | 健康实例应用的个数 |
| StoppedInstances | Integer | 0 | 停止的实例应用个数 |
| UnhealthyInstances | Integer | 0 | 不健康的实例应用个数 |
| UnknownInstances | Integer | 0 | 位置状态的实例应用个数 |
| LastEnvStatus | String | INITIALIZING | 环境的上次状态 |
| LatestChangeId | String | wc-5d3bb06a970b3f2e2a87**** | 环境上次变更的变更ID |
| Message | String | success | 响应消息，若成功请求为success |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|------|
| RequestId | String | 3CE38930-5A6A-4F7E-A6AD-DBF0EDE5**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/status?ServiceCode=webx&Id=we-5d244085f314934e2ab1****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeAppEnvStatusResponse>
  <EnvStatus>
    <EnvStatus>RUNNING</EnvStatus>
    <AbortingChange>false</AbortingChange>
    <ChangeBanner>Web+ is trying to recover your deployment environment</ChangeBanner>
    <LatestChangeld>wc-5d3bb06a970b3f2e2a87****</LatestChangeld>
    <LastEnvStatus>INITIALIZING</LastEnvStatus>
    <EnvName>xianbin-test-env</EnvName>
    <EnvId>we-5d1af9c902470221ab7d****</EnvId>
    <ApplyingChange>false</ApplyingChange>
    <InstanceAgentStatus>
      <DisconnectedInstances>0</DisconnectedInstances>
      <ConnectedInstances>0</ConnectedInstances>
    </InstanceAgentStatus>
    <InstanceAppStatus>
      <UnhealthyInstances>0</UnhealthyInstances>
      <StoppedInstances>0</StoppedInstances>
      <HealthyInstances>0</HealthyInstances>
      <UnknownInstances>0</UnknownInstances>
    </InstanceAppStatus>
  </EnvStatus>
  <Message>success</Message>
  <RequestId>F1D5FD22-87AC-483A-9310-4F7C6FB6****</RequestId>
  <Code>OK</Code>
</DescribeAppEnvStatusResponse>
```

JSON 格式

```
{
  "EnvStatus":{
    "EnvStatus":"RUNNING",
    "AbortingChange":false,
    "LastEnvStatus":"INITIALIZING",
    "ChangeBanner":"Web+ is trying to recover your deployment environment",
    "LatestChangeId":"wc-5d3bb06a970b3f2e2a87****",
    "EnvName":"xianbin-test-env",
    "EnvId":"we-5d1af9c902470221ab7d****",
    "ApplyingChange":false,
    "InstanceAgentStatus":{
      "DisconnectedInstances":0,
      "ConnectedInstances":0
    },
    "InstanceAppStatus":{
      "UnhealthyInstances":0,
      "StoppedInstances":0,
      "HealthyInstances":0,
      "UnknownInstances":0
    }
  },
  "Message":"success",
  "RequestId":"30C31B90-F42F-4A17-9EE8-5CB5D690****",
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

11.4. DescribeAppEnvs

调用DescribeAppEnvs查询符合条件的部署环境。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/appEnv HTTPS|HTTP
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------------------|---------|------|-----------------------------|---------------------|
| AppId | String | 是 | wa-5cef9f96dd351b61df0***** | 环境所属的应用ID |
| EnvId | String | 否 | we-5d22b3816f48e5478fd***** | 环境ID |
| IncludeTerminated | Boolean | 否 | true | 是否包含已释放的环境 |
| PageSize | Integer | 否 | 10 | 每页查询数据量，默认为10条 |
| PageNumber | Integer | 否 | 1 | 查询页数，默认为第1页 |
| EnvName | String | 否 | Test1 | 环境名称 |
| EnvSearch | String | 否 | Test | 环境搜索关键字 |
| RecentUpdated | Boolean | 否 | false | 是否查询最近变更环境，默认为false |
| StackSearch | String | 否 | Java | 技术栈搜索关键字 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|---------|-----------------------------|------------|
| AppEnvs | Array | | 环境列表 |
| AppEnv | | | |
| AbortingChange | Boolean | false | 环境是否正在取消变更 |
| AppId | String | wa-5cef9f96dd351b61df0***** | 环境所属的应用ID |
| AppName | String | test | 应用名称 |
| ApplyingChange | Boolean | false | 环境是否正在变更 |

| 名称 | 类型 | 示例值 | 描述 |
|----------------------|--------|---|-----------|
| CategoryName | String | Java | 环境技术栈类型 |
| ChangeBanner | String | Web+ 正在变更您的环境 | 变更提示 |
| CreateTime | Long | 1560246554242 | 环境创建时间 |
| CreateUsername | String | test | 创建环境的用户名 |
| DataRoot | String | wproot | 数据文件存储根目录 |
| EnvDescription | String | This is an env. | 环境描述信息 |
| EnvId | String | we-5d22b3816f48e5478fd***** | 环境ID |
| EnvName | String | test | 环境名称 |
| EnvStatus | String | RUNNING | 环境运行状态 |
| EnvType | String | web | 环境类型 |
| LastEnvStatus | String | RUNNING | 环境上次变更前状态 |
| LatestChangeId | String | wc-5d22c046b767ab0fc64***** | 环境上次变更ID |
| LogBase | String | logs/yourJava-java/environments/Test2/ | 日志存储根目录 |
| PkgVersionId | String | wp-5d1c0a5d913567334af***** | 部署版本包ID |
| PkgVersionLabel | String | 20190703.095155 | 部署版本名称 |
| PkgVersionStorageKey | String | webplus-demo-java-0.1.0-SNAPSHOT-exec.jar | 部署包版本文件 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------------|---------|---|--------------------|
| StackId | String | WS-6c937c98a9c0296d0c48***** | 技术栈ID |
| StackName | String | Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |
| StorageBase | String | resources/yourjava-java/environments/Test2/ | 环境存储根目录 |
| TotalInstances | Long | 1 | 环境总实例数 |
| UpdateTime | Long | 1562557466136 | 更新时间 |
| UpdateUsername | String | test | 更新用户名 |
| UsingSharedStorage | Boolean | true | 是否使用共享oss存储 |
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 10 | 每页查询数据量 |
| PageSize | Integer | 1 | 查询页数 |
| RequestId | String | D435EBFB-623E-47FB-A55A-C0F4C8B***** | 请求ID |
| TotalCount | Integer | 1 | 总记录条数 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv?&AppId=wa-5cef9f96dd351b61df0*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeAppEnvsResponse>
  <AppEnvs>
    <AppEnv>
      <LatestChangeld>wc-5d135e524f2c7336e33*****</LatestChangeld>
      <Type>web</Type>
      <DataRoot>wproot</DataRoot>
      <ApplyingChange>>false</ApplyingChange>
      <AppId>wa-5cef9f96dd351b61df0*****</AppId>
      <StackName>Java 8 / Aliyun Linux 2.1903</StackName>
      <PkgVersionStorageKey>webplus-demo-java-0.1.0-SNAPSHOT-exec.jar</PkgVersionStorageKey>
      <CreateUsername>test</CreateUsername>
      <AppName>sanwei-java</AppName>
      <LastEnvStatus>TERMINATING</LastEnvStatus>
      <PkgVersionId>wp-5cff7917c6af395bed9*****</PkgVersionId>
      <EnvDescription></EnvDescription>
      <LogBase>logs/test/environments/test/</LogBase>
      <StackId>ws-6c937c98a9c0296d0c48*****</StackId>
      <UpdateTime>1561550418955</UpdateTime>
      <TotalInstances>1</TotalInstances>
      <AbortingChange>>false</AbortingChange>
      <EnvName>tefdsa</EnvName>
      <EnvStatus>TERMINATED</EnvStatus>
      <CategoryName>Java</CategoryName>
      <UpdateUsername>test</UpdateUsername>
      <StorageBase>resources/test/environments/test/</StorageBase>
      <CreateTime>1560246554242</CreateTime>
      <PkgVersionLabel>20190611.174849</PkgVersionLabel>
      <EnvId>we-5cff791ac6af395bed9*****</EnvId>
      <UsingSharedStorage>true</UsingSharedStorage>
    </AppEnv>
  </AppEnvs>
  <PageNumber>1</PageNumber>
  <TotalCount>1</TotalCount>
  <Message>success</Message>
  <PageSize>10</PageSize>
  <RequestId>46F9B039-C782-4E68-8881-7F63A63*****</RequestId>
  <Code>OK</Code>
</DescribeAppEnvsResponse>
```

JSON 格式

```

{
  "TotalCount": 1,
  "Message": "success",
  "PageSize": 10,
  "RequestId": "D435EBFB-623E-47FB-A55A-C0F4C8B*****",
  "PageNumber": 1,
  "AppEnvs": {
    "AppEnv": [
      {
        "LatestChangeId": "wc-5d135e524f2c7336e33*****",
        "StorageBase": "resources/yourJava-java/environments/tefdsa/",
        "EnvDescription": "",
        "CategoryName": "Java",
        "PkgVersionStorageKey": "webplus-demo-java-0.1.0-SNAPSHOT-exec.jar",
        "AppName": "test",
        "EnvName": "test",
        "UpdateUsername": "test",
        "LogBase": "logs/test/environments/test/",
        "TotalInstances": 1,
        "PkgVersionLabel": "20190611.174849",
        "LastEnvStatus": "TERMINATING",
        "EnvStatus": "TERMINATED",
        "AbortingChange": false,
        "CreateTime": 1560246554242,
        "DataRoot": "wproot",
        "Type": "web",
        "AppId": "wa-5cef9f96dd351b61df0*****",
        "UpdateTime": 1561550418955,
        "ApplyingChange": false,
        "EnvId": "we-5cff791ac6af395bed9*****",
        "PkgVersionId": "wp-5cff7917c6af395bed9*****",
        "StackName": "Java 8 / Aliyun Linux 2.1903",
        "CreateUsername": "test",
        "StackId": "ws-6c937c98a9c0296d0c48*****",
        "UsingSharedStorage": true
      }
    ]
  },
  "Code": "OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用ID没有找到对应的应用。 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

11.5. UpdateAppEnv

调用此API更新一个部署环境。

- 无法通过修改技术栈ID来修改环境的技术栈类型。
- 更新环境所使用的部署包版本必须与环境属于同一个应用。
- 此API被调用后若非模拟变更，则将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
PUT /pop/v1/wam/appEnv HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-----------------|---------|------|--|--|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 要更新的环境ID |
| DryRun | Boolean | 否 | false | 是否模拟变更 <ul style="list-style-type: none"> • 若设定该参数为true，则不会创建变更，而是输出创建环境的操作步骤；否则会创建环境，并输出变更ID <ul style="list-style-type: none"> ◦ 默认为false |
| EnvDescription | String | 否 | This is an env. | 环境描述信息 |
| ExtraProperties | String | 否 | {"Keypair":"testKey"} | 本次变更的附加参数 |
| OptionSettings | String | 否 | [{"path":"resources.slb.internet", "name":"enable", "value":"true"}] | 自定义配置项数据，JSON数组，包含以下字段： <ul style="list-style-type: none"> • path：配置项路径 • name：配置项名称 • value：配置值 |

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------------|--------|------|------------------------------|-------------|
| PkgVersionId | String | 否 | wp-5d1c0a5d913567334af***** | 部署包版本ID |
| StackId | String | 否 | w5-6c937c98a9c0296d0c48***** | 环境所使用的技术栈ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------------|--------|---|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChangeDetail | | | 环境变更信息 |
| ChangeId | String | wc-5d3bb06a970b3f2e2a8***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| Operations | | | 变更操作 |
| Operation | | | 变更操作 |
| OperationDescription | String | Unbind VSwitch(es) vsw-wz9gfawx1vxkimtj*** | 变更操作 |
| OperationType | String | destroy | 操作类型 |
| StartTime | String | 1562666600768 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF5***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv&<公共请求参数>
{
  "EnvId":"we-5d22bc1a6f48e5478fd*****"
}
```

正常返回示例

XML 格式

```
<UpdateAppEnvResponse>
  <Message>success</Message>
  <RequestId>1DCDA97A-5F5E-4DEC-85C7-9F2EE02*****</RequestId>
  <EnvChangeDetail>
    <Operations>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete monitor group *****03</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete security group sg-wz97khuqdfkclpr*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete scaling group on ESS</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Unbind VSwitch(es) vsw-wz9gfawx1vxkimtj*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Unbind VPC vpc-wz9e6y22o3o91nuy*****</OperationDescription>
      </Operation>
    </Operations>
  </EnvChangeDetail>
  <Code>OK</Code>
</UpdateAppEnvResponse>
```

JSON 格式

```

{
  "Message": "success",
  "RequestId": "393D5428-E693-4063-9C59-1D5393E*****",
  "EnvChangeDetail": {
    "Operations": {
      "Operation": [
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete monitor group 78*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete security group sg-wz97khuqdfkclpr*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete scaling group on ESS"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Unbind VSwitch(es) vsw-wz9gfawx1vxkimtj*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Unbind VPC vpc-wz9e6y22o3o91nuy*****"
        }
      ]
    }
  },
  "Code": "OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|---|---------------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 404 | ConfigOptionNotExists | An error occurred while updating the configuration. The system did not locate the configuration item declared by the key. | 更新配置失败，没能找到对应的key所声明的配置项。 |
| 400 | ChangingAReadOnlyConfig | An error occurred while modifying the configuration. You cannot modify a read-only configuration. | 更新配置失败，您不能对设置为只读的配置进行修改。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------------|--|---|
| 403 | VpcNotAllowedUpdate | You are not allowed to modify the VPC ID against an unterminated environment. Please terminate it before continuing this operation. | 未终止的环境不允许修改 VPC ID, 请先终止环境后再继续此项操作。 |
| 400 | ConfigValueInvalid | An error occurred while resolving the configuration values. Please make sure the value type and constraints is consistent with the declared type. Types currently supported by WebPlus are: String, Integer, List, Boolean, Float, Json. | 更新配置失败, 对配置值的解析失败, 请务必确保值的类型与约束与声明的类型保持一致, 目前 WebPlus 配置支持的类型有: String, Integer, List, Boolean, Float, Json |
| 400 | AppPackageOwnedByOthers | The version of the application package used must be consistent with the application to which the environment belongs. | 当创建/更新一个环境的版本信息时, 所使用的应用部署包版本必须与环境所属的应用一致。 |
| 400 | AppCategoryNotMatchWithStacks | The application type declared in the application does not match the type of the software stack. Please make sure that the types are consistent and then try again. | 应用中所声明的应用类型与软件栈中的应用类型不匹配, 需要确保两边一致后再进行重试。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败, 原因是上一个变更正在进行, 请等待上一次变更完成后再继续。 |

访问[错误中心](#)查看更多错误码。

11.6. TerminateAppEnv

调用TerminateAppEnv来终止一个环境。

调试

您可以在OpenAPI Explorer中直接运行该接口, 免去您计算签名的困扰。运行成功后, OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头, 无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/terminate HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------|--------|------|-----------------------------|--|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 环境ID |
| DryRun | String | 否 | true | 是否模拟变更 <ul style="list-style-type: none"> 若设定该参数为true, 则不会创建变更, 而是输出创建环境的操作步骤; 否则会创建环境, 并输出变更ID <ul style="list-style-type: none"> 默认为false |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------------|--------|--------------------------------------|---------------------|
| Code | String | OK | 响应代码, 若成功请求为OK |
| EnvChangeDetail | | | 环境变更信息 |
| ChangeId | String | wc-5d3e71642977ca5251e***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| Operations | | | 变更操作列表 |
| OperationDescription | String | Delete monitor group 78***** | 变更操作描述信息 |
| OperationType | String | destroy | 操作类型 |
| StartTime | String | 1564373348658 | 变更开始时间 |
| Message | String | success | 响应消息, 若成功请求为success |
| RequestId | String | 393D5428-E693-4063-9C59-1D5393E***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/terminate?ServiceCode=webx<公共请求参数>
```

正常返回示例

XML 格式

```
<TerminateAppEnvResponse>
  <Message>success</Message>
  <RequestId>1DCDA97A-5F5E-4DEC-85C7-9F2EE02*****</RequestId>
  <EnvChangeDetail>
    <Operations>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete monitor group 78*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete security group sg-wz97khuqdfkclpr*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Delete scaling group on ESS</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Unbind VSwitch(es) vsw-wz9gfawx1vxkimtj*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>destroy</OperationType>
        <OperationDescription>Unbind VPC vpc-wz9e6y22o3o91nuy*****</OperationDescription>
      </Operation>
    </Operations>
  </EnvChangeDetail>
  <Code>OK</Code>
</TerminateAppEnvResponse>
```

JSON 格式

```

{
  "Message": "success",
  "RequestId": "393D5428-E693-4063-9C59-1D5393E*****",
  "EnvChangeDetail": {
    "Operations": {
      "Operation": [
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete monitor group 78*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete security group sg-wz97khuqdfkclpr*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Delete scaling group on ESS"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Unbind VSwitch(es) vsw-wz9gfawx1vxkimtj*****"
        },
        {
          "OperationType": "destroy",
          "OperationDescription": "Unbind VPC vpc-wz9e6y22o3o91nuy*****"
        }
      ]
    }
  },
  "Code": "OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------------|--|---------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 403 | StatusNotAllowedTerminated | A terminate action cannot be performed on an environment that has already terminated. | 不能对已经终止的环境执行应用终止操作。 |

访问[错误中心](#)查看更多错误码。

11.7. DescribeAppEnvInstanceHealth

调用DescribeAppEnvInstanceHealth查询一个环境内所有ECS实例的健康状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/appEnv/instanceHealth HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|-----------------------|
| EnvId | String | 是 | we-5d244085f314934e2ab***** | 环境ID，将查询此环境内所有实例的健康状态 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|--------------------|--------|-----------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvInstanceHealth | | | 实例健康状态查询结果 |
| EnvId | String | we-5d3eaaea2977ca5251e***** | 环境ID |
| EnvName | String | test-env | 环境名称 |
| InstanceHealthList | | | 实例健康列表 |
| AgentStatus | String | CONNECTED | 代理连接状态 |
| AppStatus | String | HEALTHY | 应用状态 |
| DisconnectedTime | String | 0 | 断连时长 |
| InstanceId | String | i-wz95ehd0129c8vv*** | ECS实例ID |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | C8E457BD-0E3D-4EF0-AA1F-A36FE27***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/instanceHealth?ServiceCode=webx&EnvId=we-5d244085f314934e2ab*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeAppEnvInstanceHealthResponse>
  <Message>success</Message>
  <RequestId>C99E58A1-5D86-4D50-B443-E41EEE1*****</RequestId>
  <EnvInstanceHealth>
    <EnvName>test-env</EnvName>
    <InstanceHealthList>
      <InstanceHealth>
        <DisconnectedTime>0</DisconnectedTime>
        <InstanceId>i-wz95ehd0129c8vv*****</InstanceId>
        <AgentStatus>CONNECTED</AgentStatus>
        <AppStatus>HEALTHY</AppStatus>
      </InstanceHealth>
    </InstanceHealthList>
  </EnvInstanceHealth>
  <Code>OK</Code>
</DescribeAppEnvInstanceHealthResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "C8E457BD-0E3D-4EF0-AA1F-A36FE27*****",
  "EnvInstanceHealth": {
    "EnvName": "test-env",
    "InstanceHealthList": {
      "InstanceHealth": [
        {
          "DisconnectedTime": 0,
          "InstanceId": "i-wz95ehd0129c8vv*****",
          "AgentStatus": "CONNECTED",
          "AppStatus": "HEALTHY"
        }
      ]
    }
  },
  "EnvId": "we-5d3eaaea2977ca5251e*****"
},
"Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

11.8. StopAppEnv

调用StopAppEnv停止一个部署环境。

- 只能针对状态处于运行中的环境执行停止操作。
- 此API被调用后将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/stop HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|--------------|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 环境ID, 将停止此环境 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|---------------------|
| Code | String | OK | 响应代码, 若成功请求为OK |
| EnvChange | | | 环境变更信息 |
| ChangeId | String | wc-5d247bbcd43be51c729***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| StartTime | String | 1562672060867 | 变更开始时间 |
| Message | String | success | 响应消息, 若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF5***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/stop??Id=we-5d22b3816f48e5478fd*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<StopAppEnvResponse>
  <EnvChange>
    <Changeld>wc-5d247ab5d43be51c72*****</Changeld>
    <EnvId>we-5d247866d43be51c729*****</EnvId>
    <StartTime>1562671797841</StartTime>
  </EnvChange>
  <Message>success</Message>
  <RequestId>05BB8B43-DAA6-4E19-9A3C-AF11DD1*****</RequestId>
  <Code>OK</Code>
</StopAppEnvResponse>
```

JSON 格式

```
{
  "Message":"success",
  "RequestId":"633D9443-025A-4B39-8957-495CC2B*****",
  "EnvChange":{
    "EnvId":"we-5d247866d43be51c729*****",
    "Changeld":"wc-5d247bbcd43be51c729*****",
    "StartTime":1562672060867
  },
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|----------------------|---|-------------------------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 403 | StatusNotAllowedStop | A stop action can only be made to an environment that is already running. An environment with other status cannot be stopped. | 应用停止只能针对已经在运行中的环境状态进行，其他状态不允许应用停止。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败，原因是上一个变更正在进行，请等待上一次变更完成后再继续。 |

访问[错误中心](#)查看更多错误码。

11.9. StartAppEnv

调用StartAppEnv启动一个部署环境。

- 只能针对状态处于已停止的环境执行停止操作。
- 此API被调用后将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/start HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|-------------|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 环境ID，将启动此环境 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|-------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 环境变更响应信息 |
| ChangeId | String | wc-5d247bbcd43be51c729***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| StartTime | String | 1562672060867 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/start??Id=we-5d22b3816f48e5478fd*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<StarAppEnvResponse>
  <EnvChange>
    <ChangeId>wc-5d247ab5d43be51c729*****</ChangeId>
    <EnvId>we-5d247866d43be51c729*****</EnvId>
    <StartTime>1562671797841</StartTime>
  </EnvChange>
  <Message>success</Message>
  <RequestId>05BB8B43-DAA6-4E19-9A3C-AF11DD1*****</RequestId>
  <Code>OK</Code>
</StarAppEnvResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "633D9443-025A-4B39-8957-495CC2B*****",
  "EnvChange": {
    "EnvId": "we-5d247866d43be51c729*****",
    "ChangeId": "wc-5d247bbcd43be51c729*****",
    "StartTime": 1562672060867
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-----------------------|--|-------------------------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 403 | StatusNotAllowedStart | A start action can only be made to an environment that is already stopped. An environment with other status cannot be started. | 应用启动只能针对已经停止的应用环境状态进行，其他状态不允许启动。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败，原因是上一个变更正在进行，请等待上一次变更完成后再继续。 |

访问[错误中心](#)查看更多错误码。

11.10. RestartAppEnv

调用RestartAppEnv重启一个部署环境。

- 只能针对状态处于运行中或已停止的环境执行重启操作。

- 此API被调用后将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/restart HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|-------------|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 环境ID，将重启此环境 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 环境变更响应 |
| ChangeId | String | wc-5d247bbcd43be51c729***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| StartTime | String | 1562672060867 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF5***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/restart??Id=we-5d22b3816f48e5478fd*****
&<公共请求参数>
```

正常返回示例

XML 格式

```
<RestartAppEnvResponse>
  <EnvChange>
    <ChangeId>wc-5d247ab5d43be51c729*****</ChangeId>
    <EnvId>we-5d247866d43be51c729*****</EnvId>
    <StartTime>1562671797841</StartTime>
  </EnvChange>
  <Message>success</Message>
  <RequestId>05BB8B43-DAA6-4E19-9A3C-AF11DD1*****</RequestId>
  <Code>OK</Code>
</RestartAppEnvResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "633D9443-025A-4B39-8957-495CC2B*****",
  "EnvChange": {
    "EnvId": "we-5d247866d43be51c729*****",
    "ChangeId": "wc-5d247bbcd43be51c729*****",
    "StartTime": 1562672060867
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|--|-------------------------------------|
| 403 | StatusNotAllowedRestart | Only a running environment or a terminated environment can be restarted. | 应用环境重启只能针对两种状态进行：运行中或停止；其他状态不允许重启操作 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败，原因是上一个变更正在进行，请等待上一次变更完成后再继续。 |

访问[错误中心](#)查看更多错误码。

11.11. RebuildAppEnv

调用RebuildAppEnv重建一个部署环境。

- 只能针对状态处于已释放和异常的环境执行停止操作。
- 此API被调用后若非模拟变更，则将返回此次创建的变更ID，可以使用此ID查询变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/rebuild HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------|---------|------|-----------------------------|--|
| EnvId | String | 是 | we-5d39b8ba6786bd4b149***** | 环境ID |
| DryRun | Boolean | 否 | true | 是否模拟变更 <ul style="list-style-type: none"> • 若设定该参数为true，则不会创建变更，而是输出创建环境的操作步骤；否则会创建环境，并输出变更ID <ul style="list-style-type: none"> ◦ 默认为false |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|--------|-----------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChangeDetail | | | 环境变更信息 |
| ChangeId | String | wc-5d3e71642977ca5251e***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| Operations | | | 变更操作列表 |

| 名称 | 类型 | 示例值 | 描述 |
|----------------------|--------|---------------------------------------|--------------------|
| OperationDescription | String | Change application on the instance(s) | 变更操作描述 |
| OperationType | String | update | 变更操作类型 |
| StartTime | String | 1562666697684 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 8D69F3C4-EA43-49D5-875A-0893BF5***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/rebuild?Id=we-5d22bc1a6f48e5478fd*****
&<公共请求参数>
{
  "EnvId":"we-5d39b8ba6786bd4b149*****",
  "DryRun":true,
}
```

正常返回示例

XML 格式

```

<RebuildAppEnvResponse>
  <Message>success</Message>
  <RequestId>3E85CF06-071C-4A90-B7A1-2ACBA56*****</RequestId>
  <EnvChangeDetail>
    <Operations>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Bind to VPC vpc-wz9e6y22o3o91nuy*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Bind to VSwitch vsw-wz9gfawx1vxkimtj*****</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create security group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Update ESS scaling group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create 1 ECS instances and create instances with priority using the following instance specifications: ecs.t5-****.small,ecs.***.small,ecs.***,ecs.g5.large Creating resources may incur charges, please see //www.aliyun.com/price/product ?#/ecs/detail ECS Pricing</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Setup platform services on ECS instance(s)</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create monitor group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Synchronous ECS instance(s) to monitor group</OperationDescription>
      </Operation>
      <Operation>
        <OperationType>update</OperationType>
        <OperationDescription>Change application on the instance(s)</OperationDescription>
      </Operation>
    </Operations>
  </EnvChangeDetail>
  <Code>OK</Code>
</RebuildAppEnvResponse>

```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "607E6D37-6037-48FD-A89E-A57C584*****",
  "EnvChangeDetail": {
    "Operations": {
      "Operation": [
        {
          "OperationType": "create",
          "OperationDescription": "Bind to VPC vpc-wz9e6y22o3o91nuy*****"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Bind to VSwitch vsw-wz9gfawx1vxkimtj*****"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create security group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Update ESS scaling group"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create 1 ECS instances and create instances with priority using the following instance specifications: ecs.t5-lic1*1.*****,ecs.***.small,ecs.***.tiny,ecs.***.large (<b data-tag='b'>Creating resources may incur charges, please see <a href='\"//www.aliyun.com/price/product?#/ecs/detail\" target='\"_blank\">ECS Pricing</a></b>)"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Setup platform services on ECS instance(s)"
        },
        {
          "OperationType": "create",
          "OperationDescription": "Create monitor group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Synchronous ECS instance(s) to monitor group"
        },
        {
          "OperationType": "update",
          "OperationDescription": "Change application on the instance(s)"
        }
      ]
    }
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|--|---|
| 403 | StatusNotAllowedRebuild | You can only rebuild a terminated environment or an environment that failed to be rebuilt. | 应用环境重建只能针对两种状态进行：已终止或上次执行失败。其他状态不允许重建的操作。 |
| 400 | EnvOnChanging | An error occurred while starting the change. Wait until the ongoing change is complete. | 变更启动失败，原因是上一个变更正在进行，请等待上一次变更完成后再继续。 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | OSSDisabled | You have not activated the OSS service and cannot use the WebPlus service. Please go to the OSS console (https://oss.console.aliyun.com) to activate OSS and try again. | 您没有开通 OSS 服务，不能使用 WebPlus 服务，请前往 OSS 控制台 (https://oss.console.aliyun.com) 开通后重试。 |
| 400 | OSSApiCallFailed | When initializing applications, updating configurations, or destroying applications, WebPlus attempts to communicate with OSS through API communication. An OSS service throw error occurred. The bucket or the file does not exist. | 在初始化应用、更新配置、以及销毁应用时，WebPlus 尝试与 OSS 进行 API 通信出现 OSS 服务抛出的异常，如 bucket 不存在、文件不存在等。 |

访问[错误中心](#)查看更多错误码。

11.12. DescribeInstanceHealth

调用DescribeInstanceHealth查询一个给定ECS实例的健康状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/instance/health HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------|--------|------|-----------------------|---------------------------------|
| InstanceId | String | 是 | i-wz9hvvnm5tlv3u***** | id为实例ID, 即instanceId, 标识一个ECS实例 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|------------------|--------|--------------------------------------|---------------------|
| Code | String | OK | 响应代码, 若成功请求为OK |
| InstanceHealth | | | 实例健康信息 |
| AgentStatus | String | CONNECTED | 代理连接状态 |
| AppStatus | String | UNKOWN | 应用状态 |
| DisconnectedTime | Long | 0 | 断连总时长 |
| InstanceId | String | i-wz9hvvnm5tlv3u***** | 实例ID |
| Message | String | success | 响应消息, 若成功请求为success |
| RequestId | String | FFBBC86A-2A15-4460-8B9C-BBC8E3F***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/instance/health?ServiceCode=webx&Id=i-wz9hvvnm5tlv3u*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeInstanceHealthResponse>
  <InstanceHealth>
    <DisconnectedTime>0</DisconnectedTime>
    <InstanceId>i-wz9hwvnm5tlv3u*****</InstanceId>
    <AgentStatus>CONNECTED</AgentStatus>
    <AppStatus>UNKOWN</AppStatus>
  </InstanceHealth>
  <Message>success</Message>
  <RequestId>6618008B-8BDF-4284-802B-E1DA40A*****</RequestId>
  <Code>OK</Code>
</DescribeInstanceHealthResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "FFBBC86A-2A15-4460-8B9C-BBC8E3F*****",
  "Code": "OK",
  "InstanceHealth": {
    "DisconnectedTime": 0,
    "InstanceId": "i-wz9hwvnm5tlv3u*****",
    "AgentStatus": "CONNECTED",
    "AppStatus": "UNKOWN"
  }
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|------------------------|---|---|
| 400 | InstanceIdParamInvalid | The specified instance ID does not exist. | Instance ID 不存在。 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 404 | InstanceNotExists | The specified instance does not exist according to the Instance ID declared. The specified instance may have been released or the parameter passed in is invalid. | 根据所声明的实例 ID(Instance Id)，没有找到对应的实例，有可能所指定的实例已经被释放或参数传入有误。 |

访问[错误中心](#)查看更多错误码。

11.13. GatherAppEnvLog

调用GatherAppEnvLog来收集一个部署环境中指定实例的日志信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

POST /pop/v1/wam/appEnv/gatherLog HTTP/1.1

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-----------------|--------|------|---------------------------------|-----------------------|
| EnvId | String | 是 | wa-5d1af9c802470221ab7***** | 环境ID，将收集此环境中实例的日志 |
| LogPath | String | 否 | /home/admin/app/webplus-app.log | 日志路径，指定要收集的日志所在路径 |
| TargetInstances | String | 否 | ["i-wz94zz7mx8kt5kz*****"] | 实例ID列表，将收集此列表中指定实例的日志 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|-----------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 变更信息 |
| ChangeId | String | wc-5d41015c56fd7c14ac9***** | 变更ID |
| EnvId | String | we-5d3eaaea2977ca5251e***** | 环境ID |
| StartTime | String | 1564541276614 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|------|
| RequestId | String | 41CF0D98-CAD7-43CB-8BF0-CFA4D3F***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/gatherLog&&<公共请求头>
{
  "EnvId": "wa-5d1af9c802470221ab7*****",
  "TargetInstances": ["i-wz94zz7mx8kt5kz*****"],
  "LogPath": "/home/admin/app/webplus-app.log"
}
```

正常返回示例

XML 格式

```
<GatherAppEnvLogResponse>
  <Message>success</Message>
  <EnvChange>
    <EnvId>we-5d39b8ba6786bd4b1495****</EnvId>
    <StartTime>1564541276614</StartTime>
    <Changeld>wc-5d3a963d5802611c4ddc****</Changeld>
  </EnvChange>
  <RequestId>97CEF6FD-0266-4C15-8745-9325E2AB****</RequestId>
  <Code>OK</Code>
</GatherAppEnvLogResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "41CF0D98-CAD7-43CB-8BF0-CFA4D3F*****",
  "EnvChange": {
    "EnvId": "we-5d3eaaea2977ca5251e*****",
    "Changeld": "wc-5d41015c56fd7c14ac9*****",
    "StartTime": 1564541276614
  },
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

11.14. GatherAppEnvStats

调用GatherAppEnvStats来收集一个部署环境中的诊断信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/appEnv/gatherStats HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-----------------|--------|------|-----------------------------|-------------------------|
| EnvId | String | 是 | we-5d3eaaea2977ca5251e***** | 环境ID，将收集此环境中指定实例的诊断信息 |
| TargetInstances | String | 否 | ["i-wz94zz7mx8kt5kz*****"] | 实例ID列表，将收集此列表中指定实例的诊断信息 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 变更信息 |
| ChangeId | String | wc-5d4103a856fd7c14ac9***** | 变更ID |
| EnvId | String | we-5d3eaaea2977ca5251e***** | 环境ID |
| StartTime | String | 1564541864384 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | BDA78DBA-7D10-4DDB-B73F-8357EB8***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/gatherStats&公共请求头
{
  "EnvId": "we-5d3eaaea2977ca5251e*****",
  "TargetInstances": ["i-wz94zz7mx8kt5kz*****"]
}
```

正常返回示例

XML 格式

```
<GatherAppEnvStatsResponse>
  <Message>success</Message>
  <EnvChange>
    <EnvId>we-5d39b8ba6786bd4b1495****</EnvId>
    <StartTime>1564541276614</StartTime>
    <Changeld>wc-5d3a963d5802611c4ddc****</Changeld>
  </EnvChange>
  <RequestId>97CEF6FD-0266-4C15-8745-9325E2AB****</RequestId>
  <Code>OK</Code>
</GatherAppEnvStatsResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "BDA78DBA-7D10-4DDB-B73F-8357EB8*****",
  "EnvChange": {
    "EnvId": "we-5d3eaaea2977ca5251e*****",
    "Changeld": "wc-5d4103a856fd7c14ac9*****",
    "StartTime": 1564541864384
  },
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

11.15. DescribeEnvResource

调用DescribeEnvResource查询一个环境内的所有资源。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/envResource HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------|--------|------|-----------------------------|-------------------|
| EnvId | String | 是 | we-5d22f93dcd04d705b65***** | 环境ID，将查询此环境内的所有资源 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------------|---------|-----------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvResource | | | 环境资源信息 |
| DefaultSecurityGroups | | | 环境的默认安全组信息 |
| SecurityGroup | | | 环境的默认安全组信息 |
| Id | String | sg-5d22f93dcd04d705b65***** | 安全组ID |
| EnvId | String | we-5d22f93dcd04d705b65***** | 环境ID |
| EnvName | String | test1 | 环境名称 |
| Instances | | | 环境内ECS实例信息列表 |
| Instance | | | 环境内ECS实例信息列表 |
| Id | String | i-wz9ci3y5rx4ub93**** | 实例ID |
| Imported | Boolean | false | 是否为导入实例 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------------|---------|-----------------------------|-------------|
| LaunchConfigurationId | String | "" | 启动配置ID |
| LaunchTemplateId | String | "" | 启动模版ID |
| LoadBalancers | | | 环境内负载均衡资源列表 |
| LoadBalancer | | | 环境内负载均衡资源列表 |
| AddressType | String | "" | 地址类型 |
| Id | String | "" | 负载均衡实例ID |
| Imported | Boolean | false | 是否为导入实例 |
| Port | Integer | 1001 | 端口号 |
| Protocol | String | "" | 协议 |
| MonitorGroup | | | 资源监控组 |
| Id | String | 71***** | 监控组ID |
| RdsInstances | | | 环境内RDS实例信息 |
| RdsInstance | | | 环境内RDS实例信息 |
| AccountName | String | webplus | 数据库账号名 |
| DatabaseName | String | webplus | 数据库名 |
| Id | String | rm-5d22f93dcd04d705b65***** | RDS实例ID |
| Imported | Boolean | false | 是否为导入实例 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------|--------|--------------------------------------|--------------------|
| ScalingGroup | | | 弹性伸缩组 |
| Id | String | asg-wz9aaa7g5ff6fiw*** ** | 弹性伸缩组ID |
| VSwitches | | | 交换机列表 |
| VSwitch | | | 交换机列表 |
| Id | String | vsw-wz9gfawx1vxkimtj** *** | 交换机ID |
| Vpc | | | VPC信息 |
| Id | String | vpc-wz9e6y22o3o91nuy ***** | VPC的ID |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 71CC3AA5-17C9-465F-8F8A-0B6BE58***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/envResource?ServiceCode=webx&EnvId=we-5d244085f314934e2ab*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeEnvResourceResponse>
  <Message>success</Message>
  <EnvResource>
    <Vpc>
      <Id>vpc-wz9e6y22o3o91nuy*****</Id>
    </Vpc>
    <VSwitches>
      <VSwitch>
        <Id>vsw-wz9gfawx1vxkimtj*****</Id>
      </VSwitch>
    </VSwitches>
    <MonitorGroup>
      <Id>71*****</Id>
    </MonitorGroup>
    <EnvName>test1</EnvName>
    <EnvId>we-5d22f93dcd04d705b65*****</EnvId>
    <ScalingGroup>
      <Id>asg-wz9aaa7g5ff6fiw*****</Id>
    </ScalingGroup>
    <LoadBalancers></LoadBalancers>
    <Instances>
      <Instance>
        <Id>i-wz9ci3y5rx4ub93*****</Id>
      </Instance>
    </Instances>
    <DefaultSecurityGroups>
      <SecurityGroup>
        <Id>sg-wz9b6zjhne81unz*****</Id>
      </SecurityGroup>
    </DefaultSecurityGroups>
    <RdsInstances></RdsInstances>
  </EnvResource>
  <RequestId>CA14B31B-4408-4B97-AB1E-78CECC5*****</RequestId>
  <Code>OK</Code>
</DescribeEnvResourceResponse>
```

JSON 格式

```

{
  "Message": "success",
  "EnvResource": {
    "Vpc": {
      "Id": "vpc-wz9e6y22o3o91nuy*****"
    },
    "VSwitches": {
      "VSwitch": [
        {
          "Id": "vsw-wz9gfawx1vxkimtj*****"
        }
      ]
    },
    "MonitorGroup": {
      "Id": "71*****"
    },
    "EnvName": "test1",
    "DefaultSecurityGroups": {
      "SecurityGroup": [
        {
          "Id": "sg-wz9b6zjhne81unz*****"
        }
      ]
    },
    "EnvId": "we-5d22f93dcd04d705b65*****",
    "ScalingGroup": {
      "Id": "asg-wz9aaa7g5ff6fiw*****"
    },
    "LoadBalancers": {
      "LoadBalancer": []
    },
    "Instances": {
      "Instance": [
        {
          "Imported": "false",
          "Id": "i-wz9ci3y5rx4ub93*****"
        }
      ]
    },
    "RdsInstances": []
  },
  "RequestId": "71CC3AA5-17C9-465F-8F8A-0B6BE58*****",
  "Code": "OK"
}

```


错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

11.16. DescribeGatherLogResult

调用DescribeGatherLogResult查询一个收集日志的变更信息。

 **说明** 只能查询收集日志对应的变更信息

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/appEnv/gatherLog HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|----------------------|
| ChangeId | String | 否 | WC-5d412db056fd7c14ac9***** | 变更ID，将查询此变更对应的日志收集信息 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|---------|-----------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| GatherLogResult | | | 日志收集结果信息 |
| Change | | | 变更信息 |
| ActionName | String | GatherLog | 变更动作名称 |
| ChangeAborted | Boolean | false | 变更是否被终止 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|--|---------|
| ChangeDescription | String | "gather logs of env we-5d3eaaea2977ca5251e**** on [{"targetInstances": "i-wz94zz7mx8kt5kz***"}]" | 变更描述信息 |
| ChangeFinished | Boolean | true | 变更是否完成 |
| ChangeId | String | wc-5d412db056fd7c14ac9**** | 变更ID |
| ChangeMessage | String | " " | 变更信息 |
| ChangeName | String | gather.log | 变更名称 |
| ChangePaused | Boolean | false | 变更是否被停止 |
| ChangeSucceeded | Boolean | true | 变更是否成功 |
| ChangeTimeout | Boolean | false | 变更是否超时 |
| CreateTime | Long | 1564552624114 | 变更开始时间 |
| CreateUsername | String | user1 | 变更创建者 |
| EnvId | String | we-5d3eaaea2977ca5251e**** | 环境ID |
| FinishTime | Long | 1564552624564 | 变更结束时间 |
| UpdateTime | Long | 1564552624600 | 上次更新时间 |
| InstanceResults | | | 实例结果信息 |
| InstanceId | String | " " | 实例ID |

| 名称 | 类型 | 示例值 | 描述 |
|---------------|---------|--|--------------------|
| StorageKey | String | "" | 存储key |
| TaskMessage | String | "" | 任务消息 |
| TaskSucceeded | Boolean | true | 任务是否完成 |
| LogPath | String | /home/admin/app/ webplus-app.log | 日志路径 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 76A821B7-A376- 47C5-956C- 34827EF***** | 请求ID |

示例

请求示例

```
GET /pop/v1/wam/appEnv/gatherLog HTTP/1.1  
公共请求头
```

正常返回示例

XML 格式

```
<DescribeGatherLogResultResponse>
  <Message>success</Message>
  <RequestId>C3D45688-AD84-420D-9CF3-5650B49*****</RequestId>
  <GatherLogResult>
    <InstanceResults></InstanceResults>
    <Change>
      <ChangeName>gather.log</ChangeName>
      <ActionName>GatherLog</ActionName>
      <ChangeAborted>>false</ChangeAborted>
      <ChangeTimedout>>false</ChangeTimedout>
      <UpdateTime>1564552624600</UpdateTime>
      <ChangeDescription>gather logs of env we-5d3eaaea2977ca5251e***** on [{"targetInstances\":\"i-w
z94zz7mx8kt5kz*****\"}]</ChangeDescription>
      <EnvId>we-5d3eaaea2977ca5251e*****</EnvId>
      <FinishTime>1564552624564</FinishTime>
      <CreateUsername>user1</CreateUsername>
      <ChangeSucceeded>>true</ChangeSucceeded>
      <CreateTime>1564552624114</CreateTime>
      <ChangeId>wc-5d412db056fd7c14ac9*****</ChangeId>
      <ChangeFinished>>true</ChangeFinished>
      <ChangeMessage></ChangeMessage>
      <ChangePaused>>false</ChangePaused>
    </Change>
    <LogPath>/home/admin/app/webplus-app.log</LogPath>
  </GatherLogResult>
  <Code>OK</Code>
</DescribeGatherLogResultResponse>
```

JSON 格式


```
{
  "Message": "success",
  "RequestId": "76A821B7-A376-47C5-956C-34827EF*****",
  "GatherLogResult": {
    "InstanceResults": {
      "InstanceResult": []
    },
    "Change": {
      "ChangeName": "gather.log",
      "ActionName": "GatherLog",
      "ChangeAborted": false,
      "ChangeTimedout": false,
      "UpdateTime": 1564552624600,
      "ChangeDescription": "gather logs of env we-5d3eaaea2977ca5251e***** on [{"targetInstances": [{"i-
wz94zz7mx8kt5kz*****}]}]",
      "EnvId": "we-5d3eaaea2977ca5251e*****",
      "FinishTime": 1564552624564,
      "CreateUsername": "user1",
      "ChangeSucceeded": true,
      "CreateTime": 1564552624114,
      "ChangeId": "wc-5d412db056fd7c14ac9*****",
      "ChangeFinished": true,
      "ChangeMessage": "",
      "ChangePaused": false
    },
    "LogPath": "/home/admin/app/webplus-app.log"
  },
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

11.17. DescribeGatherStatsResult

调用DescribeGatherStatsResult 查询一个收集诊断的变更信息。

 **说明** 只能查询收集诊断信息对应的变更信息

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/appEnv/gatherStats HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|------------------------|
| ChangeId | String | 否 | WC-5d4134b956fd7c14ac91**** | 变更ID，将查询此变更ID对应的诊断结果信息 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|--|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| GatherStatsResult | | | 日志收集结果信息 |
| Change | | | 变更信息 |
| ActionName | String | GatherStats | 变更动作名称 |
| ChangeAborted | Boolean | false | 变更是否被终止 |
| ChangeDescription | String | gather stats of env we-5d3eaaea2977ca5251e**** on [{"targetInstances": [{"i-wz94zz7mx8kt5kz**"}]}] | 变更描述信息 |
| ChangeFinished | Boolean | true | 变更是否完成 |
| ChangeId | String | WC-5d4134b956fd7c14ac9**** | 变更ID |
| ChangeMessage | String | "" | 变更消息 |
| ChangeName | String | gather.stats | 变更名称 |
| ChangePaused | Boolean | false | 变更是否被停止 |
| ChangeSucceeded | Boolean | true | 变更是否成功 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|---------|--------------------------------------|--------------------|
| ChangeTimedout | Boolean | false | 变更是否超时 |
| CreateTime | Long | 1564554425575 | 变更开始时间 |
| CreateUsername | String | user1 | 变更创建者 |
| EnvId | String | we-5d3eaaea2977ca5251e***** | 环境ID |
| FinishTime | Long | 1564554426063 | 变更完成时间 |
| UpdateTime | Long | 1564554426111 | 上次更新时间 |
| InstanceResults | | | 实例结果信息 |
| InstanceId | String | "" | 实例ID |
| StorageKey | String | "" | 存储key |
| TaskMessage | String | "" | 任务消息 |
| TaskSucceeded | Boolean | true | 任务是否完成 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | D208107C-B729-4C92-80EE-7257131***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/gatherStats?ChangeId=wc-5d4134b956fd7c14ac9*****&公共请求头
```

正常返回示例

XML 格式

```
<DescribeGatherStatsResultResponse>
  <Message>success</Message>
  <RequestId>344B98E9-269C-47D6-B55A-1CB268A*****</RequestId>
  <GatherStatsResult>
    <InstanceResults></InstanceResults>
    <Change>
      <ChangeName>gather.stats</ChangeName>
      <ActionName>GatherStats</ActionName>
      <ChangeAborted>>false</ChangeAborted>
      <ChangeTimedout>>false</ChangeTimedout>
      <UpdateTime>1564554426111</UpdateTime>
      <ChangeDescription>gather stats of env we-5d3eaaea2977ca5251e***** on [{"\"targetInstances\":\":\":i-w
z94zz7mx8kt5kz*****\"}]</ChangeDescription>
      <EnvId>we-5d3eaaea2977ca5251e*****</EnvId>
      <FinishTime>1564554426063</FinishTime>
      <CreateUsername>user1</CreateUsername>
      <ChangeSucceeded>>true</ChangeSucceeded>
      <CreateTime>1564554425575</CreateTime>
      <ChangeId>wc-5d4134b956fd7c14ac9*****</ChangeId>
      <ChangeFinished>>true</ChangeFinished>
      <ChangeMessage></ChangeMessage>
      <ChangePaused>>false</ChangePaused>
    </Change>
  </GatherStatsResult>
  <Code>OK</Code>
</DescribeGatherStatsResultResponse>
```

JSON 格式


```
{
  "Message": "success",
  "GatherStatsResult": {
    "InstanceResults": {
      "InstanceResult": []
    },
    "Change": {
      "ChangeName": "gather.stats",
      "ActionName": "GatherStats",
      "ChangeAborted": false,
      "ChangeTimedout": false,
      "UpdateTime": 1564554426111,
      "ChangeDescription": "gather stats of env we-5d3eaaea2977ca5251e***** on [{"targetInstances\\":\\"i-wz94zz7mx8kt5kz*****\\"}]",
      "EnvId": "we-5d3eaaea2977ca5251e*****",
      "FinishTime": 1564554426063,
      "CreateUsername": "user1",
      "ChangeSucceeded": true,
      "CreateTime": 1564554425575,
      "ChangeId": "wc-5d4134b956fd7c14ac9*****",
      "ChangeFinished": true,
      "ChangeMessage": "",
      "ChangePaused": false
    }
  },
  "RequestId": "D208107C-B729-4C92-80EE-7257131*****",
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

12.配置模板

12.1. CreateConfigTemplate

调用CreateConfigTemplate从一个原有环境来创建一个配置模板。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

POST /pop/v1/wam/configTemplate HTTP/1.1

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|--------|------|---|---|
| AppId | String | 否 | wa-5d1d9d8c85c7f86e2efb**** | 新建模板所在的应用ID |
| OptionSettings | String | 否 | <pre>[{"path": "resources.ecs.autoScaling", "name": "instanceNum", "value": "10"}, {"path": "application.option", "name": "port", "value": "8081"}]</pre> | 自定义配置项数据，JSON数组，包含以下字段： <ul style="list-style-type: none"> path：配置项路径 name：配置项名称 value：配置值 |
| PkgVersionId | String | 否 | wp-5d1daece08350d1dd948**** | 部署包版本ID |
| ProfileName | String | 否 | HighAvailability | 初始化配置类型，可选以下值： <ul style="list-style-type: none"> HighAvailability：高可用，该配置会将实例数设置为2，同时启用公网SLB StandAlone：低成本，该配置会将实例数设置为1 |
| SourceEnvId | String | 否 | we-5d1dac8e08350d1dd948**** | 源环境ID，指定用于创建模板配置的源环境 |

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|---------------------|--------|------|------------------------------|--------------------------|
| SourceTemplateId | String | 否 | wct-5d1ec2813c940d1bf45b**** | 源配置模板的ID，将会以此模板来创建新的配置模板 |
| StackId | String | 否 | ws-6c937c98a9c0296d0c482**** | 技术栈ID |
| TemplateDescription | String | 否 | this is an new template | 新建模板的描述 |
| TemplateName | String | 否 | new-template-name | 新建模板的名称 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|---------------------|--------|------------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigTemplate | | | 配置模板信息 |
| AppId | String | wa-5d1d9d8c85c7f86e2ef***** | 应用ID |
| AppName | String | app1 | 应用名称 |
| CreateTime | Long | 1562589211442 | 配置模板创建时间 |
| PkgVersionId | String | wp-5d1daece08350d1dd94***** | 部署包版本ID |
| PkgVersionLabel | String | 20190726.135654 | 部署包版本标签 |
| StackId | String | ws-6c937c98a9c0296d0c48***** | 技术栈ID |
| StackName | String | Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |
| TemplateDescription | String | this is an new template | 模板描述信息 |

| 名称 | 类型 | 示例值 | 描述 |
|--------------|--------|--------------------------------------|--------------------|
| TemplateId | String | wct-5d1ec866d56beb722b7**** | 配置模板ID |
| TemplateName | String | new-template-name | 配置模板名称 |
| TemplateType | String | web | 配置模板类型 |
| UpdateTime | Long | 1562298470970 | 上次更新时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 7C8AA286-14EA-4713-B81D-859BECF1**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/configTemplate?ServiceCode=webx&<公共请求参数>
>
{
  "TemplateName","new-template-name",
  "TemplateDescription","this is an new template",
  "AppId","wa-5d1d9d8c85c7f86e2efb****",
  "StackId","ws-6c937c98a9c0296d0c482****",
  "SourceTemplateId","wct-5d1ec2813c940d1bf45b****",
  "SourceEnvId","we-5d1dac8e08350d1dd948****",
  "ProfileName","HighAvailability",
  "PkgVersionId","wp-5d1daece08350d1dd948****",
  "OptionSettings", [{"path":"resources.ecs.autoScaling", "name":"instanceNum", "value":"10"}, {"path":"application.option", "name":"port", "value":"8081"}],
}
```

正常返回示例

XML 格式

```
<CreateConfigTemplateResponse>
  <ConfigTemplate>
    <TemplateName>new-template-name</TemplateName>
    <TemplateDescription>this is an new template</TemplateDescription>
    <Type>web</Type>
    <StackId>ws-6c937c98a9c0296d0c482****</StackId>
    <CreateTime>1562298470970</CreateTime>
    <AppId>wa-5d1d9d8c85c7f86e2efb****</AppId>
    <UpdateTime>1562298470970</UpdateTime>
    <AppName>app1</AppName>
    <TemplateId>wct-5d1ec866d56beb722b77****</TemplateId>
    <PkgVersionId>wp-5d1daece08350d1dd948****</PkgVersionId>
    <StackName>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</StackName>
  </ConfigTemplate>
  <Message>success</Message>
  <RequestId>7C8AA286-14EA-4713-B81D-859BECF1****</RequestId>
  <Code>OK</Code>
</CreateConfigTemplateResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "02DE47B1-68AE-4F15-AC0B-94166D4F****",
  "ConfigTemplate": {
    "TemplateType": "web",
    "TemplateName": "template-name",
    "TemplateDescription": "this is an new template",
    "StackId": "ws-6c937c98a9c0296d0c482****",
    "CreateTime": 1564384554840,
    "PkgVersionLabel": "20190726.135654",
    "AppId": "wa-5d1af9c802470221ab7d****",
    "UpdateTime": 1564384554840,
    "AppName": "app1",
    "PkgVersionId": "wp-5d3a963b5802611c4ddc****",
    "StackName": "Java 8 / Aliyun Linux 2.1903",
    "TemplateId": "wct-5d3e9d2a2977ca5251e0****"
  },
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用 ID 没有找到对应的应用。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------------|--|---|
| 400 | DuplicatedTemplateName | An error occurred while generating an environment configuration template. The specified template name already exists in the application. | 生成环境配置模板失败，在该应用下，您不能使用已经使用过的模板名称。 |
| 400 | AppCategoryNotMatchWithStacks | The application type declared in the application does not match the type of the software stack. Please make sure that the types are consistent and then try again. | 应用中所声明的应用类型与软件栈中的应用类型不匹配，需要确保两边一致后再进行重试。 |
| 404 | StackNotExists | The declared software stack information does not exist. | 创建应用/更新应用环境时，所声明的软件栈信息不存在。 |
| 400 | StackContainsNoConfigOption | An error occurred while modifying the configuration. The corresponding software stack does not contain any configuration items. | 配置变更失败，对应的软件栈不包含任何的配置项。 |
| 404 | ConfigOptionNotExists | An error occurred while updating the configuration. The system did not locate the configuration item declared by the key. | 更新配置失败，没能找到对应的key所声明的配置项。 |
| 400 | ChangingAReadOnlyConfig | An error occurred while modifying the configuration. You cannot modify a read-only configuration. | 更新配置失败，您不能对设置为只读的配置进行修改。 |
| 400 | ConfigValueInvalid | An error occurred while resolving the configuration values. Please make sure the value type and constraints is consistent with the declared type. Types currently supported by WebPlus are: String, Integer, List, Boolean, Float, Json. | 更新配置失败，对配置值的解析失败，请务必确保值的类型与约束与声明的类型保持一致，目前WebPlus配置支持的类型有：String, Integer, List, Boolean, Float, Json |
| 404 | AppPackageNotExists | An application deployment package is required to create or update a deployment environment. For the first time of using WebPlus, we recommend that you use a sample project. | 创建/更新一个部署环境时，需要使用真实的应用部署包；如您是首次尝试使用WebPlus，可以选择样例工程完成您的首次尝试。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------|---|---|
| 400 | AppPackageOwnedByOthers | The version of the application package used must be consistent with the application to which the environment belongs. | 当创建/更新一个环境的版本信息时，所使用的应用部署包版本必须与环境所属的应用一致。 |
| 400 | ConfigParsingFailed | An error occurred while extracting the corresponding item from the configuration. Please check the configuration and try again. | 从配置中提取出对应项时，出现解析参数项的配置；请认真核对配置，修正后重试。 |
| 400 | ProfileNameInvalid | The specified cluster type in the template is invalid. Valid values: Default, StandAlone, and HighAvailability. | 启动模板的集群类型名称不合法，该枚举的取值范围为：Default, StandAlone, HighAvailability. |

访问[错误中心](#)查看更多错误码。

12.2. DeleteConfigTemplate

调用DeleteConfigTemplate删除一个配置模板。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
DELETE /pop/v1/wam/configTemplate HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------|--------|------|------------------------------|-----------------|
| TemplateId | String | 是 | wct-5d3e9d2a2977ca5251e0**** | 配置模板ID，将删除此配置模板 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----|----|-----|----|
|----|----|-----|----|

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 0E0A3207-12BD-4F5D-A3C2-E33BEEBB**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/configTemplate?ServiceCode=webx&Id=wct-5d233291daae5125d353****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DeleteConfigTemplateResponse>
  <Message>success</Message>
  <RequestId>0E0A3207-12BD-4F5D-A3C2-E33BEEBB****</RequestId>
  <Code>OK</Code>
</DeleteConfigTemplateResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "688D65D8-6509-4F04-A0F0-6B04D774****",
  "Code": "OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

12.3. DescribeConfigTemplates

调用DescribeConfigTemplates查询配置模板。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/configTemplate HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|---------|------|-----------------------------|------------------|
| AppId | String | 是 | wa-5d1d9d8c85c7f86e2ef***** | 应用ID，查询此应用上的配置模板 |
| PageNumber | Integer | 否 | 1 | 查询页面数量 |
| PageSize | Integer | 否 | 10 | 查询页面大小 |
| TemplateName | String | 否 | template-name | 要查询的配置模板名称 |
| TemplateSearch | String | 否 | template | 查询的模版名称关键字 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|--------|-----------------------------|------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigTemplates | | | 配置结果项数组 |
| AppId | String | wa-5d1d9d8c85c7f86e2ef***** | 应用ID，要查询此应用上的模板 |
| AppName | String | testApplication | 应用名称，表示配置模板所在的应用 |
| CreateTime | Long | 1562298470970 | 配置模板的建立时间 |

| 名称 | 类型 | 示例值 | 描述 |
|---------------------|---------|---|--------------------|
| PkgVersionId | String | wp-5d1daece08350d1dd94***** | 部署包版本ID |
| PkgVersionLabel | String | 1562226365 | 部署包版本标签 |
| StackId | String | ws-6c937c98a9c0296d0c48***** | 技术栈ID |
| StackName | String | Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |
| TemplateDescription | String | this is a new description. | 配置模板的描述信息 |
| TemplateId | String | wct-5d1eca8dd56beb722b7***** | 配置模板ID |
| TemplateName | String | new-template-name | 配置模板名称 |
| UpdateTime | Long | 1562298470970 | 配置模板更新时间 |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 1 | 查询页面数量 |
| PageSize | Integer | 10 | 查询页面大小 |
| RequestId | String | 5CD6AF45-920A-4F5C-BD00-B41D6AE***** | 请求ID |
| TotalCount | Integer | 1 | 结果总数量 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/configTemplate?ServiceCode=webx&AppId=wa-5d1d9d8c85c7f86e2ef*****&PageSize=10&PageNumber=1&Search=template&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeConfigTemplatesResponse>
  <PageNumber>1</PageNumber>
  <TotalCount>1</TotalCount>
  <Message>success</Message>
  <PageSize>10</PageSize>
  <RequestId>9CFC8370-B02A-40EE-AAB8-8005DA9*****</RequestId>
  <ConfigTemplates>
    <ConfigTemplate>
      <TemplateName>new-template-name</TemplateName>
      <TemplateDescription>this is a new description.</TemplateDescription>
      <StackId>ws-6c937c98a9c0296d0c48*****</StackId>
      <CreateTime>1562299021581</CreateTime>
      <PkgVersionLabel>1562226365</PkgVersionLabel>
      <AppId>wa-5d1d9d8c85c7f86e2ef*****</AppId>
      <UpdateTime>1562577497233</UpdateTime>
      <AppName>user1</AppName>
      <TemplateId>wct-5d1eca8dd56beb722b7*****</TemplateId>
      <PkgVersionId>wp-5d1daece08350d1dd94*****</PkgVersionId>
      <StackName>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</StackName>
    </ConfigTemplate>
  </ConfigTemplates>
  <Code>OK</Code>
</DescribeConfigTemplatesResponse>
```

JSON 格式

```
{
  "PageNumber":1,
  "TotalCount":1,
  "Message":"success",
  "PageSize":10,
  "RequestId":"4D769F04-E1C2-49A6-8A5B-017E2EF*****",
  "ConfigTemplates":{
    "ConfigTemplate":[
      {
        "TemplateName":"new-template-name",
        "TemplateDescription":"this is a new description.",
        "StackId":"ws-6c937c98a9c0296d0c48*****",
        "CreateTime":1562299021581,
        "PkgVersionLabel":"1562226365",
        "AppId":"wa-5d1d9d8c85c7f86e2ef*****",
        "UpdateTime":1562577497233,
        "AppName":"user1",
        "PkgVersionId":"wp-5d1daece08350d1dd94*****",
        "StackName":"Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903",
        "TemplateId":"wct-5d1eca8dd56beb722b7*****"
      }
    ]
  },
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用 ID 没有找到对应的应用。 |

访问[错误中心](#)查看更多错误码。

12.4. UpdateConfigTemplate

调用UpdateConfigTemplate来更新配置模板。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
PUT /pop/v1/wam/configTemplate HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|---------------------|--------|------|--|--|
| TemplateId | String | 是 | wct-5d1eca8dd56beb2b7***** | 模板ID |
| OptionSettings | String | 否 | [[{"path": "resources.ecs.autoScaling", "name": "instanceNum", "value": "10"}, {"path": "application.option", "name": "port", "value": "8081"}]] | 自定义配置项数据，JSON数组，包含以下字段： <ul style="list-style-type: none"> path：配置项路径 name：配置项名称 value：配置值 |
| TemplateDescription | String | 否 | This is a template | 模板描述信息 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|---|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigTemplate | | | 配置模板信息 |
| AppId | String | wa-5d1d9d8c85c7f86e2ef***** | 应用ID，模板所在应用ID |
| AppName | String | app1 | 模板所在应用名称 |
| CreateTime | Long | 1562299021581 | 模板创建时间 |
| StackId | String | ws-6c937c98a9c0296d0c48***** | 技术栈ID |
| StackName | String | Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |
| TemplateId | String | wct-5d1eca8dd56beb722b7***** | 模板ID |
| TemplateName | String | new-template-name | 模板名称 |
| UpdateTime | Long | 1562587235328 | 上次更新时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | CE6E878B-DDB4-4563-9263-D75057C***** | 请求ID |

示例

请求示例

```

http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/configTemplate?ServiceCode=webx<公共请求参数
>
{
  "TemplateId":"wct-5d1eca8dd56beb2b7*****",
  "TemplateDescription":"This is a template",
  "OptionSettings":[{"path":"resources.ecs.autoScaling", "name":"instanceNum","value":"10"}, {"path":"
application.option", "name":"port","value":"8081"}]}
}

```

正常返回示例

XML 格式

```

<UpdateConfigTemplateResponse>
  <ConfigTemplate>
    <TemplateName>new-template-name</TemplateName>
    <StackId>ws-6c937c98a9c0296d0c48*****</StackId>
    <CreateTime>1562299021581</CreateTime>
    <AppId>wa-5d1d9d8c85c7f86e2ef*****</AppId>
    <UpdateTime>1562587235588</UpdateTime>
    <AppName>app1</AppName>
    <TemplateId>wct-5d1eca8dd56beb722b7*****</TemplateId>
    <StackName>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</StackName>
  </ConfigTemplate>
  <Message>success</Message>
  <RequestId>733F3B46-0875-437A-9A8E-9549A0C*****</RequestId>
  <Code>OK</Code>
</UpdateConfigTemplateResponse>

```

JSON 格式

```

{
  "Message":"success",
  "RequestId":"10C22D0D-C353-4535-89A9-FAB5017*****",
  "ConfigTemplate":{
    "TemplateName":"new-template-name",
    "StackId":"ws-6c937c98a9c0296d0c48*****",
    "CreateTime":1562299021581,
    "AppId":"wa-5d1d9d8c85c7f86e2ef*****",
    "UpdateTime":1562587235328,
    "AppName":"app1",
    "StackName":"Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903",
    "TemplateId":"wct-5d1eca8dd56beb722b7*****"
  },
  "Code":"OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-----|------|----|
|----------|-----|------|----|

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-----------------------------|--|---|
| 404 | TemplateNotExists | An error occurred while updating the configuration. No corresponding configuration template instance was found. | 更新配置失败，没有找到相应的配置模板实例。 |
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | StackContainsNoConfigOption | An error occurred while modifying the configuration. The corresponding software stack does not contain any configuration items. | 配置变更失败，对应的软件栈不包含任何的配置项。 |
| 404 | ConfigOptionNotExists | An error occurred while updating the configuration. The system did not locate the configuration item declared by the key. | 更新配置失败，没能找到对应的key所声明的配置项。 |
| 400 | ChangingAReadOnlyConfig | An error occurred while modifying the configuration. You cannot modify a read-only configuration. | 更新配置失败，您不能对设置为只读的配置进行修改。 |
| 400 | ConfigValueInvalid | An error occurred while resolving the configuration values. Please make sure the value type and constraints is consistent with the declared type. Types currently supported by WebPlus are: String, Integer, List, Boolean, Float, Json. | 更新配置失败，对配置值的解析失败，请务必确保值的类型与约束与声明的类型保持一致，目前WebPlus配置支持的类型有：String, Integer, List, Boolean, Float, Json |
| 404 | AppPackageNotExists | An application deployment package is required to create or update a deployment environment. For the first time of using WebPlus, we recommend that you use a sample project. | 创建/更新一个部署环境时，需要使用真实的应用部署包；如您是首次尝试使用WebPlus，可以选择样例工程完成您的首次尝试。 |
| 400 | AppPackageOwnedByOthers | The version of the application package used must be consistent with the application to which the environment belongs. | 当创建/更新一个环境的版本信息时，所使用的应用部署包版本必须与环境所属的应用一致。 |
| 400 | AppNotExist | A corresponding application was not found based on the application ID. | 根据应用ID没有找到对应的应用。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-------------------------------|--|--|
| 404 | StackNotExists | The declared software stack information does not exist. | 创建应用/更新应用环境时，所声明的软件栈信息不存在。 |
| 400 | AppCategoryNotMatchWithStacks | The application type declared in the application does not match the type of the software stack. Please make sure that the types are consistent and then try again. | 应用中所声明的应用类型与软件栈中的应用类型不匹配，需要确保两边一致后再进行重试。 |
| 400 | TemplateUpdateFailed | An error occurred while updating the template. The template may have been deleted, or an error may have occurred in WebPlus. | 配置模版更新失败，有可能模版已经被删除或 WebPlus 服务发生错误。 |

访问[错误中心](#)查看更多错误码。

13. 配置

13.1. DescribeConfigSettings

调用DescribeConfigSettings查询配置设置。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/config/configSetting HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------|--------|------|------------------------------|--------|
| EnvId | String | 否 | we-5d3eaaea2977ca5251e***** | 环境ID |
| TemplateId | String | 否 | wct-5d3e9d2a2977ca5251e***** | 配置模板ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|-------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigSettings | | | 配置设置 |
| OptionName | String | intervalSeconds | 选项名称 |
| PathName | String | application.healthCheck | 路径名称 |
| SettingValue | String | 3 | 配置设置值 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | F4D6243F-67B6-4528-A3CA-A963E12***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/config/configSetting?EnvId=we-5d3eaaea2977ca5251e0*****&<公共请求头>
```

正常返回示例

XML 格式

```
<DescribeConfigSettingsResponse>
  <Message>success</Message>
  <RequestId>E58B7568-F362-4989-9129-25082E6*****</RequestId>
  <ConfigSettings>
    <ConfigSetting>
      <SettingValue></SettingValue>
      <PathName>application.commands</PathName>
      <OptionName>start</OptionName>
    </ConfigSetting>
    <ConfigSetting>
      <SettingValue></SettingValue>
      <PathName>application.commands</PathName>
      <OptionName>stop</OptionName>
    </ConfigSetting>
    <ConfigSetting>
      <SettingValue>[]</SettingValue>
      <PathName>application.environmentVariables</PathName>
      <OptionName>value</OptionName>
    </ConfigSetting>
    <ConfigSetting>
      <SettingValue>3</SettingValue>
      <PathName>application.healthCheck</PathName>
      <OptionName>intervalSeconds</OptionName>
    </ConfigSetting>
    <ConfigSetting>
      <SettingValue></SettingValue>
      <PathName>application.healthCheck</PathName>
      <OptionName>path</OptionName>
    </ConfigSetting>
    <ConfigSetting>
      <SettingValue>3</SettingValue>
      <PathName>application.healthCheck</PathName>
      <OptionName>retryCount</OptionName>
    </ConfigSetting>
  </ConfigSettings>
</DescribeConfigSettingsResponse>
```

```
<ConfigSetting>
  <SettingValue>3</SettingValue>
  <PathName>application.healthCheck</PathName>
  <OptionName>timeoutSeconds</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>http</SettingValue>
  <PathName>application.healthCheck</PathName>
  <OptionName>type</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>application.jvmOpts</PathName>
  <OptionName>value</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>180</SettingValue>
  <PathName>application.option</PathName>
  <OptionName>maxStartDuration</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>8080</SettingValue>
  <PathName>application.option</PathName>
  <OptionName>port</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>20190729.161414</SettingValue>
  <PathName>application.package</PathName>
  <OptionName>label</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>webplus-tomcat-demo-0.1.1.war</SettingValue>
  <PathName>application.package</PathName>
  <OptionName>storageKey</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>application.package</PathName>
  <OptionName>url</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>application.tomcatServerXml</PathName>
  <OptionName>serverConfig</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>hooks</PathName>
  <OptionName>postinit</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>hooks</PathName>
  <OptionName>poststart</OptionName>
</ConfigSetting>
```

```
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>hooks</PathName>
  <OptionName>poststop</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>hooks</PathName>
  <OptionName>prestart</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>hooks</PathName>
  <OptionName>prestop</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>tomcat 8 openjdk 8</SettingValue>
  <PathName>platform</PathName>
  <OptionName>buildpack</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>Tomcat</SettingValue>
  <PathName>platform</PathName>
  <OptionName>category</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>aliyunlinux</SettingValue>
  <PathName>platform</PathName>
  <OptionName>os</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>2.1903</SettingValue>
  <PathName>platform</PathName>
  <OptionName>osVersion</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</SettingValue>
  <PathName>platform</PathName>
  <OptionName>stackName</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>nginx</SettingValue>
  <PathName>proxy</PathName>
  <OptionName>type</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>2.4.6</SettingValue>
  <PathName>proxy.apache</PathName>
  <OptionName>version</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>1.14.2</SettingValue>
  <PathName>proxy.nginx</PathName>
```

```

    <OptionName>version</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue></SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>dataDiskInfo</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>>true</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>enableInternet</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>WebPlus-baiji-env</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceName</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>1</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceNum</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>["ecs.t5-*****.small","ecs.*****.small","ecs.*****.tiny","ecs.*****.large"]</SettingValue>
  >
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceType</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>PayByTraffic</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>internetChargeType</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>100</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>internetMaxBandwidthIn</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>50</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>internetMaxBandwidthOut</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>>true</SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>ioOptimized</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue></SettingValue>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>keyPairName</OptionName>
  </ConfigSetting>
  <ConfigSetting>
    <SettingValue>BALANCE</SettingValue>
  >

```

```
<SettingValue>BALANCE</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>multiAzPolicy</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>>false</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>passwordInherit</OptionName>
</ConfigSetting>
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<PathName>resources.ecs.autoScaling</PathName>
<OptionName>ramRoleName</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>release</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>scalingPolicy</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>[]</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>securityGroupIds</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>cloud_efficiency</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>systemDiskCategory</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>100</SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>systemDiskSize</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue></SettingValue>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>userData</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>{"vpcId":"","vSwitches":[]}</SettingValue>
<PathName>resources.network</PathName>
<OptionName>vpcOption</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue>webplus</SettingValue>
<PathName>resources.rds</PathName>
<OptionName>accountName</OptionName>
</ConfigSetting>
<ConfigSetting>
<SettingValue></SettingValue>
<PathName>resources.rds</PathName>
<OptionName>accountPassword</OptionName>
</ConfigSetting>
</ConfigSetting>
```

```
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>category</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>characterSetName</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>webplus</SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>databaseName</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>dbInstanceClass</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>>false</SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>enable</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>engine</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>engineVersion</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>>false</SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>imported</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>rdsId</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>100</SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>storageSize</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>storageType</OptionName>
</ConfigSetting>
```

```
<ConfigSetting>
  <SettingValue>[]</SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>vSwitches</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.rds</PathName>
  <OptionName>zoned</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>80</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>backendPort</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>-1</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>bandwidth</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>>false</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>enable</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>forwardingRule</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>/</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>healthCheckUrl</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>paybytraffic</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>internetChargeType</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>80</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>listenerPort</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>slb.s1.small</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>loadBalancerSpec</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>http</SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>protocol</OptionName>
</ConfigSetting>
```



```
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.slb.internet</PathName>
  <OptionName>slbId</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>80</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>backendPort</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>-1</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>bandwidth</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>>false</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>enable</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>forwardingRule</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>/</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>healthCheckUrl</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>paybytraffic</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>internetChargeType</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>80</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>listenerPort</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>slb.s1.small</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>loadBalancerSpec</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue>http</SettingValue>
  <PathName>resources.slb.intranet</PathName>
  <OptionName>protocol</OptionName>
</ConfigSetting>
<ConfigSetting>
  <SettingValue></SettingValue>
  <PathName>resources.slb.intranet</PathName>
```

```
<OptionName>slbId</OptionName>
</ConfigSetting>
</ConfigSettings>
<Code>OK</Code>
</DescribeConfigSettingsResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "F4D6243F-67B6-4528-A3CA-A963E12*****",
  "ConfigSettings": {
    "ConfigSetting": [
      {
        "SettingValue": "",
        "PathName": "application.commands",
        "OptionName": "start"
      },
      {
        "SettingValue": "",
        "PathName": "application.commands",
        "OptionName": "stop"
      },
      {
        "SettingValue": "[]",
        "PathName": "application.environmentVariables",
        "OptionName": "value"
      },
      {
        "SettingValue": "3",
        "PathName": "application.healthCheck",
        "OptionName": "intervalSeconds"
      },
      {
        "SettingValue": "/",
        "PathName": "application.healthCheck",
        "OptionName": "path"
      },
      {
        "SettingValue": "3",
        "PathName": "application.healthCheck",
        "OptionName": "retryCount"
      },
      {
        "SettingValue": "3",
        "PathName": "application.healthCheck",
        "OptionName": "timeoutSeconds"
      },
      {
        "SettingValue": "http",
        "PathName": "application.healthCheck",
        "OptionName": "type"
      },
      {

```

```
"SettingValue":"","  
"PathName":"application.jvmOpts",  
"OptionName":"value"  
},  
{  
"SettingValue":"180",  
"PathName":"application.option",  
"OptionName":"maxStartDuration"  
},  
{  
"SettingValue":"8080",  
"PathName":"application.option",  
"OptionName":"port"  
},  
{  
"SettingValue":"20190729.161414",  
"PathName":"application.package",  
"OptionName":"label"  
},  
{  
"SettingValue":"webplus-tomcat-demo-0.1.1.war",  
"PathName":"application.package",  
"OptionName":"storageKey"  
},  
{  
"SettingValue":"","  
"PathName":"application.package",  
"OptionName":"url"  
},  
{  
"SettingValue":"","  
"PathName":"application.tomcatServerXml",  
"OptionName":"serverConfig"  
},  
{  
"SettingValue":"","  
"PathName":"hooks",  
"OptionName":"postinit"  
},  
{  
"SettingValue":"","  
"PathName":"hooks",  
"OptionName":"poststart"  
},  
{  
"SettingValue":"","  
"PathName":"hooks",  
"OptionName":"poststop"  
},  
{  
"SettingValue":"","  
"PathName":"hooks",  
"OptionName":"prestart"  
},  
}
```

```
{
  "SettingValue": "",
  "PathName": "hooks",
  "OptionName": "prestop"
},
{
  "SettingValue": "tomcat 8 openjdk 8",
  "PathName": "platform",
  "OptionName": "buildpack"
},
{
  "SettingValue": "Tomcat",
  "PathName": "platform",
  "OptionName": "category"
},
{
  "SettingValue": "aliyunlinux",
  "PathName": "platform",
  "OptionName": "os"
},
{
  "SettingValue": "2.1903",
  "PathName": "platform",
  "OptionName": "osVersion"
},
{
  "SettingValue": "Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903",
  "PathName": "platform",
  "OptionName": "stackName"
},
{
  "SettingValue": "nginx",
  "PathName": "proxy",
  "OptionName": "type"
},
{
  "SettingValue": "2.4.6",
  "PathName": "proxy.apache",
  "OptionName": "version"
},
{
  "SettingValue": "1.14.2",
  "PathName": "proxy.nginx",
  "OptionName": "version"
},
{
  "SettingValue": "",
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "dataDiskInfo"
},
{
  "SettingValue": "true",
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "enableInternet"
},
,
```

```
},
{
  "SettingValue":"WebPlus-baiji-env",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"instanceName"
},
{
  "SettingValue":"1",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"instanceNum"
},
{
  "SettingValue":["ecs.t5-****\\", "ecs.****.small\\", "ecs.****.tiny\\", "ecs.****g5.large\\"],
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"instanceType"
},
{
  "SettingValue":"PayByTraffic",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"internetChargeType"
},
{
  "SettingValue":"100",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"internetMaxBandwidthIn"
},
{
  "SettingValue":"50",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"internetMaxBandwidthOut"
},
{
  "SettingValue":"true",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"ioOptimized"
},
{
  "SettingValue":"",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"keyPairName"
},
{
  "SettingValue":"BALANCE",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"multiAzPolicy"
},
{
  "SettingValue":"false",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"passwordInherit"
},
{
  "SettingValue":"AliyunECSInstanceForWebPlusRole",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"ramRoleName"
```

```
OptionName : ramRoleName
},
{
  "SettingValue":"release",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"scalingPolicy"
},
{
  "SettingValue":"[]",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"securityGroupIds"
},
{
  "SettingValue":"cloud_efficiency",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"systemDiskCategory"
},
{
  "SettingValue":"100",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"systemDiskSize"
},
{
  "SettingValue":"",
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"userData"
},
{
  "SettingValue":"{\"vpcId\":\"\",\"vSwitches\":[]}",
  "PathName":"resources.network",
  "OptionName":"vpcOption"
},
{
  "SettingValue":"webplus",
  "PathName":"resources.rds",
  "OptionName":"accountName"
},
{
  "SettingValue":"",
  "PathName":"resources.rds",
  "OptionName":"accountPassword"
},
{
  "SettingValue":"",
  "PathName":"resources.rds",
  "OptionName":"category"
},
{
  "SettingValue":"",
  "PathName":"resources.rds",
  "OptionName":"characterSetName"
},
{
  "SettingValue":"webplus",
  "PathName":"resources.rds".
```

```
    "OptionName": "databaseName"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "dbInstanceClass"
  },
  {
    "SettingValue": "false",
    "PathName": "resources.rds",
    "OptionName": "enable"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "engine"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "engineVersion"
  },
  {
    "SettingValue": "false",
    "PathName": "resources.rds",
    "OptionName": "imported"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "rdslid"
  },
  {
    "SettingValue": "100",
    "PathName": "resources.rds",
    "OptionName": "storageSize"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "storageType"
  },
  {
    "SettingValue": "[]",
    "PathName": "resources.rds",
    "OptionName": "vSwitches"
  },
  {
    "SettingValue": "",
    "PathName": "resources.rds",
    "OptionName": "zoneId"
  },
  {
    "SettingValue": "80",
```

```
"PathName": "resources.slb.internet",
"OptionName": "backendPort"
},
{
  "SettingValue": "-1",
  "PathName": "resources.slb.internet",
  "OptionName": "bandwidth"
},
{
  "SettingValue": "false",
  "PathName": "resources.slb.internet",
  "OptionName": "enable"
},
{
  "SettingValue": "",
  "PathName": "resources.slb.internet",
  "OptionName": "forwardingRule"
},
{
  "SettingValue": "/",
  "PathName": "resources.slb.internet",
  "OptionName": "healthCheckUrl"
},
{
  "SettingValue": "paybytraffic",
  "PathName": "resources.slb.internet",
  "OptionName": "internetChargeType"
},
{
  "SettingValue": "80",
  "PathName": "resources.slb.internet",
  "OptionName": "listenerPort"
},
{
  "SettingValue": "slb.s1.small",
  "PathName": "resources.slb.internet",
  "OptionName": "loadBalancerSpec"
},
{
  "SettingValue": "http",
  "PathName": "resources.slb.internet",
  "OptionName": "protocol"
},
{
  "SettingValue": "",
  "PathName": "resources.slb.internet",
  "OptionName": "slbId"
},
{
  "SettingValue": "80",
  "PathName": "resources.slb.intranet",
  "OptionName": "backendPort"
},
{
```



```
"SettingValue": "-1",
"PathName": "resources.slb.intranet",
"OptionName": "bandwidth"
},
{
"SettingValue": "false",
"PathName": "resources.slb.intranet",
"OptionName": "enable"
},
{
"SettingValue": "",
"PathName": "resources.slb.intranet",
"OptionName": "forwardingRule"
},
{
"SettingValue": "/",
"PathName": "resources.slb.intranet",
"OptionName": "healthCheckUrl"
},
{
"SettingValue": "paybytraffic",
"PathName": "resources.slb.intranet",
"OptionName": "internetChargeType"
},
{
"SettingValue": "80",
"PathName": "resources.slb.intranet",
"OptionName": "listenerPort"
},
{
"SettingValue": "slb.s1.small",
"PathName": "resources.slb.intranet",
"OptionName": "loadBalancerSpec"
},
{
"SettingValue": "http",
"PathName": "resources.slb.intranet",
"OptionName": "protocol"
},
{
"SettingValue": "",
"PathName": "resources.slb.intranet",
"OptionName": "slbId"
}
]
},
"Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

13.2. DescribeConfigOptions

调用DescribeConfigOptions查询配置选项信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/config/configOption HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------------|--------|------|------------------------------|---|
| EnvId | String | 否 | w5-6c937c98a9c0296d0c48***** | 环境ID |
| ProfileName | String | 否 | StandAlone | 初始化配置类型，可选以下值： <ul style="list-style-type: none"> HighAvailability：高可用，该配置会将实例数设置为2，同时启用公网SLB StandAlone：低成本，该配置会将实例数设置为1 |
| StackId | String | 否 | we-5d3eaaea2977ca5251e***** | 技术栈类型 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|--------|--------------------------------------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | EB4D295F-18CE-413D-85BE-EFCB508***** | 请求ID |
| StackConfigOption | | | 技术栈配置信息 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|---|---------|
| ConfigOptions | | | 配置选项列表 |
| ChangeSeverity | String | NoInterruption | 变更重要性 |
| DefaultValue | String | "" | 默认值 |
| EditorType | String | {"component": "Editor", "props": {}} | 编辑类型 |
| HiddenOption | Boolean | false | 是否是隐藏选项 |
| MaxLength | Integer | 1024 | 最大长度 |
| MaxValue | Long | -1 | 最大值 |
| MinLength | Integer | 0 | 最小长度 |
| MinValue | Long | -1 | 最小值 |
| OptionDescription | String | Web+ uses this command to launch an application | 选项描述信息 |
| OptionLabel | String | Start Command | 可选项标签 |
| OptionName | String | start | 可选项名称 |
| PathName | String | application.commands | 路径名称 |
| ReadOnlyOption | Boolean | false | 是否为只读选项 |
| RegexDesc | String | "" | 正则匹配描述 |
| RegexPattern | String | "" | 正则匹配模式 |
| ValueOptions | String | "" | 值类型的选项 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|---|-------|
| ValueType | String | String | 值类型 |
| StackId | String | ws-6c937c98a9c0296d0c48***** | 技术栈类型 |
| StackName | String | Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/config/configOption?EnvId=we-5d3eaaea2977ca5251e*****&ProfileName=StandAlone&StackId=ws-6c937c98a9c0296d0c48*****&<公共请求头>
```

正常返回示例

XML 格式

```
<DescribeConfigOptionsResponse>
  <Message>success</Message>
  <RequestId>EB4D295F-18CE-413D-85BE-EFCB508*****</RequestId>
  <StackConfigOption>
    <StackId>ws-6c937c98a9c0296d0c48*****</StackId>
    <ConfigOptions>
      <ConfigOption>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"Editor","props":{}}</EditorType>
        <DefaultValue></DefaultValue>
        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>application.commands</PathName>
        <OptionName>start</OptionName>
        <OptionLabel>Start Command</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        <ReadOnlyOption>>false</ReadOnlyOption>
        <MaxLength>1024</MaxLength>
        <ValueOptions></ValueOptions>
        <HiddenOption>>false</HiddenOption>
        <MinLength>0</MinLength>
        <OptionDescription>Web+ uses this command to launch an application</OptionDescription>
      </ConfigOption>
      <ConfigOption>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"Editor","props":{}}</EditorType>
        <DefaultValue></DefaultValue>
```

```

<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.commands</PathName>
<OptionName>stop</OptionName>
<OptionLabel>Stop Command</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>1024</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Web+ uses this command to stop the application</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>JSON</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"KVListEditor","props":{}}</EditorType>
  <DefaultValue>[]</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.environmentVariables</PathName>
  <OptionName>value</OptionName>
  <OptionLabel>Environmental Variables</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>16384</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The environment variable used to launch the app.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Select","props":{}}</EditorType>
  <DefaultValue>http</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.healthCheck</PathName>
  <OptionName>type</OptionName>
  <OptionLabel>Health Check Type</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>16</MaxLength>
  <ValueOptions>[{"value":"http","label":"HTTP"},{"value":"tcp","label":"TCP"}</ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The type of protocol used by the health check, currently supporting TCP and HT
  TP, Web+ will periodically send health check requests to the application's service port to determine if the ap
  plication is healthy.</OptionDescription>
</ConfigOption>
<ConfigOption>

```

```

<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.healthCheck</PathName>
<OptionName>path</OptionName>
<OptionLabel>Health Check URL</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>256</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
  <OptionDescription>Web+ will request this URL and judge whether the application is healthy accordi
ng to the response code. If a non-20x/30x response code is received or the response times out, it is determin
ed that the single health check failed.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>1</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
  <DefaultValue>3</DefaultValue>
  <MaxValue>30</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.healthCheck</PathName>
  <OptionName>retryCount</OptionName>
  <OptionLabel>Health Check Retry Count</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>If the health check retry exceeds this number, it is determined that the health ch
eck failed.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>1</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
  <DefaultValue>3</DefaultValue>
  <MaxValue>60</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.healthCheck</PathName>
  <OptionName>intervalSeconds</OptionName>
  <OptionLabel>Health Check Interval (Seconds)</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>

```

```

    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>When an inspection fails, the interval to the next health check is long.</OptionD
description>
  </ConfigOption>
  <ConfigOption>
    <MinValue>1</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
    <DefaultValue>3</DefaultValue>
    <MaxValue>60</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.healthCheck</PathName>
    <OptionName>timeoutSeconds</OptionName>
    <OptionLabel>Health Check Timeout (Seconds)</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The timeout period for a single health check.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"TextArea","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.jvmOpts</PathName>
    <OptionName>value</OptionName>
    <OptionLabel>JVM Options</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>16384</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Set the Java virtual machine parameters used to launch the application.</Optio
nDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>1024</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
    <DefaultValue>8080</DefaultValue>
    <MaxValue>65535</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.option</PathName>
    <OptionName>port</OptionName>

```

```

</OptionName></OptionName>
<OptionLabel>Server Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>This port will be used as the HTTP service port after the application is launched,
and ports from 1024 to 65535 can be used.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>0</MinValue>
<ValueType>Integer</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"NumberPicker","props":{}}</EditorType>
<DefaultValue>180</DefaultValue>
<MaxValue>180</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.option</PathName>
<OptionName>maxStartDuration</OptionName>
<OptionLabel>Application Max Start Duration (Seconds)</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>If the health check status is still incorrect during this time after the application i
s started, the application is considered to have failed to start.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern>^[A-Za-z0-9_\.]{1,64}$</RegexPattern>
<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.package</PathName>
<OptionName>label</OptionName>
<OptionLabel>Package Label</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>64</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Web+ will use this version of the deployment package to deploy ECS instances.<
/OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>

```



```

<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.package</PathName>
<OptionName>storageKey</OptionName>
<OptionLabel>Package File Name</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>256</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Web+ will deploy this file to the ECS instance.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Input","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.package</PathName>
  <OptionName>url</OptionName>
  <OptionLabel>Package URL</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>1024</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Configure the URL of package.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"FileUploader","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.tomcatServerXml</PathName>
  <OptionName>serverConfig</OptionName>
  <OptionLabel>Tomcat Configuration File</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>256</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Use this file to replace Tomcat's server.xml configuration</OptionDescription>
</ConfigOption>
</ConfigOption>

```

```

<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Editor","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
<OptionName>prestart</OptionName>
<OptionLabel>PreStart</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>1024</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Web+ will call this command before the app starts</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Editor","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>hooks</PathName>
  <OptionName>poststart</OptionName>
  <OptionLabel>PostStart</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>1024</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Web+ will call this command after the app launches</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Editor","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>hooks</PathName>
  <OptionName>prestop</OptionName>
  <OptionLabel>PreStop</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>1024</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>

```

```

    <OptionDescription>Web+ will call this command before the application stops</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>hooks</PathName>
    <OptionName>poststop</OptionName>
    <OptionLabel>PostStop</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will call this command after the app has stopped</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>hooks</PathName>
    <OptionName>postinit</OptionName>
    <OptionLabel>Postinit</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
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    <MinLength>0</MinLength>
    <OptionDescription>Web+ will call this command when the application is initialized</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
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    <DefaultValue>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>platform</PathName>
    <OptionName>stackName</OptionName>
    <OptionLabel>Software Stack</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>true</ReadOnlyOption>

```

```

    <MaxLength>64</MaxLength>
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    <HiddenOption>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Contains the operating system, development language, container type, etc.</O
ptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>String</ValueType>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>platform</PathName>
    <OptionName>os</OptionName>
    <OptionLabel>Operating System</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>true</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Operating system used</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>platform</PathName>
    <OptionName>osVersion</OptionName>
    <OptionLabel>Operating System Version</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>true</ReadOnlyOption>
    <MaxLength>16</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>false</HiddenOption>
    <MinLength>0</MinLength>
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  </ConfigOption>
  <ConfigOption>
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    <ValueType>String</ValueType>
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    <DefaultValue>tomcat 8 openjdk 8</DefaultValue>
    <MaxValue>-1</MaxValue>
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    <PathName>platform</PathName>
    <OptionName>buildpack</OptionName>

```

```

<Optionname>buildpack</Optionname>
<OptionLabel>Buildpack</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
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</ConfigOption>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>platform</PathName>
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<OptionLabel>Platform Category</OptionLabel>
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<ValueOptions></ValueOptions>
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<MinLength>0</MinLength>
<OptionDescription>JAVA, Tomcat, PHP, Go, etc.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>proxy</PathName>
<OptionName>type</OptionName>
<OptionLabel>Reverse Proxy Type</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>false</ReadOnlyOption>
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<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The reverse proxy type used. After the reverse proxy starts, it will listen to the instance's port 80. Make sure that the port is not occupied by other programs. The reverse proxy will forward the received HTTP request to the application's service port.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>

```

```

    <RegexDesc></RegexDesc>
    <PathName>proxy.apache</PathName>
    <OptionName>version</OptionName>
    <OptionLabel>Apache HTTP Server Version</OptionLabel>
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    <OptionDescription>Apache HTTP Server version used</OptionDescription>
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<ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component": "Select", "props": {}}</EditorType>
    <DefaultValue>1.14.2</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>proxy.nginx</PathName>
    <OptionName>version</OptionName>
    <OptionLabel>Nginx Version</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
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    <ValueType>List</ValueType>
    <RegexPattern></RegexPattern>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceType</OptionName>
    <OptionLabel>Instance Type</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>10</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The instance specification used by the deployment environment, Web+ will create an ECS instance using the selected specifications. Multiple specifications can be selected. When the selected specifications are insufficient, Web+ will attempt to create in the order selected, up to 10 instance speci

```

```

cations. An ECS instance created by Web+, using the//help.aliyun.com/knowledge_detail/40653.html">Pa
y As You Go</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
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    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceName</OptionName>
    <OptionLabel>Instance Name</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>128</MaxLength>
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    <MinLength>1</MinLength>
    <OptionDescription>Instance name used</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
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    <MaxValue>100</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>instanceNum</OptionName>
    <OptionLabel>Instance Number</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The number of instances used, Web+ will expand or shrink the deployment envi
ronment based on this number.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>List</ValueType>
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    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>securityGroupIds</OptionName>
    <OptionLabel>Security Groups</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>

```

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<MinLength>0</MinLength>
<OptionDescription>The security group used by the instance can select up to 5 security groups.</Op
tionDescription>
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<ConfigOption>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>ramRoleName</OptionName>
  <OptionLabel>ECS RAM Role Name</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>true</ReadOnlyOption>
  <MaxLength>64</MaxLength>
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  <HiddenOption>>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>RAM role name used by ECS instances created by Web+</OptionDescription>
</ConfigOption>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
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  <OptionLabel>Key Pair Name</OptionLabel>
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  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>64</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Key pair, used for SSH login, please refer to 

```



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<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>scalingPolicy</OptionName>
<OptionLabel>Scaling Policy</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>16</MaxLength>
<ValueOptions>[{"value":"recycle","label":"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}"}, {"value":"release","label":"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}"}]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Recycling mode when the ECS instance is shrunk, optional release mode or shut down recovery mode.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
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<OptionLabel>User Data</OptionLabel>
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<MaxLength>16384</MaxLength>
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<MinLength>0</MinLength>
<OptionDescription>Configure ECS user data, refer to ECS User Data Practices</a>.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
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<RegexPattern></RegexPattern>
<EditorType>{"component":"DataDiskEditor","props":{}}</EditorType>
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<RegexDesc></RegexDesc>
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<OptionName>dataDiskInfo</OptionName>
<OptionLabel>Data Disk Information</OptionLabel>
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<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Configure information about the data disk.</OptionDescription>
</ConfigOption>
</ConfigOptions>

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  <RegexPattern></RegexPattern>
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  <MaxValue>500</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>systemDiskSize</OptionName>
  <OptionLabel>System Disk Size</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>System disk size (GB)</OptionDescription>
</ConfigOption>
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  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
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  <EditorType>{"component":"Select","props":{}}</EditorType>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>systemDiskCategory</OptionName>
  <OptionLabel>System Disk Category</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions>["cloud","cloud_efficiency","cloud_ssd","ephemeral_ssd"]</ValueOptions>
  <HiddenOption>true</HiddenOption>
  <MinLength>1</MinLength>
  <OptionDescription>The disk type of the system disk, optional: cloud, cloud_efficiency, cloud_ssd, e
phemeral_ssd.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
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  <MaxValue>-1</MaxValue>
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  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>multiAzPolicy</OptionName>
  <OptionLabel>Multiple Zones Policy</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions>["PRIORITY","COST_OPTIMIZED","BALANCE"]</ValueOptions>
  <HiddenOption>true</HiddenOption>

```

```

    <HiddenOption>true</HiddenOption>
    <MinLength>1</MinLength>
    <OptionDescription>Multi-AZ scaling group used by Web+ ECS instance expansion and contraction strategy, optional priority policy or balancing policy.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>Boolean</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Switch","props":{}}</EditorType>
    <DefaultValue>true</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>enableInternet</OptionName>
    <OptionLabel>Enable Public IP</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Whether the public network IP address is enabled. If enabled, the ECS instance in the deployment environment can be accessed from the public network. Pay attention to the security configuration. The public network service provided by the ECS instance may incur charges. Please refer to public network bandwidth billing</a>. </OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Switch","props":{}}</EditorType>
    <DefaultValue>PayByTraffic</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>internetChargeType</OptionName>
    <OptionLabel>Internet Charge Type</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions>\["PayByBandwidth","PayByTraffic"\]</ValueOptions>
    <HiddenOption>true</HiddenOption>
    <MinLength>1</MinLength>
    <OptionDescription>The network charge type can be selected to be charged by flow rate or by bandwidth.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>1</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
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    <MaxValue>200</MaxValue>

```

```

<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>internetMaxBandwidthIn</OptionName>
<OptionLabel>Max Bandwidth Inbound</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The maximum bandwidth of the public network is in Mbps (Mega bit per second)
, and the value ranges from 1 to 200.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>0</MinValue>
<ValueType>Integer</ValueType>
<RegexPattern></RegexPattern>
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<MaxValue>100</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>internetMaxBandwidthOut</OptionName>
<OptionLabel>Max Bandwidth Outbound</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The maximum bandwidth of the public network, in Mbps (Mega bit per second),
the value range is 0-100.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>Boolean</ValueType>
<RegexPattern></RegexPattern>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>ioOptimized</OptionName>
<OptionLabel>IO Optimized</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Whether to create I/O optimization instances.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>

```

```

<ValueType>Boolean</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Switch","props":{}}</EditorType>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
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<OptionLabel>Password Inherit</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Whether to use the password of the mirror preset. When using this parameter, the password used by the mirror must be preset.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>JSON</ValueType>
  <RegexPattern></RegexPattern>
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  <DefaultValue>{"vpcId":"","vSwitches":[]}</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.network</PathName>
  <OptionName>vpcOption</OptionName>
  <OptionLabel>Network Options</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>1024</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>For VPCs and switches used in the deployment environment, if multiple switches are selected, Web+ will distribute the ECS instances equally across the selected switches. New VPCs and switches can be created in the //vpc.console.aliyun.com" target="_blank"&gt;VPC console</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>Boolean</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Switch","props":{}}</EditorType>
  <DefaultValue>>false</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>enable</OptionName>
  <OptionLabel>Enable</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>

```

```

<ValueOptions></ValueOptions>
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<MinLength>0</MinLength>
<OptionDescription>The Aliyun Relational Database Service is a stable, resilient, scalable online data
base service that supports MySQL, SQL Server, PostgreSQL, PPAS, and MariaDB TX engines. It also provides
a complete solution for disaster tolerance, backup, recovery, monitoring, migration, and more. For more inf
ormation, please refer to "What is Cloud Database RDS"
</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>Boolean</ValueType>
<RegexPattern></RegexPattern>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>imported</OptionName>
<OptionLabel>Use existed instance</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Please import an existing RDS instance. Under this scenario, you need to ensure
that the corresponding database, account and password exist on the instance. And Web+ will send the provi
ded connection information to the application.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
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<RegexPattern></RegexPattern>
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<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>rdsId</OptionName>
<OptionLabel>Database Instance</OptionLabel>
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<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Please select the database instance you want to import</OptionDescription>
</ConfigOption>
<ConfigOption>
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<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>rdsZoneId</OptionName>
<OptionLabel>Database Instance Zone</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Please select the database instance zone you want to import</OptionDescription>
</ConfigOption>

```

```

    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>zoneId</OptionName>
    <OptionLabel>Zone</OptionLabel>
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    <MinLength>0</MinLength>
    <OptionDescription>Please select the available zone where the RDS instance is located</OptionDesc
ription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>JSON</ValueType>
    <RegexPattern></RegexPattern>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>vSwitches</OptionName>
    <OptionLabel>Zone and VSwitch</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Please select the zone and switch where the RDS instance is located (the star-m
arked switch is the default switch for the current environment)</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
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    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>engine</OptionName>
    <OptionLabel>Database Type</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>RDS supports database types such as MySQL, PostgreSQL, SQL Server, MariaDB
TX, and PPAS (Postgre Plus Advanced Server, highly compatible Oracle Database).</OptionDescription>
  </ConfigOption>

```

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</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
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  <OptionLabel>Database version</OptionLabel>
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  <OptionDescription>Choose the right database engine version for your business needs</OptionDesc
ription>
</ConfigOption>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>storageType</OptionName>
  <OptionLabel>Storage Type</OptionLabel>
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  <ReadOnlyOption>>false</ReadOnlyOption>
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  <ValueOptions></ValueOptions>
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  <OptionDescription>to meet the needs of different scenarios, cloud database RDS offers three types
of data storage: local_ssd , cloud_ssd , and cloud_essd. It is recommended to use the local SSD disk to store
data on the local SSD disk, which can reduce I/O latency. Detail can be referenced here <a target="_blan
k" href="//help.aliyun.com/knowledge_detail/69795.html">Storage type</a>。 </OptionDescription>
</ConfigOption>
<ConfigOption>
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  <ValueType>Integer</ValueType>
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  <DefaultValue>100</DefaultValue>
  <MaxValue>10000</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>storageSize</OptionName>
  <OptionLabel>Storage size</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>

```



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<MinLength>0</MinLength>
<OptionDescription>Choose the right storage size for your business needs (in GB)</OptionDescription>
n>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>dbInstanceClass</OptionName>
  <OptionLabel>Instance Class</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
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  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Cloud database RDS offers two instance size families, both generic and exclusive. Generic instance has universal exclusive allocated memory and I/O resources but share CPU and storage resources with other generic instances on the same physical machine. Exclusive instance has exclusive cpu, memory, storage, and I/O resources and performance that is not affected by the behavior of other instances on the physical machine. See in detail Instance Specification Family.</OptionDescription>
</ConfigOption>
<ConfigOption>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>databaseName</OptionName>
  <OptionLabel>Database Name</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>64</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The name of the database. Under purchasing scenario, Web+ will help you create the database (except PostgreSQL, PPAS, and SQL Server 2017 Cluster Edition, which you can do with CREATE DATABASE in SQL), and under the import scenario you need to ensure that the database already exists.</OptionDescription>
</ConfigOption>

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  <RegexPattern></RegexPattern>
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  <OptionName>characterSetName</OptionName>
  <OptionLabel>Character Set</OptionLabel>
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  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>64</MaxLength>
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  <MinLength>0</MinLength>
  <OptionDescription>The character set of the database, MySQL and MariaDB by default takes utf8mb
4, SQL Server by default takes Chinese-PRC-CI-AS</OptionDescription>
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  <EditorType>{"component":"Input","props":{}}</EditorType>
  <DefaultValue>webplus</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
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  <OptionLabel>Account Name</OptionLabel>
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  <MaxLength>32</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The database account. Under the purchasing scenario, Web+ will help you creat
e and maintain this account on the instance, and under the import scenario you need to ensure that the acc
ount is correct.</OptionDescription>
</ConfigOption>
<ConfigOption>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
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  <OptionName>accountPassword</OptionName>
  <OptionLabel>Password</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
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```

```

    <MaxLength>1024</MaxLength>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The password of the database account. Under the purchasing scenario, Web+ will ensure that the account is consistent with the password, and under the import scene you need to ensure that the password is correct.(Password rule is: uppercase, lowercase, number, special characters accounted for three, length 8-32 bits, special characters for </OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <MaxValue>-1</MaxValue>
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    <OptionName>category</OptionName>
    <OptionLabel>Category</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Cloud database RDS include four series: Basic, High Available, Cluster, and Financial. Details can be found here <a target="_blank" href="//help.aliyun.com/document_detail/55665.html">Overview of the product line</a>。 </OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
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    <OptionName>enable</OptionName>
    <OptionLabel>Enable Internet SLB</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Whether to enable the public network SLB, if there are multiple instances of the deployment environment, you can use SLB for load balancing, which can be controlled in <a href="//slb.console.aliyun.com" target="_blank">SLB Desk</a> creates or configures an SLB. </OptionDescription>
  </ConfigOption>
  <ConfigOption>
    ...
  </ConfigOption>

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```

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<OptionName>slbId</OptionName>
<OptionLabel>Internet SLB</OptionLabel>
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<ReadOnlyOption>>false</ReadOnlyOption>
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<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Use an existing SLB instance or automatically purchase an SLB instance from We
b+.</OptionDescription>
</ConfigOption>
<ConfigOption>
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  <ValueType>Integer</ValueType>
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  <MaxValue>65535</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>listenerPort</OptionName>
  <OptionLabel>Internet SLB Listener Port</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The listening port of the public network SLB can use this port to access applicati
ons from the public network.</OptionDescription>
</ConfigOption>
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  <MaxValue>-1</MaxValue>
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  <OptionName>protocol</OptionName>
  <OptionLabel>Internet SLB Protocol</OptionLabel>
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```

```

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  <OptionDescription>Protocol used by the internet SLB</OptionDescription>
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  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>forwardingRule</OptionName>
  <OptionLabel>Internet SLB Forwarding Rule</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>false</ReadOnlyOption>
  <MaxLength>128</MaxLength>
  <ValueOptions></ValueOptions>
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  <MinLength>0</MinLength>
  <OptionDescription>Forwarding rules used by the internet SLB. The forwarding rule is in the format
of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.t
aobao.com, /test are all correct forwarding rules.</OptionDescription>
</ConfigOption>
<ConfigOption>
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  <MaxValue>65535</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>backendPort</OptionName>
  <OptionLabel>Internet SLB Backend Port</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
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  <MaxLength>-1</MaxLength>
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  <OptionDescription>The internet SLB forwards the request to the port of the instance, which is gene
rally the application reverse proxy port</OptionDescription>
</ConfigOption>
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  <PathName>resources.slb.internet</PathName>
  <OptionName>bandwidth</OptionName>

```

```

</ConfigOption>
<ConfigOption>
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  <MaxValue>-1</MaxValue>
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  <OptionName>loadBalancerSpec</OptionName>
  <OptionLabel>Load Balancer Spec</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
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.large"]</ValueOptions>
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  <RegexDesc></RegexDesc>
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  <OptionLabel>Health Check URL</OptionLabel>
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```

```

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    <OptionLabel>Internet Charge Type</OptionLabel>
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    <MaxLength>32</MaxLength>
    <ValueOptions>["paybybandwidth","paybytraffic"]</ValueOptions>
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    <MinLength>0</MinLength>
    <OptionDescription>The payment method of the public network type instance can be charged by ba
ndwidth or by flow meter.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>enable</OptionName>
    <OptionLabel>Enable Intranet SLB</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Whether to enable intranet SLB, if there are multiple instances in the deployme
nt environment, you can use SLB for load balancing, which can be used in //slb.console.aliyun.com SLB cons
ole Create or configure SLB.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <RegexDesc></RegexDesc>
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    <OptionName>slbId</OptionName>
    <OptionLabel>Intranet SLB</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Use an existing SLB instance or automatically purchase an SLB instance from We
b+.</OptionDescription>

```

```

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  <OptionLabel>Intranet SLB Listener Port</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
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t.</OptionDescription>
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  <MaxValue>-1</MaxValue>
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  <OptionLabel>Intranet SLB Protocol</OptionLabel>
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  <OptionLabel>Intranet SLB Forwarding Rule</OptionLabel>
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```



```

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<OptionDescription>Forwarding rules used by the intranet SLB. The forwarding rule is in the format
of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.t
aobao.com, /test are all correct forwarding rules.</OptionDescription>
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<OptionName>backendPort</OptionName>
<OptionLabel>Intranet SLB Backend Port</OptionLabel>
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<MaxLength>-1</MaxLength>
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<OptionDescription>The intranet SLB forwards the request to the port of the instance, which is gene
rally the application reverse proxy port</OptionDescription>
</ConfigOption>
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<MinLength>0</MinLength>
<OptionDescription>The peak bandwidth of the load balancer.</OptionDescription>
</ConfigOption>
<ConfigOption>
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<MaxValue>-1</MaxValue>
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```

```

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<OptionName>loadBalancerSpec</OptionName>
<OptionLabel>Load Balancer Spec</OptionLabel>
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<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["slb.s1.small","slb.s2.small","slb.s2.medium","slb.s3.small","slb.s3.medium","slb.s3
.large"]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The specifications of the load balancing instance.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>healthCheckUrl</OptionName>
<OptionLabel>健康检查URL</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>256</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>用于健康检查的URL路径。</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Select","props":{}}</EditorType>
<DefaultValue>paybytraffic</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>internetChargeType</OptionName>
<OptionLabel>Charge Type</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["paybybandwidth","paybytraffic"]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The payment method of the SLB instance can be charged by bandwidth or by flo
w meter.</OptionDescription>
</ConfigOption>
</ConfigOptions>
<StackName>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</StackName>
</StackConfigOption>
<Code>OK</Code>

```

```
</DescribeConfigOptionsResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "B645371A-29E9-4124-949E-38E42F5*****",
  "StackConfigOption": {
    "StackId": "ws-6c937c98a9c0296d0c48*****",
    "ConfigOptions": {
      "ConfigOption": [
        {
          "MinValue": -1,
          "ValueType": "String",
          "RegexPattern": "",
          "EditorType": "{\"component\":\"Editor\",\"props\":{}}",
          "DefaultValue": "",
          "RegexDesc": "",
          "MaxValue": -1,
          "PathName": "application.commands",
          "OptionName": "start",
          "OptionLabel": "Start Command",
          "ChangeSeverity": "NoInterruption",
          "ReadOnlyOption": false,
          "MaxLength": 1024,
          "ValueOptions": "",
          "HiddenOption": false,
          "MinLength": 0,
          "OptionDescription": "Web+ uses this command to launch an application"
        },
        {
          "MinValue": -1,
          "ValueType": "String",
          "RegexPattern": "",
          "EditorType": "{\"component\":\"Editor\",\"props\":{}}",
          "DefaultValue": "",
          "RegexDesc": "",
          "MaxValue": -1,
          "PathName": "application.commands",
          "OptionName": "stop",
          "OptionLabel": "Stop Command",
          "ChangeSeverity": "NoInterruption",
          "ReadOnlyOption": false,
          "MaxLength": 1024,
          "ValueOptions": "",
          "HiddenOption": false,
          "MinLength": 0,
          "OptionDescription": "Web+ uses this command to stop the application"
        },
        {
          "MinValue": -1,
          "ValueType": "JSON",
          "RegexPattern": "",
          "EditorType": "{\"component\":\"Editor\",\"props\":{}}",
          "DefaultValue": "",
          "RegexDesc": "",
          "MaxValue": -1,
          "PathName": "application.commands",
          "OptionName": "start",
          "OptionLabel": "Start Command",
          "ChangeSeverity": "NoInterruption",
          "ReadOnlyOption": false,
          "MaxLength": 1024,
          "ValueOptions": "",
          "HiddenOption": false,
          "MinLength": 0,
          "OptionDescription": "Web+ uses this command to launch an application"
        }
      ]
    }
  }
}
```

```

"EditorType":{"component":"kvListEditor","props":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "application.environmentVariables",
"OptionName": "value",
"OptionLabel": "Environmental Variables",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 16384,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "The environment variable used to launch the app."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType":{"component":"Select","props":{}}",
"DefaultValue": "http",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "application.healthCheck",
"OptionName": "type",
"OptionLabel": "Health Check Type",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 16,
"ValueOptions": [{"value": "http", "label": "HTTP"}, {"value": "tcp", "label": "TCP"}],
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "The type of protocol used by the health check, currently supporting TCP and HTTP,
Web+ will periodically send health check requests to the application's service port to determine if the applic
ation is healthy."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType":{"component":"Input","props":{}}",
"DefaultValue": "/",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "application.healthCheck",
"OptionName": "path",
"OptionLabel": "Health Check URL",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 256,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Web+ will request this URL and judge whether the application is healthy according t
o the response code. If a non-200/30x response code is received or the response times out, it is determined t

```

```

    "OptionDescription":"If the health check retry exceeds this number, it is determined that the health check failed."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern":"","
    "EditorType":{"component":"NumberPicker","props":{}}},
    "DefaultValue":"3",
    "RegexDesc":"","
    "MaxValue":30,
    "PathName":"application.healthCheck",
    "OptionName":"retryCount",
    "OptionLabel":"Health Check Retry Count",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"If the health check retry exceeds this number, it is determined that the health check failed."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern":"","
    "EditorType":{"component":"NumberPicker","props":{}}},
    "DefaultValue":"3",
    "RegexDesc":"","
    "MaxValue":60,
    "PathName":"application.healthCheck",
    "OptionName":"intervalSeconds",
    "OptionLabel":"Health Check Interval (Seconds)",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"When an inspection fails, the interval to the next health check is long."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern":"","
    "EditorType":{"component":"NumberPicker","props":{}}},
    "DefaultValue":"3",
    "RegexDesc":"","
    "MaxValue":60,
    "PathName":"application.healthCheck",
    "OptionName":"timeoutSeconds",
    "OptionLabel":"Health Check Timeout (Seconds)",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
  }
}

```

```
"MaxLength":-1,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"The timeout period for a single health check."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"TextArea","props":{}}",
"DefaultValue":"","
"RegexDesc":"","
"MaxValue":-1,
"PathName":"application.jvmOpts",
"OptionName":"value",
"OptionLabel":"JVM Options",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":16384,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Set the Java virtual machine parameters used to launch the application."
},
{
"MinValue":1024,
"ValueType":"Integer",
"RegexPattern":"","
"EditorType":{"component":"NumberPicker","props":{}}",
"DefaultValue":"8080",
"RegexDesc":"","
"MaxValue":65535,
"PathName":"application.option",
"OptionName":"port",
"OptionLabel":"Server Port",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"This port will be used as the HTTP service port after the application is launched, and ports from 1024 to 65535 can be used."
},
{
"MinValue":0,
"ValueType":"Integer",
"RegexPattern":"","
"EditorType":{"component":"NumberPicker","props":{}}",
"DefaultValue":"180",
"RegexDesc":"","
"MaxValue":180,
"PathName":"application.option",
```

```

"OptionName":"maxStartDuration",
"OptionLabel":"Application Max Start Duration (Seconds)",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"If the health check status is still incorrect during this time after the application is started, the application is considered to have failed to start."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"^[A-Za-z0-9_\\-\\.]{1,64}$",
"EditorType":{"component\\":"Input\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"application.package",
"OptionName":"label",
"OptionLabel":"Package Label",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":64,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"Web+ will use this version of the deployment package to deploy ECS instances."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"Input\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"application.package",
"OptionName":"storageKey",
"OptionLabel":"Package File Name",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":256,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"Web+ will deploy this file to the ECS instance."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"Input\\","props\\":{}},

```

```

"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "application.package",
"OptionName": "url",
"OptionLabel": "Package URL",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Configure the URL of package."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\": \"FileUploader\", \"props\": {}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "application.tomcatServerXml",
"OptionName": "serverConfig",
"OptionLabel": "Tomcat Configuration File",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 256,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Use this file to replace Tomcat's server.xml configuration"
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\": \"Editor\", \"props\": {}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "hooks",
"OptionName": "prestart",
"OptionLabel": "PreStart",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Web+ will call this command before the app starts"
},
{
"MinValue": -1,

```



```

"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Editor","props":{}}",
"DefaultValue":"","
"RegexDesc":"","
"MaxValue":-1,
"PathName":"hooks",
"OptionName":"poststart",
"OptionLabel":"PostStart",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":1024,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Web+ will call this command after the app launches"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Editor","props":{}}",
"DefaultValue":"","
"RegexDesc":"","
"MaxValue":-1,
"PathName":"hooks",
"OptionName":"prestop",
"OptionLabel":"PreStop",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":1024,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Web+ will call this command before the application stops"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Editor","props":{}}",
"DefaultValue":"","
"RegexDesc":"","
"MaxValue":-1,
"PathName":"hooks",
"OptionName":"poststop",
"OptionLabel":"PostStop",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":1024,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Web+ will call this command after the app has stopped"
}

```

```
,
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{\"component\":\"Editor\",\"props\":{}}",
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "hooks",
  "OptionName": "postinit",
  "OptionLabel": "Postinit",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 1024,
  "ValueOptions": "",
  "HiddenOption": false,
  "MinLength": 0,
  "OptionDescription": "Web+ will call this command when the application is initialized"
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{\"component\":\"Input\",\"props\":{}}",
  "DefaultValue": "Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "platform",
  "OptionName": "stackName",
  "OptionLabel": "Software Stack",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": true,
  "MaxLength": 64,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Contains the operating system, development language, container type, etc."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{\"component\":\"Input\",\"props\":{}}",
  "DefaultValue": "aliyunlinux",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "platform",
  "OptionName": "os",
  "OptionLabel": "Operating System",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": true,
  "MaxLength": 32,
  "ValueOptions": "",
  "HiddenOption": false.
}
```

```

"MinLength":0,
"OptionDescription":"Operating system used"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType": {"component": "Input", "props": {}},
"DefaultValue": "2.1903",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "platform",
"OptionName": "osVersion",
"OptionLabel": "Operating System Version",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": true,
"MaxLength": 16,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Operating system version used"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType": {"component": "Input", "props": {}},
"DefaultValue": "tomcat 8 openjdk 8",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "platform",
"OptionName": "buildpack",
"OptionLabel": "Buildpack",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": true,
"MaxLength": 32,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Software development language and runtime container"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType": {"component": "Input", "props": {}},
"DefaultValue": "Tomcat",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "platform",
"OptionName": "category",
"OptionLabel": "Platform Category",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": true,

```

```

"MaxLength":32,
"ValueOptions":"","
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"JAVA, Tomcat, PHP, Go, etc."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Select","props":{}},
"DefaultValue":"nginx",
"RegexDesc":"","
"MaxValue":-1,
"PathName":"proxy",
"OptionName":"type",
"OptionLabel":"Reverse Proxy Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":[{"value":"nginx","label":"Nginx (1.14.2)"},{"value":"apache","label":"Apache HTTP Server (2.4.6)"}],
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"The reverse proxy type used. After the reverse proxy starts, it will listen to the instance's port 80. Make sure that the port is not occupied by other programs. The reverse proxy will forward the received HTTP request to the application's service port."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Select","props":{}},
"DefaultValue":"2.4.6",
"RegexDesc":"","
"MaxValue":-1,
"PathName":"proxy.apache",
"OptionName":"version",
"OptionLabel":"Apache HTTP Server Version",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":16,
"ValueOptions":[{"value":"2.4.6","label":"2.4.6"}],
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Apache HTTP Server version used"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","
"EditorType":{"component":"Select","props":{}},
"DefaultValue":"1.14.2",
"RegexDesc":"","

```

```

"MaxValue":-1,
"PathName":"proxy.nginx",
"OptionName":"version",
"OptionLabel":"Nginx Version",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":16,
"ValueOptions":[{"value":"1.14.2","label":"1.14.2"}],
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Nginx version used"
},
{
"MinValue":-1,
"ValueType":"List",
"RegexPattern": "",
"EditorType":{"component":"InstanceTypeSelector","props":{"mode":"multiple"}},
"DefaultValue":["ecs.t5-lic1m1.small","ecs.xn4.small","ecs.n1.tiny","ecs.g5.large"],
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"instanceType",
"OptionLabel":"Instance Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":10,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"The instance specification used by the deployment environment, Web+ will create a
n ECS instance using the selected specifications. Multiple specifications can be selected. When the selected s
pecifications are insufficient, Web+ will attempt to create in the order selected, up to 10 instance specificati
ons. An ECS instance created by Web+, using the <a target=\"_blank\" href=\"//help.aliyun.com/knowledge_
detail/40653.html\">Pay As You Go</a>."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component":"Input","props":{}},
"DefaultValue":"wp-autoscaled",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"instanceName",
"OptionLabel":"Instance Name",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":128,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"Instance name used"
},

```

```

{
  "MinValue":0,
  "ValueType":"Integer",
  "RegexPattern":"","
  "EditorType":{"component\\":"NumberPicker\\","props\\":{}}",
  "DefaultValue":"1",
  "RegexDesc":"","
  "MaxValue":100,
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"instanceNum",
  "OptionLabel":"Instance Number",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":false,
  "MaxLength":-1,
  "ValueOptions":"","
  "HiddenOption":false,
  "MinLength":0,
  "OptionDescription":"The number of instances used, Web+ will expand or shrink the deployment environ
ment based on this number."
},
{
  "MinValue":-1,
  "ValueType":"List",
  "RegexPattern":"","
  "EditorType":{"component\\":"SecurityGroupSelector\\","props\\":{"mode\\":"multiple\\"}},
  "DefaultValue":"[]",
  "RegexDesc":"","
  "MaxValue":-1,
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"securityGroupIds",
  "OptionLabel":"Security Groups",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":false,
  "MaxLength":5,
  "ValueOptions":"","
  "HiddenOption":false,
  "MinLength":0,
  "OptionDescription":"The security group used by the instance can select up to 5 security groups."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern":"","
  "EditorType":{"component\\":"Input\\","props\\":{}}",
  "DefaultValue":"AliyunECSInstanceForWebPlusRole",
  "RegexDesc":"","
  "MaxValue":-1,
  "PathName":"resources.ecs.autoScaling",
  "OptionName":"ramRoleName",
  "OptionLabel":"ECS RAM Role Name",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":true,
  "MaxLength":64,
  "ValueOptions":"","
  "HiddenOption":true
}

```

```

    "hiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "RAM role name used by ECS instances created by Web+",
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\\component\\:\\\"KeyPairSelector\\\",\\\"props\\\":{}}",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "keyPairName",
    "OptionLabel": "Key Pair Name",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 64,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Key pair, used for SSH login, please refer to <a href=\\\"//help.aliyun.com/document_
detail/51793.html\\\" target=\\\"_blank\\\">Using SSH key pair</a>."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\\component\\:\\\"Select\\\",\\\"props\\\":{}}",
    "DefaultValue": "release",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "scalingPolicy",
    "OptionLabel": "Scaling Policy",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 16,
    "ValueOptions": "{\\\"value\\\":\\\"recycle\\\",\\\"label\\\":\\\"{{webx.configvalue.resources-ecs-autoScaling.scalingP
olicy.recycle.msg}}\\\",{\\\"value\\\":\\\"release\\\",\\\"label\\\":\\\"{{webx.configvalue.resources-ecs-autoScaling.scaling
Policy.recycle.msg}}\\\"}}",
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "Recycling mode when the ECS instance is shrunk, optional release mode or shutdo
wn recovery mode."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\\component\\:\\\"Input\\\",\\\"props\\\":{}}",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling".

```

```

    "PathName": "resources.ecs.autoScaling",
    "OptionName": "userData",
    "OptionLabel": "User Data",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 16384,
    "ValueOptions": "",
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "Configure ECS user data, refer to <a href='\"//help.aliyun.com/video_detail/54745.htm\" target='\"_blank\"> ECS User Data Practices</a>."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"DataDiskEditor\", \"props\": {} }",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "dataDiskInfo",
    "OptionLabel": "Data Disk Infomation",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": true,
    "MaxLength": 1024,
    "ValueOptions": "",
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "Configure information about the data disk."
  },
  {
    "MinValue": 40,
    "ValueType": "Integer",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"NumberPicker\", \"props\": {} }",
    "DefaultValue": "100",
    "RegexDesc": "",
    "MaxValue": 500,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "systemDiskSize",
    "OptionLabel": "System Disk Size",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "System disk size (GB)"
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Select\", \"props\": {} }",

```



```

"DefaultValue":"cloud_efficiency",
"RegexDesc":"",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"systemDiskCategory",
"OptionLabel":"System Disk Category",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":["cloud","cloud_efficiency","cloud_ssd","ephemeral_ssd"],
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"The disk type of the system disk, optional: cloud, cloud_efficiency, cloud_ssd, ephemeral_ssd."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"",
"EditorType":{"component":"Select","props":{}},
"DefaultValue":"BALANCE",
"RegexDesc":"",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"multiAzPolicy",
"OptionLabel":"Multiple Zones Policy",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":["PRIORITY","COST_OPTIMIZED","BALANCE"],
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"Multi-AZ scaling group used by Web+ ECS instance expansion and contraction strategy, optional priority policy or balancing policy."
},
{
"MinValue":-1,
"ValueType":"Boolean",
"RegexPattern":"",
"EditorType":{"component":"Switch","props":{}},
"DefaultValue":"true",
"RegexDesc":"",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"enableInternet",
"OptionLabel":"Enable Public IP",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions":"",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Whether the public network IP address is enabled. If enabled, the ECS instance in the deployment environment can be accessed from the public network. Pay attention to the security configur

```

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ation. The public network service provided by the ECS instance may incur charges. Please refer to <a href=\\
/ Help.aliyun.com/document_detail/25411.html\\\" target=\\\"_blank\\\">public network bandwidth billing</a>."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "\\\"component\\\": \\\"Switch\\\", \\\"props\\\": {}",
  "DefaultValue": "PayByTraffic",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "internetChargeType",
  "OptionLabel": "Internet Charge Type",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 32,
  "ValueOptions": [\\\"PayByBandwidth\\\", \\\"PayByTraffic\\\"],
  "HiddenOption": true,
  "MinLength": 1,
  "OptionDescription": "The network charge type can be selected to be charged by flow rate or by bandwidth."
},
{
  "MinValue": 1,
  "ValueType": "Integer",
  "RegexPattern": "",
  "EditorType": "\\\"component\\\": \\\"NumberPicker\\\", \\\"props\\\": {}",
  "DefaultValue": "100",
  "RegexDesc": "",
  "MaxValue": 200,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "internetMaxBandwidthIn",
  "OptionLabel": "Max Bandwidth Inbound",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": -1,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "The maximum bandwidth of the public network is in Mbps (Mega bit per second), and the value ranges from 1 to 200."
},
{
  "MinValue": 0,
  "ValueType": "Integer",
  "RegexPattern": "",
  "EditorType": "\\\"component\\\": \\\"NumberPicker\\\", \\\"props\\\": {}",
  "DefaultValue": "50",
  "RegexDesc": "",
  "MaxValue": 100,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "internetMaxBandwidthOut",
  "OptionLabel": "Max Bandwidth Outbound",

```

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"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"The maximum bandwidth of the public network, in Mbps (Mega bit per second), the
value range is 0-100."
},
{
"MinValue":-1,
"ValueType":"Boolean",
"RegexPattern": "",
"EditorType":{"component":"Switch","props":{}}},
"DefaultValue":"true",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"ioOptimized",
"OptionLabel":"IO Optimized",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"Whether to create I/O optimization instances."
},
{
"MinValue":-1,
"ValueType":"Boolean",
"RegexPattern": "",
"EditorType":{"component":"Switch","props":{}}},
"DefaultValue":"false",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"passwordInherit",
"OptionLabel":"Password Inherit",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"Whether to use the password of the mirror preset. When using this parameter, the
password used by the mirror must be preset."
},
{
"MinValue":-1,
"ValueType":"JSON",
"RegexPattern": "",
"EditorType":{"component":"VpcOptionSelector","props":{}}},
"DefaultValue":{"vpcId":"","vSwitches":[]},
"RegexDesc": ""

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    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.network",
    "OptionName": "vpcOption",
    "OptionLabel": "Network Options",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 1024,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "For VPCs and switches used in the deployment environment, if multiple switches are selected, Web+ will distribute the ECS instances equally across the selected switches. New VPCs and switches can be created in the <a href='\"//vpc.console.aliyun.com\"' target='\"_blank\"'>VPC console</a>."
  },
  {
    "MinValue": -1,
    "ValueType": "Boolean",
    "RegexPattern": "",
    "EditorType": "{\"component\":\"Switch\",\"props\":{}}",
    "DefaultValue": "false",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.rds",
    "OptionName": "enable",
    "OptionLabel": "Enable",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "The Aliyun Relational Database Service is a stable, resilient, scalable online database service that supports MySQL, SQL Server, PostgreSQL, PPAS, and MariaDB TX engines. It also provides a complete solution for disaster tolerance, backup, recovery, monitoring, migration, and more. For more information, please refer to<a target='\"_blank\"' href='\"//help.aliyun.com/knowledge_detail/26092.html\"'>What is Cloud Database RDS</a>."
  },
  {
    "MinValue": -1,
    "ValueType": "Boolean",
    "RegexPattern": "",
    "EditorType": "{\"component\":\"Switch\",\"props\":{}}",
    "DefaultValue": "false",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.rds",
    "OptionName": "imported",
    "OptionLabel": "Use existed instance",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0
  }

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    "maxLength": 32,
    "OptionDescription": "Please import an existing RDS instance. Under this scenario, you need to ensure that the corresponding database, account and password exist on the instance. And Web+ will send the provided connection information to the application."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "\\component\\:\\RDSSelector\\,\\props\\:{}",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.rds",
    "OptionName": "rdsId",
    "OptionLabel": "Database Instance",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 32,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Please select the database instance you want to import"
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "\\component\\:\\RDSZoneSelector\\,\\props\\:{}",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.rds",
    "OptionName": "zoneId",
    "OptionLabel": "Zone",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 64,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Please select the available zone where the RDS instance is located"
  },
  {
    "MinValue": -1,
    "ValueType": "JSON",
    "RegexPattern": "",
    "EditorType": "\\component\\:\\RDSVSwitchSelector\\,\\props\\:{}",
    "DefaultValue": "[]",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.rds",
    "OptionName": "vSwitches",
    "OptionLabel": "Zone and VSwitch",
    "ChangeSeverity": "NoInterruption",

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    "ReadOnlyOption":false,
    "MaxLength":1024,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Please select the zone and switch where the RDS instance is located (the star-mark
ed switch is the default switch for the current environment)"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","
    "EditorType":"{\\"component\\":\\"RDSEngineSelector\\",\\"props\\":{}}",
    "DefaultValue":"","
    "RegexDesc":"","
    "MaxValue":-1,
    "PathName":"resources.rds",
    "OptionName":"engine",
    "OptionLabel":"Database Type",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":32,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"RDS supports database types such as MySQL, PostgreSQL, SQL Server, MariaDB TX,
and PPAS (Postgre Plus Advanced Server, highly compatible Oracle Database).",
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","
    "EditorType":"{\\"component\\":\\"RDSEngineVersionSelector\\",\\"props\\":{}}",
    "DefaultValue":"","
    "RegexDesc":"","
    "MaxValue":-1,
    "PathName":"resources.rds",
    "OptionName":"engineVersion",
    "OptionLabel":"Database version",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":32,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Choose the right database engine version for your business needs"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","
    "EditorType":"{\\"component\\":\\"RDSStorageTypeSelector\\",\\"props\\":{}}",
    "DefaultValue":"","
    "RegexDesc":"","

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"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"storageType",
"OptionLabel":"Storage Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"To meet the needs of different scenarios, cloud database RDS offers three types of
data storage: local_ssd , cloud_ssd, and cloud_essd. It is recommended to use the local SSD disk to store dat
a on the local SSD disk, which can reduce I/O latency. Detail can be referenced here <a target=\"_blank\" href
=\"//help.aliyun.com/knowledge_detail/69795.html\">Storage type</a>。 "
},
{
"MinValue":5,
"ValueType":"Integer",
"RegexPattern": "",
"EditorType":{"component\":\"RDSStorageSizeSelector\", \"props\":{}}",
"DefaultValue":"100",
"RegexDesc": "",
"MaxValue":10000,
"PathName":"resources.rds",
"OptionName":"storageSize",
"OptionLabel":"Storage size",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Choose the right storage size for your business needs (in GB)"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\":\"RDSInstanceClassSelector\", \"props\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"dbInstanceClass",
"OptionLabel":"Instance Class",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Cloud database RDS offers two instance size families, both generic and exclusive. G
eneric instance has universal exclusive allocated memory and I/O resources but share CPU and storage reso
urces with other generic instances on the same physical machine. Exclusive instance has exclusive cpu, mem

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ory, storage, and I/O resources and performance that is not affected by the behavior of other instances on the physical machine. See in detail [Instance Specification Family](//help.aliyun.com/knowledge_detail/57184.html).

```

    },
    {
      "MinValue":-1,
      "ValueType":"String",
      "RegexPattern": "",
      "EditorType": "{\"component\":\"Input\", \"props\":{}}",
      "DefaultValue": "webplus",
      "RegexDesc": "",
      "MaxValue":-1,
      "PathName": "resources.rds",
      "OptionName": "databaseName",
      "OptionLabel": "Database Name",
      "ChangeSeverity": "NoInterruption",
      "ReadOnlyOption": false,
      "MaxLength": 64,
      "ValueOptions": "",
      "HiddenOption": false,
      "MinLength": 0,
      "OptionDescription": "The name of the database. Under purchasing scenario, Web+ will help you create the database (except PostgreSQL, PPAS, and SQL Server 2017 Cluster Edition, which you can do with CREATE DATABASE in SQL), and under the import scenario you need to ensure that the database already exists."
    },
    {
      "MinValue":-1,
      "ValueType":"String",
      "RegexPattern": "",
      "EditorType": "{\"component\":\"RDSCharacterSetSelector\", \"props\":{}}",
      "DefaultValue": "",
      "RegexDesc": "",
      "MaxValue":-1,
      "PathName": "resources.rds",
      "OptionName": "characterSetName",
      "OptionLabel": "Character Set",
      "ChangeSeverity": "NoInterruption",
      "ReadOnlyOption": false,
      "MaxLength": 64,
      "ValueOptions": "",
      "HiddenOption": false,
      "MinLength": 0,
      "OptionDescription": "The character set of the database, MySQL and MariaDB by default takes utf8mb4, SQL Server by default takes Chinese-PRC-CI-AS"
    },
    {
      "MinValue":-1,
      "ValueType":"String",
      "RegexPattern": "",
      "EditorType": "{\"component\":\"Input\", \"props\":{}}",
      "DefaultValue": "webplus",
      "RegexDesc": "",
      "MaxValue":-1,
      "PathName": "resources.rds",
      "OptionName": "databaseName",
      "OptionLabel": "Database Name",
      "ChangeSeverity": "NoInterruption",
      "ReadOnlyOption": false,
      "MaxLength": 64,
      "ValueOptions": "",
      "HiddenOption": false,
      "MinLength": 0,
      "OptionDescription": "The name of the database. Under purchasing scenario, Web+ will help you create the database (except PostgreSQL, PPAS, and SQL Server 2017 Cluster Edition, which you can do with CREATE DATABASE in SQL), and under the import scenario you need to ensure that the database already exists."
    }
  ]
}

```



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"OptionName": "accountName",
"OptionLabel": "Account Name",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 32,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "The database account. Under the purchasing scenario, Web+ will help you create and maintain this account on the instance, and under the import scenario you need to ensure that the account is correct."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"RDSAccountPassword\",\"props\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.rds",
"OptionName": "accountPassword",
"OptionLabel": "Password",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "The password of the database account. Under the purchasing scenario, Web+ will ensure that the account is consistent with the password, and under the import scene you need to ensure that the password is correct.(Password rule is: uppercase, lowercase, number, special characters accounted for three, length 8-32 bits, special characters for !@#%&*( )_+ = )"
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"RDSCategorySelector\",\"props\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.rds",
"OptionName": "category",
"OptionLabel": "Category",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Cloud database RDS include four series: Basic, High Available, Cluster, and Financial . Details can be found here<a target=\"_blank\" href=\"//help.aliyun.com/document_detail/55665.html\">Overview of the product line</a>。 "
}
}

```

```

},
{
  "MinValue":-1,
  "ValueType":"Boolean",
  "RegexPattern": "",
  "EditorType": "{ \"component\": \"Switch\", \"props\": { \"enableLabel\": \"When this option is enabled, the application will be accessible from the public network. Please pay attention to your security configuration.\" } }",
  "DefaultValue": "false",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.internet",
  "OptionName": "enable",
  "OptionLabel": "Enable Internet SLB",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength":-1,
  "ValueOptions": "",
  "HiddenOption": false,
  "MinLength": 0,
  "OptionDescription": "Whether to enable the public network SLB, if there are multiple instances of the deployment environment, you can use SLB for load balancing, which can be controlled in <a href=\"//slb.console.aliyun.com\" target=\"_blank\">SLB Desk</a> creates or configures an SLB."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{ \"component\": \"SLBSelector\", \"props\": { \"AddressType\": \"internet\" } }",
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.internet",
  "OptionName": "slbid",
  "OptionLabel": "Internet SLB",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 32,
  "ValueOptions": "",
  "HiddenOption": false,
  "MinLength": 0,
  "OptionDescription": "Use an existing SLB instance or automatically purchase an SLB instance from Web+.
"
},
{
  "MinValue": 1,
  "ValueType": "Integer",
  "RegexPattern": "",
  "EditorType": "{ \"component\": \"NumberPicker\", \"props\": { } }",
  "DefaultValue": "80",
  "RegexDesc": "",
  "MaxValue": 65535,
  "PathName": "resources.slb.internet",
  "OptionName": "listenerPort",
  "OptionLabel": "Internet SLB Listener Port",

```

```

    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions": "",
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"The listening port of the public network SLB can use this port to access applications from the public network."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType":{"component":"Select","props":{}},
    "DefaultValue":"http",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName":"resources.slb.internet",
    "OptionName":"protocol",
    "OptionLabel":"Internet SLB Protocol",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":16,
    "ValueOptions":[{"value":"tcp","label":"TCP"}, {"value":"http","label":"HTTP"}],
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Protocol used by the internet SLB"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType":{"component":"Input","props":{}},
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName":"resources.slb.internet",
    "OptionName":"forwardingRule",
    "OptionLabel":"Internet SLB Forwarding Rule",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":128,
    "ValueOptions": "",
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Forwarding rules used by the internet SLB. The forwarding rule is in the format of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.taobao.com, /test are all correct forwarding rules."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType":{"component":"NumberPicker","props":{}},

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"DefaultValue":"80",
"RegexDesc":"",
"MaxValue":65535,
"PathName":"resources.slb.internet",
"OptionName":"backendPort",
"OptionLabel":"Internet SLB Backend Port",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":true,
"MaxLength":-1,
"ValueOptions":"",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"The internet SLB forwards the request to the port of the instance, which is generally the application reverse proxy port"
},
{
"MinValue":-1,
"ValueType":"Integer",
"RegexPattern":"",
"EditorType":{"component":"NumberPicker","props":{}}},
"DefaultValue":"-1",
"RegexDesc":"",
"MaxValue":5120,
"PathName":"resources.slb.internet",
"OptionName":"bandwidth",
"OptionLabel":"Max Bandwidth",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions":"",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"The peak bandwidth of the load balancer."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"",
"EditorType":{"component":"Select","props":{}}},
"DefaultValue":"slb.s1.small",
"RegexDesc":"",
"MaxValue":-1,
"PathName":"resources.slb.internet",
"OptionName":"loadBalancerSpec",
"OptionLabel":"Load Balancer Spec",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":["slb.s1.small","slb.s2.small","slb.s2.medium","slb.s3.small","slb.s3.medium","slb.s3.large"],
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"The specifications of the load balancing instance."
},
}
```

```
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{\\"component\\":\\"Input\\",\\"props\\":{}}",
  "DefaultValue": "/",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.internet",
  "OptionName": "healthCheckUrl",
  "OptionLabel": "Health Check URL",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 256,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "URL path for health checks."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{\\"component\\":\\"Select\\",\\"props\\":{}}",
  "DefaultValue": "paybytraffic",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.internet",
  "OptionName": "internetChargeType",
  "OptionLabel": "Internet Charge Type",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 32,
  "ValueOptions": "[\\"paybybandwidth\\",\\"paybytraffic\\"]",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "The payment method of the public network type instance can be charged by bandwidth or by flow meter."
},
{
  "MinValue":-1,
  "ValueType":"Boolean",
  "RegexPattern": "",
  "EditorType": "{\\"component\\":\\"Switch\\",\\"props\\":{}}",
  "DefaultValue": "false",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.intranet",
  "OptionName": "enable",
  "OptionLabel": "Enable Intranet SLB",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": -1,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Enable Intranet SLB."
}
```

```

    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Whether to enable intranet SLB, if there are multiple instances in the deployment environment, you can use SLB for load balancing, which can be used in <a href='\"//slb.console.aliyun.com\"' target='\"_blank\"'>SLB console</a>Create or configure SLB."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"SLBSelector\", \"props\": { \"AddressType\": \"intranet\" } }",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName": \"resources.slb.intranet\",
    "OptionName\": \"slbid\",
    "OptionLabel\": \"Intranet SLB\",
    "ChangeSeverity\": \"NoInterruption\",
    "ReadOnlyOption\": false,
    "MaxLength\": 32,
    "ValueOptions\": \"\",
    "HiddenOption\": false,
    "MinLength\": 0,
    "OptionDescription\": \"Use an existing SLB instance or automatically purchase an SLB instance from Web+.
  \"
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"NumberPicker\", \"props\": { } }",
    "DefaultValue": \"80\",
    "RegexDesc": "",
    "MaxValue":65535,
    "PathName": \"resources.slb.intranet\",
    "OptionName\": \"listenerPort\",
    "OptionLabel\": \"Intranet SLB Listener Port\",
    "ChangeSeverity\": \"NoInterruption\",
    "ReadOnlyOption\": false,
    "MaxLength\": -1,
    "ValueOptions\": \"\",
    "HiddenOption\": false,
    "MinLength\": 0,
    "OptionDescription\": \"Intranet SLB listening port, use this port to access applications from the intranet.\"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Select\", \"props\": { } }",
    "DefaultValue": \"http\",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName": \"resources.slb.intranet\",
    "OptionName\": \"protocol\"
  }

```

```

    OptionName : protocol ,
    "OptionLabel":"Intranet SLB Protocol",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":16,
    "ValueOptions":[{"value":"tcp","label":"TCP"},{"value":"http","label":"HTTP"}],
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Protocol used by the intranet SLB"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType":{"component":"Input","props":{}},
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"forwardingRule",
    "OptionLabel":"Intranet SLB Forwarding Rule",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":128,
    "ValueOptions": "",
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Forwarding rules used by the intranet SLB. The forwarding rule is in the format of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.taobao.com, /test are all correct forwarding rules."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType":{"component":"NumberPicker","props":{}},
    "DefaultValue":"80",
    "RegexDesc": "",
    "MaxValue":65535,
    "PathName":"resources.slb.intranet",
    "OptionName":"backendPort",
    "OptionLabel":"Intranet SLB Backend Port",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":true,
    "MaxLength":-1,
    "ValueOptions": "",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"The intranet SLB forwards the request to the port of the instance, which is generally the application reverse proxy port"
  },
  {
    "MinValue":-1,
    "ValueType":"Integer",
    "RegexPattern": ""
  }

```

```

    "EditorType":>{"component\\":"NumberPicker\\","props\\":{}}",
    "DefaultValue":"-1",
    "RegexDesc":"",
    "MaxValue":5120,
    "PathName":"resources.slb.intranet",
    "OptionName":"bandwidth",
    "OptionLabel":"Max Bandwidth",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions": "",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"The peak bandwidth of the load balancer."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType":>{"component\\":"Select\\","props\\":{}}",
    "DefaultValue":"slb.s1.small",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"loadBalancerSpec",
    "OptionLabel":"Load Balancer Spec",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":32,
    "ValueOptions":["slb.s1.small\\","slb.s2.small\\","slb.s2.medium\\","slb.s3.small\\","slb.s3.medium\\","slb.s3.large\\"],
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"The specifications of the load balancing instance."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType":>{"component\\":"Input\\","props\\":{}}",
    "DefaultValue":"/",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"healthCheckUrl",
    "OptionLabel":"健康检查URL",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":256,
    "ValueOptions": "",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"用于健康检查的URL路径。 "
  },
},

```



```
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": "{ \"component\": \"Select\", \"props\": {} }",
  "DefaultValue": "paybytraffic",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.slb.intranet",
  "OptionName": "internetChargeType",
  "OptionLabel": "Charge Type",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 32,
  "ValueOptions": [ \"paybybandwidth\", \"paybytraffic\" ],
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "The payment method of the SLB instance can be charged by bandwidth or by flow meter."
}
],
"StackName": "Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903"
},
"Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

13.3. DescribeConfigIndex

调用DescribeConfigIndex查询配置索引。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/config/configIndex HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|-------------|--------|------|------------------------------|---|
| EnvId | String | 否 | we-5d3eaaea2977ca5251e***** | 环境ID |
| ProfileName | String | 否 | HighAvailability | 初始化配置类型，可选以下值： <ul style="list-style-type: none"> HighAvailability：高可用，该配置会将实例数设置为2，同时启用公网SLB StandAlone：低成本，该配置会将实例数设置为1 |
| StackId | String | 否 | ws-6c937c98a9c0296d0c48***** | 技术栈类型 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|---------|--------------------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigGroups | | | 配置组信息 |
| ConfigPaths | | | 配置组路径 |
| ConfigOptions | | | 配置组选项 |
| ChangeSeverity | String | NoInterruption | 变更重要性 |
| DefaultValue | String | nginx | 默认值 |
| EditorType | String | {"component": "Select", "props": {}} | 编辑类型 |
| HiddenOption | Boolean | false | 是否为隐藏选项 |
| MaxLength | Integer | 32 | 最大长度 |
| MaxValue | Long | -1 | 最大值 |
| MinLength | Integer | 32 | 最小长度 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|---|---------|
| MinValue | Long | -1 | 最小值 |
| OptionDescription | String | The reverse proxy type used. After the reverse proxy starts, it will listen to the instance's port 80. Make sure that the port is not occupied by other programs. The reverse proxy will forward the received HTTP request to the application's service port. | 选项描述信息 |
| OptionLabel | String | Reverse Proxy Type | 选项标签 |
| OptionName | String | type | 选项名称 |
| PathName | String | proxy | 路径名称 |
| ReadOnlyOption | Boolean | false | 是否为只读选项 |
| RegexDesc | String | "" | 正则描述信息 |
| RegexPattern | String | "" | 正则匹配模式 |
| ValueOptions | String | [{"value": "nginx", "label": "Nginx (1.14.2)"}, {"value": "apache", "label": "Apache HTTP Server (2.4.6)"}] | 值选项 |
| ValueType | String | String | 值类型 |
| HiddenPath | Boolean | false | 是否为隐藏路径 |
| PathLabel | String | Reverse Proxy | 路径标签 |

| 名称 | 类型 | 示例值 | 描述 |
|------------|--------|---|--------------------|
| PathName | String | proxy | 路径名称 |
| GroupLabel | String | Platform | 配置组标签 |
| GroupName | String | platform | 配置组名称 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 0416FA4F-BB38-4237-AAC5-38F15E0***** | 请求ID |
| StackId | String | ws-6c937c98a9c0296d0c48***** | 技术栈ID |
| StackName | String | Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903 | 技术栈名称 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/config/configIndex?EnvId=we-5d3eaaea2977ca5251e*****&ProfileName=StandAlone&StackId=ws-6c937c98a9c0296d0c48*****&<公共请求头>
```

正常返回示例

XML 格式

```
<DescribeConfigIndexResponse>
  <Message>success</Message>
  <StackId>ws-6c937c98a9c0296d0c48*****</StackId>
  <RequestId>87498446-48E8-4DFF-9D9A-F08999D*****</RequestId>
  <Code>OK</Code>
  <ConfigGroups>
    <ConfigGroup>
      <GroupName>platform</GroupName>
      <GroupLabel>Platform</GroupLabel>
      <ConfigPaths>
        <ConfigPath>
          <HiddenPath>>false</HiddenPath>
          <ConfigOptions>
            <ConfigOption>
              <MinValue>-1</MinValue>
              <ValueType>String</ValueType>
              <RegexPattern></RegexPattern>
              <EditorType>{"component":"Select","props":{}}</EditorType>
            </ConfigOption>
          </ConfigOptions>
        </ConfigPath>
      </ConfigPaths>
    </ConfigGroup>
  </ConfigGroups>
</DescribeConfigIndexResponse>
```

```

    <DefaultValue>nginx</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>proxy</PathName>
    <OptionName>type</OptionName>
    <OptionLabel>Reverse Proxy Type</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions>[{"value": "nginx", "label": "Nginx (1.14.2)"}, {"value": "apache", "label": "Apache
HTTP Server (2.4.6)"}]</ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The reverse proxy type used. After the reverse proxy starts, it will listen to
the instance's port 80. Make sure that the port is not occupied by other programs. The reverse proxy will for
ward the received HTTP request to the application's service port.</OptionDescription>
  </ConfigOption>
</ConfigOptions>
<PathLabel>Reverse Proxy</PathLabel>
<PathName>proxy</PathName>
</ConfigPath>
</ConfigPaths>
</ConfigGroup>
<ConfigGroup>
  <GroupName>resources</GroupName>
  <GroupLabel>Resource</GroupLabel>
  <ConfigPaths>
    <ConfigPath>
      <HiddenPath>>false</HiddenPath>
      <ConfigOptions>
        <ConfigOption>
          <MinValue>-1</MinValue>
          <ValueType>JSON</ValueType>
          <RegexPattern></RegexPattern>
          <EditorType>{"component": "VpcOptionSelector", "props": {}}</EditorType>
          <DefaultValue>{"vpcId": "vpc-wz9e6y22o3o91nuy9xktc", "vSwitches": ["vsw-wz9gfawx1vxximtjc
2h0z"]}</DefaultValue>
          <MaxValue>-1</MaxValue>
          <RegexDesc></RegexDesc>
          <PathName>resources.network</PathName>
          <OptionName>vpcOption</OptionName>
          <OptionLabel>Network Options</OptionLabel>
          <ChangeSeverity>NoInterruption</ChangeSeverity>
          <ReadOnlyOption>>false</ReadOnlyOption>
          <MaxLength>1024</MaxLength>
          <ValueOptions></ValueOptions>
          <HiddenOption>>false</HiddenOption>
          <MinLength>0</MinLength>
          <OptionDescription>For VPCs and switches used in the deployment environment, if multiple sw
itches are selected, Web+ will distribute the ECS instances equally across the selected switches. New VPCs a
nd switches can be created in the <a href="//vpc.console.aliyun.com" target="_blank">VPC console</
a> </OptionDescription>
        </ConfigOption>
      </ConfigOptions>
    </ConfigPath>
  </ConfigPaths>
</ConfigGroup>

```

```

</PathName>resources.network</PathName>
</ConfigPath>
<ConfigPath>
  <HiddenPath>>false</HiddenPath>
  <ConfigOptions>
    <ConfigOption>
      <MinValue>-1</MinValue>
      <ValueType>List</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"InstanceTypeSelector","props":{"mode":"multiple"}}</EditorType>
    </ConfigOption>
    <ConfigOption>
      <DefaultValue>["ecs.t5-lc1m1.small","ecs.xn4.small","ecs.n1.tiny","ecs.g5.large"]</DefaultValue>
      <MinValue>-1</MinValue>
      <RegexDesc></RegexDesc>
      <PathName>resources.ecs.autoScaling</PathName>
      <OptionName>instanceType</OptionName>
      <OptionLabel>Instance Type</OptionLabel>
      <ChangeSeverity>NoInterruption</ChangeSeverity>
      <ReadOnlyOption>>false</ReadOnlyOption>
      <MaxLength>10</MaxLength>
      <ValueOptions></ValueOptions>
      <HiddenOption>>false</HiddenOption>
      <MinLength>0</MinLength>
      <OptionDescription>The instance specification used by the deployment environment, Web+ will
      I create an ECS instance using the selected specifications. Multiple specifications can be selected. When the s
      elected specifications are insufficient, Web+ will attempt to create in the order selected, up to 10 instance sp
      ecifications. An ECS instance created by Web+, using the Pay As You Go.
    </OptionDescription>
    </ConfigOption>
    <ConfigOption>
      <MinValue>-1</MinValue>
      <ValueType>String</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"Input","props":{}}</EditorType>
      <DefaultValue>wp-autoscaled</DefaultValue>
      <MaxValue>-1</MaxValue>
      <RegexDesc></RegexDesc>
      <PathName>resources.ecs.autoScaling</PathName>
      <OptionName>instanceName</OptionName>
      <OptionLabel>Instance Name</OptionLabel>
      <ChangeSeverity>NoInterruption</ChangeSeverity>
      <ReadOnlyOption>>false</ReadOnlyOption>
      <MaxLength>128</MaxLength>
      <ValueOptions></ValueOptions>
      <HiddenOption>>true</HiddenOption>
      <MinLength>1</MinLength>
      <OptionDescription>Instance name used</OptionDescription>
    </ConfigOption>
    <ConfigOption>
      <MinValue>0</MinValue>
      <ValueType>Integer</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"NumberPicker","props":{}}</EditorType>

```

```

<DefaultValue>1</DefaultValue>
<MaxValue>100</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>instanceNum</OptionName>
<OptionLabel>Instance Number</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The number of instances used, Web+ will expand or shrink the deployment
environment based on this number.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>List</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"SecurityGroupSelector","props":{"mode":"multiple"}}</EditorType>
pe>
<DefaultValue>[]</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>securityGroupIds</OptionName>
<OptionLabel>Security Groups</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>5</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The security group used by the instance can select up to 5 security groups.
</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Input","props":{}}</EditorType>
<DefaultValue>AliyunECSInstanceForWebPlusRole</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>ramRoleName</OptionName>
<OptionLabel>ECS RAM Role Name</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>true</ReadOnlyOption>
<MaxLength>64</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>RAM role name used by ECS instances created by Web+</OptionDescriptio

```

```

n>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"KeyPairSelector","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>keyPairName</OptionName>
    <OptionLabel>Key Pair Name</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>64</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Key pair, used for SSH login, please refer to Using SSH key pair</a>. </OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Select","props":{}}</EditorType>
    <DefaultValue>release</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>scalingPolicy</OptionName>
    <OptionLabel>Scaling Policy</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>16</MaxLength>
    <ValueOptions>[{"value":"recycle","label":"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}"}, {"value":"release","label":"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}"}]</ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Recycling mode when the ECS instance is shrunk, optional release mode or shutdown recovery mode.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>userData</OptionName>

```



```

<OptionLabel>User Data</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>16384</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Configure ECS user data, refer to true</ReadOnlyOption>
<MaxLength>1024</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Configure information about the data disk.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>40</MinValue>
<ValueType>Integer</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"NumberPicker","props":{}}</EditorType>
<DefaultValue>100</DefaultValue>
<MaxValue>500</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>systemDiskSize</OptionName>
<OptionLabel>System Disk Size</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>System disk size \(GB\)</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Select","props":{}}</EditorType>
<DefaultValue>cloud\_efficiency</DefaultValue>

```

```

<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>systemDiskCategory</OptionName>
<OptionLabel>System Disk Category</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["cloud","cloud_efficiency","cloud_essd","ephemeral_essd"]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>1</MinLength>
<OptionDescription>The disk type of the system disk, optional: cloud, cloud_efficiency, cloud_essd, ephemeral_essd.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>["component":"Select","props":{}]</EditorType>
<DefaultValue>BALANCE</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>multiAzPolicy</OptionName>
<OptionLabel>Multiple Zones Policy</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["PRIORITY","COST_OPTIMIZED","BALANCE"]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>1</MinLength>
<OptionDescription>Multi-AZ scaling group used by Web+ ECS instance expansion and contraction strategy, optional priority policy or balancing policy.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>Boolean</ValueType>
<RegexPattern></RegexPattern>
<EditorType>["component":"Switch","props":{}]</EditorType>
<DefaultValue>>true</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>enableInternet</OptionName>
<OptionLabel>Enable Public IP</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Whether the public network IP address is enabled. If enabled, the ECS instance in the deployment environment can be accessed from the public network. Pay attention to the security configuration. The public network service provided by the ECS instance may incur charges. Please refer to public network bandwidth bill

```

```

<a href="//help.aliyun.com/document_detail/25411.html" target="_blank">public network bandwidth billing</a>. </OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Switch","props":{}}</EditorType>
  <DefaultValue>PayByTraffic</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>internetChargeType</OptionName>
  <OptionLabel>Internet Charge Type</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions>["PayByBandwidth","PayByTraffic"]</ValueOptions>
  <HiddenOption>>true</HiddenOption>
  <MinLength>1</MinLength>
  <OptionDescription>The network charge type can be selected to be charged by flow rate or by
bandwidth.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>1</MinValue>
  <ValueType>Integer</ValueType>
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  <DefaultValue>100</DefaultValue>
  <MaxValue>200</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>internetMaxBandwidthIn</OptionName>
  <OptionLabel>Max Bandwidth Inbound</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The maximum bandwidth of the public network is in Mbps (Mega bit per se
cond), and the value ranges from 1 to 200.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>0</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>
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  <DefaultValue>50</DefaultValue>
  <MaxValue>100</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.ecs.autoScaling</PathName>
  <OptionName>internetMaxBandwidthOut</OptionName>
  <OptionLabel>Max Bandwidth Outbound</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>

```

```

    <ChangeSeverity>NoInterruption</ChangeSeverity>
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    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The maximum bandwidth of the public network, in Mbps (Mega bit per second), the value range is 0-100.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>Boolean</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Switch","props":{}}</EditorType>
    <DefaultValue>>true</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>ioOptimized</OptionName>
    <OptionLabel>IO Optimized</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Whether to create I/O optimization instances.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>Boolean</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Switch","props":{}}</EditorType>
    <DefaultValue>>false</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.ecs.autoScaling</PathName>
    <OptionName>passwordInherit</OptionName>
    <OptionLabel>Password Inherit</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Whether to use the password of the mirror preset. When using this parameter, the password used by the mirror must be preset.</OptionDescription>
  </ConfigOption>
</ConfigOptions>
<PathLabel>Instance</PathLabel>
<PathName>resources.ecs.autoScaling</PathName>
</ConfigPath>
<ConfigPath>
  <HiddenPath>>false</HiddenPath>
</ConfigOptions>

```

```

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  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Switch","props":{"enableLabel":"When this option is enabled, the
application will be accessible from the public network. Please pay attention to your security configuration."
}}</EditorType>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>enable</OptionName>
  <OptionLabel>Enable Internet SLB</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Whether to enable the public network SLB, if there are multiple instances
of the deployment environment, you can use SLB for load balancing, which can be controlled in false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Use an existing SLB instance or automatically purchase an SLB instance fro
m Web+.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>1</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>
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  <DefaultValue>80</DefaultValue>
  <MaxValue>65535</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>listenerPort</OptionName>

```

```

<OptionLabel>Internet SLB Listener Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The listening port of the public network SLB can use this port to access ap
plications from the public network.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Select","props":{}}</EditorType>
  <DefaultValue>http</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>protocol</OptionName>
  <OptionLabel>Internet SLB Protocol</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>16</MaxLength>
  <ValueOptions>[{"value":"tcp","label":"TCP"},{"value":"http","label":"HTTP"}]</ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Protocol used by the internet SLB</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Input","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>forwardingRule</OptionName>
  <OptionLabel>Internet SLB Forwarding Rule</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>128</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Forwarding rules used by the internet SLB. The forwarding rule is in the fo
rmat of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, w
ww.taobao.com,/test are all correct forwarding rules.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>1</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>

```

```

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<DefaultValue>80</DefaultValue>
<MaxValue>65535</MaxValue>
<RegexDesc></RegexDesc>
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<OptionName>backendPort</OptionName>
<OptionLabel>Internet SLB Backend Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>true</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
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<MinLength>0</MinLength>
<OptionDescription>The internet SLB forwards the request to the port of the instance, which is
generally the application reverse proxy port</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>Integer</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
  <DefaultValue>-1</DefaultValue>
  <MaxValue>5120</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>bandwidth</OptionName>
  <OptionLabel>Max Bandwidth</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The peak bandwidth of the load balancer.</OptionDescription>
</ConfigOption>
<ConfigOption>
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  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Select","props":{}}</EditorType>
  <DefaultValue>slb.s1.small</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>loadBalancerSpec</OptionName>
  <OptionLabel>Load Balancer Spec</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions>["slb.s1.small","slb.s2.small","slb.s2.medium","slb.s3.small","slb.s3.medium","
slb.s3.large"]</ValueOptions>
  <HiddenOption>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The specifications of the load balancing instance.</OptionDescription>
</ConfigOption>

```

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</ConfigOption>
<ConfigOption>
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  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Input","props":{}}</EditorType>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>healthCheckUrl</OptionName>
  <OptionLabel>Health Check URL</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>256</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>URL path for health checks.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Select","props":{}}</EditorType>
  <DefaultValue>paybytraffic</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.slb.internet</PathName>
  <OptionName>internetChargeType</OptionName>
  <OptionLabel>Internet Charge Type</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions>["paybybandwidth","paybytraffic"]</ValueOptions>
  <HiddenOption>>true</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>The payment method of the public network type instance can be charged
by bandwidth or by flow meter.</OptionDescription>
</ConfigOption>
</ConfigOptions>
<PathLabel>Internet SLB</PathLabel>
<PathName>resources.slb.internet</PathName>
</ConfigPath>
<ConfigPath>
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  <ConfigOptions>
    <ConfigOption>
      <MinValue>-1</MinValue>
      <ValueType>Boolean</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"Switch","props":{}}</EditorType>
      <DefaultValue>>false</DefaultValue>
      <MaxValue>-1</MaxValue>
      <RegexDesc></RegexDesc>

```



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<PathName>resources.slb.intranet</PathName>
<OptionName>enable</OptionName>
<OptionLabel>Enable Intranet SLB</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Whether to enable intranet SLB, if there are multiple instances in the deployment environment, you can use SLB for load balancing, which can be used in SLB console to create or configure SLB. </OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"SLBSelector","props":{"AddressType":"intranet"}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>slbId</OptionName>
<OptionLabel>Intranet SLB</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Use an existing SLB instance or automatically purchase an SLB instance from Web+.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>1</MinValue>
<ValueType>Integer</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"NumberPicker","props":{}}</EditorType>
<DefaultValue>80</DefaultValue>
<MaxValue>65535</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>listenerPort</OptionName>
<OptionLabel>Intranet SLB Listener Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Intranet SLB listening port, use this port to access applications from the intranet.</OptionDescription>
</ConfigOption>
</ConfigOption>

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    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Select","props":{}}</EditorType>
    <DefaultValue>http</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>protocol</OptionName>
    <OptionLabel>Intranet SLB Protocol</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>16</MaxLength>
    <ValueOptions>[{"value":"tcp","label":"TCP"},{"value":"http","label":"HTTP"}]</ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Protocol used by the intranet SLB</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>forwardingRule</OptionName>
    <OptionLabel>Intranet SLB Forwarding Rule</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>128</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Forwarding rules used by the intranet SLB. The forwarding rule is in the format of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.taobao.com, /test are all correct forwarding rules.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>1</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
    <DefaultValue>80</DefaultValue>
    <MaxValue>65535</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>backendPort</OptionName>
    <OptionLabel>Intranet SLB Backend Port</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>true</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>

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```

    <HiddenOption>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The intranet SLB forwards the request to the port of the instance, which is
generally the application reverse proxy port</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
    <DefaultValue>-1</DefaultValue>
    <MaxValue>5120</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>bandwidth</OptionName>
    <OptionLabel>Max Bandwidth</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The peak bandwidth of the load balancer.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Select","props":{}}</EditorType>
    <DefaultValue>slb.s1.small</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>loadBalancerSpec</OptionName>
    <OptionLabel>Load Balancer Spec</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions>["slb.s1.small","slb.s2.small","slb.s2.medium","slb.s3.small","slb.s3.medium","
slb.s3.large"]</ValueOptions>
    <HiddenOption>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The specifications of the load balancing instance.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.slb.intranet</PathName>
    <OptionName>healthCheckUrl</OptionName>

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```

<OptionLabel>健康检查URL</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>256</MaxLength>
<ValueOptions></ValueOptions>
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<MinLength>0</MinLength>
<OptionDescription>用于健康检查的URL路径。</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Select","props":{}}</EditorType>
<DefaultValue>paybytraffic</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>internetChargeType</OptionName>
<OptionLabel>Charge Type</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["paybybandwidth","paybytraffic"]</ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The payment method of the SLB instance can be charged by bandwidth or
by flow meter.</OptionDescription>
</ConfigOption>
</ConfigOptions>
<PathLabel>Intranet SLB</PathLabel>
<PathName>resources.slb.intranet</PathName>
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<ConfigPath>
<HiddenPath>>false</HiddenPath>
<ConfigOptions>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>Boolean</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Switch","props":{}}</EditorType>
<DefaultValue>>false</DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>enable</OptionName>
<OptionLabel>Enable</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The Aliyun Relational Database Service is a stable, resilient, scalable online
database service that supports MySQL, SQL Server, PostgreSQL, DBAS, and MariaDB/MySQL engines. It also provi

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database service that supports MySQL, SQL Server, PostgreSQL, PPAS, and MariaDB 1X engines. It also provides a complete solution for disaster tolerance, backup, recovery, monitoring, migration, and more. For more information, please refer to [What is Cloud Database RDS](//help.aliyun.com/knowledge_detail/26092.html)。

```

</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>Boolean</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Switch","props":{}}</EditorType>
  <DefaultValue>>false</DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>imported</OptionName>
  <OptionLabel>Use existed instance</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>-1</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Please import an existing RDS instance. Under this scenario, you need to ensure that the corresponding database, account and password exist on the instance. And Web+ will send the provided connection information to the application.</OptionDescription>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"RDSSelector","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>rdsId</OptionName>
  <OptionLabel>Database Instance</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Please select the database instance you want to import</OptionDescription>
n>
</ConfigOption>
<ConfigOption>
  <MinValue>-1</MinValue>
  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
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  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>

```

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    <PathName>resources.rds</PathName>
    <OptionName>zoneId</OptionName>
    <OptionLabel>Zone</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
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    <MaxLength>64</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Please select the available zone where the RDS instance is located</Option
Description>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>JSON</ValueType>
    <RegexPattern></RegexPattern>
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    <DefaultValue>[]</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>vSwitches</OptionName>
    <OptionLabel>Zone and VSwitch</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
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ar-marked switch is the default switch for the current environment)</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>engine</OptionName>
    <OptionLabel>Database Type</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>RDS supports database types such as MySQL, PostgreSQL, SQL Server, Ma
riaDB TX, and PPAS (Postgre Plus Advanced Server, highly compatible Oracle Database).</OptionDescription
>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>

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  <RegexPattern></RegexPattern>
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  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>storageType</OptionName>
  <OptionLabel>Storage Type</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>
  <MaxLength>32</MaxLength>
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  <OptionDescription>To meet the needs of different scenarios, cloud database RDS offers three types of data storage: local_ssd , cloud_ssd, and cloud_essd. It is recommended to use the local SSD disk to store data on the local SSD disk, which can reduce I/O latency. Detail can be referenced here Storage type.</OptionDescription>
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  <MaxValue>10000</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>resources.rds</PathName>
  <OptionName>storageSize</OptionName>
  <OptionLabel>Storage size</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <ReadOnlyOption>>false</ReadOnlyOption>

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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Choose the right storage size for your business needs (in GB)</OptionDesc
ription>
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    <RegexDesc></RegexDesc>
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    <OptionName>dbInstanceClass</OptionName>
    <OptionLabel>Instance Class</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Cloud database RDS offers two instance size families, both generic and exc
lusive. Generic instance has universal exclusive allocated memory and I/O resources but share CPU and stora
ge resources with other generic instances on the same physical machine. Exclusive instance has exclusive cp
u, memory, storage, and I/O resources and performance that is not affected by the behavior of other instan
ces on the physical machine. See in detail Instance Specification Family</a>.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <RegexPattern></RegexPattern>
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    <RegexDesc></RegexDesc>
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    <OptionName>databaseName</OptionName>
    <OptionLabel>Database Name</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>64</MaxLength>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The name of the database. Under purchasing scenario, Web+ will help you
create the database (except PostgreSQL, PPAS, and SQL Server 2017 Cluster Edition, which you can do with
CREATE DATABASE in SQL), and under the import scenario you need to ensure that the database already exi
sts.</OptionDescription>
  </ConfigOption>
  <ConfigOption>

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<OptionLabel>Character Set</OptionLabel>
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<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The character set of the database, MySQL and MariaDB by default takes utf
8mb4, SQL Server by default takes Chinese-PRC-CI-AS</OptionDescription>
</ConfigOption>
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<MinLength>0</MinLength>
<OptionDescription>The database account. Under the purchasing scenario, Web+ will help you
create and maintain this account on the instance, and under the import scenario you need to ensure that th
e account is correct.</OptionDescription>
</ConfigOption>
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<valueOptions></valueOptions>
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<OptionDescription>The password of the database account. Under the purchasing scenario, We
b+ will ensure that the account is consistent with the password, and under the import scene you need to en
sure that the password is correct.(Password rule is: uppercase, lowercase, number, special characters accou
nted for three, length 8-32 bits, special characters for </OptionDescription>
</ConfigOption>
<ConfigOption>
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<ReadOnlyOption>>false</ReadOnlyOption>
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<MinLength>0</MinLength>
<OptionDescription>Cloud database RDS include four series: Basic, High Available, Cluster, and
Financial. Details can be found here <a target="_blank" href="//help.aliyun.com/document_detail/556
65.html">Overview of the product line</a>。 </OptionDescription>
</ConfigOption>
</ConfigOptions>
<PathLabel>Cloud Database RDS</PathLabel>
<PathName>resources.rds</PathName>
</ConfigPath>
</ConfigPaths>
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<ConfigGroup>
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<RegexDesc></RegexDesc>
<PathName>application.option</PathName>
<OptionName>port</OptionName>
<OptionLabel>Server Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
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<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
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<MinLength>0</MinLength>
<OptionDescription>This port will be used as the HTTP service port after the application is launched, and ports from 1024 to 65535 can be used.</OptionDescription>
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<MaxValue>180</MaxValue>
<RegexDesc></RegexDesc>
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<OptionName>maxStartDuration</OptionName>
<OptionLabel>Application Max Start Duration (Seconds)</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>If the health check status is still incorrect during this time after the application is started, the application is considered to have failed to start.</OptionDescription>
</ConfigOption>
</ConfigOptions>
<PathLabel>General</PathLabel>
<PathName>application.option</PathName>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>application.healthCheck</PathName>
<OptionName>type</OptionName>
<OptionLabel>Health Check Type</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>16</MaxLength>
<ValueOptions>[{"value":"http","label":"HTTP"},{"value":"tcp","label":"TCP"}]</ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The type of protocol used by the health check, currently supporting TCP and HTTP. Web+ will periodically send health check requests to the application's service port to determine if t

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the application is healthy.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.healthCheck</PathName>
    <OptionName>path</OptionName>
    <OptionLabel>Health Check URL</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>256</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will request this URL and judge whether the application is healthy according to the response code. If a non-20x/30x response code is received or the response times out, it is determined that the single health check failed.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
    <DefaultValue>3</DefaultValue>
    <MaxValue>30</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.healthCheck</PathName>
    <OptionName>retryCount</OptionName>
    <OptionLabel>Health Check Retry Count</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>If the health check retry exceeds this number, it is determined that the health check failed.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
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    <MaxValue>60</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.healthCheck</PathName>
    <OptionName>intervalSeconds</OptionName>
    <OptionLabel>Health Check Interval (Seconds)</OptionLabel>

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    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>-1</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>When an inspection fails, the interval to the next health check is long.</Op
tionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
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    <MaxValue>60</MaxValue>
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    <PathName>application.healthCheck</PathName>
    <OptionName>timeoutSeconds</OptionName>
    <OptionLabel>Health Check Timeout (Seconds)</OptionLabel>
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    <MaxLength>-1</MaxLength>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>The timeout period for a single health check.</OptionDescription>
  </ConfigOption>
</ConfigOptions>
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<PathName>application.healthCheck</PathName>
</ConfigPath>
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      <MaxValue>-1</MaxValue>
      <RegexDesc></RegexDesc>
      <PathName>application.commands</PathName>
      <OptionName>start</OptionName>
      <OptionLabel>Start Command</OptionLabel>
      <ChangeSeverity>NoInterruption</ChangeSeverity>
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      <MaxLength>1024</MaxLength>
      <ValueOptions></ValueOptions>
      <HiddenOption>>false</HiddenOption>
      <MinLength>0</MinLength>
      <OptionDescription>Web+ uses this command to launch an application</OptionDescription>
    </ConfigOption>

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<ConfigOption>
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  <ValueType>String</ValueType>
  <RegexPattern></RegexPattern>
  <EditorType>{"component":"Editor","props":{}}</EditorType>
  <DefaultValue></DefaultValue>
  <MaxValue>-1</MaxValue>
  <RegexDesc></RegexDesc>
  <PathName>application.commands</PathName>
  <OptionName>stop</OptionName>
  <OptionLabel>Stop Command</OptionLabel>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
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  <MaxLength>1024</MaxLength>
  <ValueOptions></ValueOptions>
  <HiddenOption>>false</HiddenOption>
  <MinLength>0</MinLength>
  <OptionDescription>Web+ uses this command to stop the application</OptionDescription>
</ConfigOption>
</ConfigOptions>
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<PathName>application.commands</PathName>
</ConfigPath>
<ConfigPath>
  <HiddenPath>>true</HiddenPath>
  <ConfigOptions>
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      <ValueType>String</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"Editor","props":{}}</EditorType>
      <DefaultValue></DefaultValue>
      <MaxValue>-1</MaxValue>
      <RegexDesc></RegexDesc>
      <PathName>hooks</PathName>
      <OptionName>prestart</OptionName>
      <OptionLabel>PreStart</OptionLabel>
      <ChangeSeverity>NoInterruption</ChangeSeverity>
      <ReadOnlyOption>>false</ReadOnlyOption>
      <MaxLength>1024</MaxLength>
      <ValueOptions></ValueOptions>
      <HiddenOption>>false</HiddenOption>
      <MinLength>0</MinLength>
      <OptionDescription>Web+ will call this command before the app starts</OptionDescription>
    </ConfigOption>
  </ConfigOptions>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>hooks</PathName>

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    <OptionName>poststart</OptionName>
    <OptionLabel>PostStart</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
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    <ValueOptions></ValueOptions>
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    <MinLength>0</MinLength>
    <OptionDescription>Web+ will call this command after the app launches</OptionDescription>
  </ConfigOption>
  <ConfigOption>
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    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>hooks</PathName>
    <OptionName>prestop</OptionName>
    <OptionLabel>PreStop</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will call this command before the application stops</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>hooks</PathName>
    <OptionName>poststop</OptionName>
    <OptionLabel>PostStop</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
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    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will call this command after the app has stopped</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Editor","props":{}}</EditorType>

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<MaxValue>-1</MaxValue>
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<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>1024</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
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scription>
</ConfigOption>
</ConfigOptions>
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<MaxValue>-1</MaxValue>
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<PathName>application.environmentVariables</PathName>
<OptionName>value</OptionName>
<OptionLabel>Environmental Variables</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>>false</ReadOnlyOption>
<MaxLength>16384</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The environment variable used to launch the app.</OptionDescription>
</ConfigOption>
</ConfigOptions>
<PathLabel>Startup options</PathLabel>
<PathName>application.environmentVariables</PathName>
</ConfigPath>
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<ConfigOptions>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"TextArea","props":{}}</EditorType>
<DefaultValue></DefaultValue>

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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.jvmOpts</PathName>
    <OptionName>value</OptionName>
    <OptionLabel>JVM Options</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>16384</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>false</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Set the Java virtual machine parameters used to launch the application.</
OptionDescription>
  </ConfigOption>
</ConfigOptions>
<PathLabel>JVM</PathLabel>
<PathName>application.jvmOpts</PathName>
</ConfigPath>
<ConfigPath>
  <HiddenPath>>true</HiddenPath>
  <ConfigOptions>
    <ConfigOption>
      <MinValue>-1</MinValue>
      <ValueType>String</ValueType>
      <RegexPattern></RegexPattern>
      <EditorType>{"component":"FileUploader","props":{}}</EditorType>
      <DefaultValue></DefaultValue>
      <MaxValue>-1</MaxValue>
      <RegexDesc></RegexDesc>
      <PathName>application.tomcatServerXml</PathName>
      <OptionName>serverConfig</OptionName>
      <OptionLabel>Tomcat Configuration File</OptionLabel>
      <ChangeSeverity>NoInterruption</ChangeSeverity>
      <ReadOnlyOption>>false</ReadOnlyOption>
      <MaxLength>256</MaxLength>
      <ValueOptions></ValueOptions>
      <HiddenOption>>false</HiddenOption>
      <MinLength>0</MinLength>
      <OptionDescription>Use this file to replace Tomcat's server.xml configuration</OptionDescript
ion>
    </ConfigOption>
  </ConfigOptions>
<PathLabel>Tomcat Configuration</PathLabel>
<PathName>application.tomcatServerXml</PathName>
</ConfigPath>
<ConfigPath>
  <HiddenPath>>true</HiddenPath>
  <ConfigOptions>
    <ConfigOption>
      <MinValue>-1</MinValue>
      <ValueType>String</ValueType>
      <RegexPattern>^[A-Za-z0-9_\.]{1,64}$</RegexPattern>
      <EditorType>{"component":"Input","props":{}}</EditorType>
      <DefaultValue></DefaultValue>

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    <MaxValue>-1</MaxValue>
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    <PathName>application.package</PathName>
    <OptionName>label</OptionName>
    <OptionLabel>Package Label</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>64</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will use this version of the deployment package to deploy ECS instan
ces.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.package</PathName>
    <OptionName>storageKey</OptionName>
    <OptionLabel>Package File Name</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>256</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Web+ will deploy this file to the ECS instance.</OptionDescription>
  </ConfigOption>
  <ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</EditorType>
    <DefaultValue></DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.package</PathName>
    <OptionName>url</OptionName>
    <OptionLabel>Package URL</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <ReadOnlyOption>>false</ReadOnlyOption>
    <MaxLength>1024</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>>true</HiddenOption>
    <MinLength>0</MinLength>
    <OptionDescription>Configure the URL of package.</OptionDescription>
  </ConfigOption>
</ConfigOptions>
<PathLabel>webx.configindex.path.application.application-package.msg</PathLabel>

```

```

    <PathName>application.package</PathName>
  </ConfigPath>
</ConfigPaths>
</ConfigGroup>
</ConfigGroups>
<StackName>Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903</StackName>
</DescribeConfigIndexResponse>

```

JSON 格式

```

{
  "Message": "success",
  "StackId": "ws-6c937c98a9c0296d0c4823983",
  "RequestId": "0416FA4F-BB38-4237-AAC5-38F15E0*****",
  "Code": "OK",
  "StackName": "Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903",
  "ConfigGroups": {
    "ConfigGroup": [
      {
        "GroupName": "platform",
        "GroupLabel": "Platform",
        "ConfigPaths": {
          "ConfigPath": [
            {
              "HiddenPath": false,
              "ConfigOptions": {
                "ConfigOption": [
                  {
                    "MinValue": -1,
                    "ValueType": "String",
                    "RegexPattern": "",
                    "EditorType": "{\\\"component\\\": \\\"Select\\\", \\\"props\\\": {}}",
                    "DefaultValue": "nginx",
                    "RegexDesc": "",
                    "MaxValue": -1,
                    "PathName": "proxy",
                    "OptionName": "type",
                    "OptionLabel": "Reverse Proxy Type",
                    "ChangeSeverity": "NoInterruption",
                    "ReadOnlyOption": false,
                    "MaxLength": 32,
                    "ValueOptions": "[{\\\"value\\\": \\\"nginx\\\", \\\"label\\\": \\\"Nginx (1.14.2)\\\"},{\\\"value\\\": \\\"apache\\\", \\\"label\\\": \\\"Apache HTTP Server (2.4.6)\\\"}]",
                    "HiddenOption": false,
                    "MinLength": 0,
                    "OptionDescription": "The reverse proxy type used. After the reverse proxy starts, it will listen to the instance's port 80. Make sure that the port is not occupied by other programs. The reverse proxy will forward the received HTTP request to the application's service port."
                  }
                ]
              }
            }
          ]
        },
        "PathLabel": "Reverse Proxy",
        "PathName": "proxy"
      }
    ]
  }
}

```

```

]
}
},
{
  "GroupName":"resources",
  "GroupLabel":"Resource",
  "ConfigPaths":{
    "ConfigPath":[
      {
        "HiddenPath":false,
        "ConfigOptions":{
          "ConfigOption":[
            {
              "MinValue":-1,
              "ValueType":"JSON",
              "RegexPattern": "",
              "EditorType": "{ \"component\": \"VpcOptionSelector\", \"props\": { } }",
              "DefaultValue": "{ \"vpcId\": \"vpc-wz9e6y22o3o91nuy****\", \"vSwitches\": [ \"vsw-wz9gfawx1vxkimtj****\" ] }",
              "RegexDesc": "",
              "MaxValue":-1,
              "PathName": "resources.network",
              "OptionName": "vpcOption",
              "OptionLabel": "Network Options",
              "ChangeSeverity": "NoInterruption",
              "ReadOnlyOption": false,
              "MaxLength": 1024,
              "ValueOptions": "",
              "HiddenOption": false,
              "MinLength": 0,
              "OptionDescription": "For VPCs and switches used in the deployment environment, if multiple switches are selected, Web+ will distribute the ECS instances equally across the selected switches. New VPCs and switches can be created in the <a href=\"//vpc.console.aliyun.com\" target=\"_blank\">VPC console</a>."
            }
          ]
        },
        "PathLabel": "Network",
        "PathName": "resources.network"
      },
      {
        "HiddenPath": false,
        "ConfigOptions": {
          "ConfigOption": [
            {
              "MinValue": -1,
              "ValueType": "List",
              "RegexPattern": "",
              "EditorType": "{ \"component\": \"InstanceTypeSelector\", \"props\": { \"mode\": \"multiple\" } }",
              "DefaultValue": "[ \"ecs.t5-****.small\", \"ecs.xn4.small\", \"ecs.n1.tiny\", \"ecs.g5.large\" ]",
              "RegexDesc": "",
              "MaxValue": -1,
              "PathName": "resources.ecs.autoScaling",
              "OptionName": "instanceType",
              "OptionLabel": "Instance Type",

```

```

"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":10,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"The instance specification used by the deployment environment, Web+ will create an ECS instance using the selected specifications. Multiple specifications can be selected. When the selected specifications are insufficient, Web+ will attempt to create in the order selected, up to 10 instance specifications. An ECS instance created by Web+, using the <a target=\"_blank\" href=\"//help.aliyun.com/knowledge_detail/40653.html\">Pay As You Go</a>."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\":\"Input\", \"props\":{}},
"DefaultValue":"wp-autoscaled",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"instanceName",
"OptionLabel":"Instance Name",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":128,
"ValueOptions": "",
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"Instance name used"
},
{
"MinValue":0,
"ValueType":"Integer",
"RegexPattern": "",
"EditorType":{"component\":\"NumberPicker\", \"props\":{}},
"DefaultValue":"1",
"RegexDesc": "",
"MaxValue":100,
"PathName":"resources.ecs.autoScaling",
"OptionName":"instanceNum",
"OptionLabel":"Instance Number",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"The number of instances used, Web+ will expand or shrink the deployment environment based on this number."
},
{
"MinValue":-1,
"ValueType":"List",

```

```

"RegexPattern": "",
"EditorType": {"component": "SecurityGroupSelector", "props": {"mode": "multiple"}},
"DefaultValue": [],
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "securityGroupIds",
"OptionLabel": "Security Groups",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 5,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "The security group used by the instance can select up to 5 security groups."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": {"component": "Input", "props": {}},
"DefaultValue": "AliyunECSInstanceForWebPlusRole",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "ramRoleName",
"OptionLabel": "ECS RAM Role Name",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": true,
"MaxLength": 64,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "RAM role name used by ECS instances created by Web+"
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": {"component": "KeyPairSelector", "props": {}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "keyPairName",
"OptionLabel": "Key Pair Name",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 64,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Key pair, used for SSH login, please refer to <a href="//help.aliyun.com/document_detail/51793.html" target="_blank">Using SSH key pair</a>."
},

```

```

},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": {"component": "Select", "props": {}},
  "DefaultValue": "release",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "scalingPolicy",
  "OptionLabel": "Scaling Policy",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 16,
  "ValueOptions": [{"value": "recycle", "label": "{{webx.configvalue.resources-ecs-autoScaling.scalin
gPolicy.recycle.msg}}"}, {"value": "release", "label": "{{webx.configvalue.resources-ecs-autoScaling.scali
ngPolicy.recycle.msg}}"}],
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Recycling mode when the ECS instance is shrunk, optional release mode or shutd
own recovery mode."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": {"component": "Input", "props": {}},
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "userData",
  "OptionLabel": "User Data",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 16384,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Configure ECS user data, refer to <a href='\"//help.aliyun.com/video_detail/54745.
html\" target='\"_blank\"> ECS User Data Practices</a>."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": {"component": "DataDiskEditor", "props": {}},
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "resources.ecs.autoScaling",
  "OptionName": "dataDiskInfo",
  "OptionLabel": "Data Disk Infomation",
  "ChangeSeverity": "NoInterruption"
}

```

```
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": true,
    "MaxLength": 1024,
    "ValueOptions": "",
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "Configure information about the data disk."
  },
  {
    "MinValue": 40,
    "ValueType": "Integer",
    "RegexPattern": "",
    "EditorType": "{\"component\":\"NumberPicker\",\"props\":{}}",
    "DefaultValue": "100",
    "RegexDesc": "",
    "MaxValue": 500,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "systemDiskSize",
    "OptionLabel": "System Disk Size",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "System disk size (GB)"
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\"component\":\"Select\",\"props\":{}}",
    "DefaultValue": "cloud_efficiency",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling",
    "OptionName": "systemDiskCategory",
    "OptionLabel": "System Disk Category",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 32,
    "ValueOptions": "[\"cloud\",\"cloud_efficiency\",\"cloud_ssd\",\"ephemeral_ssd\"]",
    "HiddenOption": true,
    "MinLength": 1,
    "OptionDescription": "The disk type of the system disk, optional: cloud, cloud_efficiency, cloud_ssd, ephemeral_ssd."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\"component\":\"Select\",\"props\":{}}",
    "DefaultValue": "BALANCE",
    "RegexDesc": "",
    "MaxValue": -1,

```



```

"PathName":"resources.ecs.autoScaling",
"OptionName":"multiAzPolicy",
"OptionLabel":"Multiple Zones Policy",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":["\\"PRIORITY\\"","\\"COST_OPTIMIZED\\"","\\"BALANCE\\""],
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"Multi-AZ scaling group used by Web+ ECS instance expansion and contraction strategy, optional priority policy or balancing policy."
},
{
"MinValue":-1,
"ValueType":"Boolean",
"RegexPattern": "",
"EditorType": "{\\"component\\":\\"Switch\\","\\"props\\":{}}",
"DefaultValue":"true",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"enableInternet",
"OptionLabel":"Enable Public IP",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Whether the public network IP address is enabled. If enabled, the ECS instance in the deployment environment can be accessed from the public network. Pay attention to the security configuration. The public network service provided by the ECS instance may incur charges. Please refer to <a href=\\\\"// Help.aliyun.com/document_detail/25411.html\\" target=\\\"_blank\\\">public network bandwidth billing</a>."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType": "{\\"component\\":\\"Switch\\","\\"props\\":{}}",
"DefaultValue":"PayByTraffic",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.ecs.autoScaling",
"OptionName":"internetChargeType",
"OptionLabel":"Internet Charge Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions":["\\"PayByBandwidth\\"","\\"PayByTraffic\\""],
"HiddenOption":true,
"MinLength":1,
"OptionDescription":"The network charge type can be selected to be charged by flow rate or by bandwidth."
}

```

```
    },
    {
      "MinValue":1,
      "ValueType":"Integer",
      "RegexPattern":"","
      "EditorType":{"component\":\"NumberPicker\",\"props\":{}},
      "DefaultValue\":\"100\",
      "RegexDesc":"","
      "MaxValue":200,
      "PathName\":\"resources.ecs.autoScaling\",
      "OptionName\":\"internetMaxBandwidthIn\",
      "OptionLabel\":\"Max Bandwidth Inbound\",
      "ChangeSeverity\":\"NoInterruption\",
      "ReadOnlyOption":false,
      "MaxLength":-1,
      "ValueOptions":"","
      "HiddenOption":true,
      "MinLength":0,
      "OptionDescription\":\"The maximum bandwidth of the public network is in Mbps (Mega bit per second),
and the value ranges from 1 to 200.\"
    },
    {
      "MinValue":0,
      "ValueType":"Integer",
      "RegexPattern":"","
      "EditorType":{"component\":\"NumberPicker\",\"props\":{}},
      "DefaultValue\":\"50\",
      "RegexDesc":"","
      "MaxValue":100,
      "PathName\":\"resources.ecs.autoScaling\",
      "OptionName\":\"internetMaxBandwidthOut\",
      "OptionLabel\":\"Max Bandwidth Outbound\",
      "ChangeSeverity\":\"NoInterruption\",
      "ReadOnlyOption":false,
      "MaxLength":-1,
      "ValueOptions":"","
      "HiddenOption":true,
      "MinLength":0,
      "OptionDescription\":\"The maximum bandwidth of the public network, in Mbps (Mega bit per second), t
he value range is 0-100.\"
    },
    {
      "MinValue":-1,
      "ValueType":"Boolean",
      "RegexPattern":"","
      "EditorType":{"component\":\"Switch\",\"props\":{}},
      "DefaultValue\":\"true\",
      "RegexDesc":"","
      "MaxValue":-1,
      "PathName\":\"resources.ecs.autoScaling\",
      "OptionName\":\"ioOptimized\",
      "OptionLabel\":\"IO Optimized\",
      "ChangeSeverity\":\"NoInterruption\",
      "ReadOnlyOption":false,
```

```

"MaxLength":-1,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Whether to create I/O optimization instances."
},
{
"MinValue":-1,
"ValueType": "Boolean",
"RegexPattern": "",
"EditorType": "{\"component\": \"Switch\", \"props\": {}}",
"DefaultValue": "false",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "passwordInherit",
"OptionLabel": "Password Inherit",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Whether to use the password of the mirror preset. When using this parameter, the password used by the mirror must be preset."
}
]
},
"PathLabel": "Instance",
"PathName": "resources.ecs.autoScaling"
},
{
"HiddenPath": false,
"ConfigOptions": {
"ConfigOption": [
{
"MinValue":-1,
"ValueType": "Boolean",
"RegexPattern": "",
"EditorType": "{\"component\": \"Switch\", \"props\": {\"enableLabel\": \"When this option is enabled, the application will be accessible from the public network. Please pay attention to your security configuration.\"}}",
"DefaultValue": "false",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "resources.slb.internet",
"OptionName": "enable",
"OptionLabel": "Enable Internet SLB",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,

```

```

    "OptionDescription": "Whether to enable the public network SLB, if there are multiple instances of the deployment environment, you can use SLB for load balancing, which can be controlled in <a href='\"//slb.console.aliyun.com\"' target='\"_blank\"'>SLB Desk</a> creates or configures an SLB."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"SLBSelector\", \"props\": { \"AddressType\": \"internet\" } }",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.slb.internet",
    "OptionName": "slbId",
    "OptionLabel": "Internet SLB",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 32,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Use an existing SLB instance or automatically purchase an SLB instance from Web
+."
  },
  {
    "MinValue": 1,
    "ValueType": "Integer",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"NumberPicker\", \"props\": { } }",
    "DefaultValue": "80",
    "RegexDesc": "",
    "MaxValue": 65535,
    "PathName": "resources.slb.internet",
    "OptionName": "listenerPort",
    "OptionLabel": "Internet SLB Listener Port",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "The listening port of the public network SLB can use this port to access applications from the public network."
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Select\", \"props\": { } }",
    "DefaultValue": "http",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.slb.internet",
    "OptionName": "protocol",
    "OptionLabel": "Internet SLB Protocol"
  }

```

```

    "OptionLabel": "Internet SLB Protocol",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 16,
    "ValueOptions": "[{"value": "tcp", "label": "TCP"}, {"value": "http", "label": "HTTP"}]",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Protocol used by the internet SLB"
  },
  {
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Input\", \"props\": {} }",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.slb.internet",
    "OptionName": "forwardingRule",
    "OptionLabel": "Internet SLB Forwarding Rule",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 128,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "Forwarding rules used by the internet SLB. The forwarding rule is in the format of Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.taobao.com, /test are all correct forwarding rules."
  },
  {
    "MinValue": 1,
    "ValueType": "Integer",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"NumberPicker\", \"props\": {} }",
    "DefaultValue": "80",
    "RegexDesc": "",
    "MaxValue": 65535,
    "PathName": "resources.slb.internet",
    "OptionName": "backendPort",
    "OptionLabel": "Internet SLB Backend Port",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": true,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "The internet SLB forwards the request to the port of the instance, which is generally the application reverse proxy port"
  },
  {
    "MinValue": -1,
    "ValueType": "Integer",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"NumberPicker\", \"props\": {} }".

```

```

"DefaultValue": "-1",
"RegexDesc": "",
"MaxValue": 5120,
"PathName": "resources.slb.internet",
"OptionName": "bandwidth",
"OptionLabel": "Max Bandwidth",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": -1,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "The peak bandwidth of the load balancer."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"Select\",\"props\":{\"}}",
"DefaultValue": "slb.s1.small",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.slb.internet",
"OptionName": "loadBalancerSpec",
"OptionLabel": "Load Balancer Spec",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 32,
"ValueOptions": "[\"slb.s1.small\",\"slb.s2.small\",\"slb.s2.medium\",\"slb.s3.small\",\"slb.s3.medium\",\\
\"slb.s3.large\"]",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "The specifications of the load balancing instance."
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"Input\",\"props\":{\"}}",
"DefaultValue": "/",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "resources.slb.internet",
"OptionName": "healthCheckUrl",
"OptionLabel": "Health Check URL",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 256,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "URL path for health checks."
},
{

```

```

"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType": {"component": "Select", "props": {}},
"DefaultValue": "paybytraffic",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "resources.slb.internet",
"OptionName": "internetChargeType",
"OptionLabel": "Internet Charge Type",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 32,
"ValueOptions": ["paybybandwidth", "paybytraffic"],
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "The payment method of the public network type instance can be charged by bandwidth or by flow meter."
}
],
"PathLabel": "Internet SLB",
"PathName": "resources.slb.internet"
},
{
"HiddenPath": false,
"ConfigOptions": {
"ConfigOption": [
{
"MinValue":-1,
"ValueType": "Boolean",
"RegexPattern": "",
"EditorType": {"component": "Switch", "props": {}},
"DefaultValue": "false",
"RegexDesc": "",
"MaxValue":-1,
"PathName": "resources.slb.intranet",
"OptionName": "enable",
"OptionLabel": "Enable Intranet SLB",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": -1,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Whether to enable intranet SLB, if there are multiple instances in the deployment environment, you can use SLB for load balancing, which can be used in <a href='\"//slb.console.aliyun.com\" target='\"_blank\">SLB console</ a>Create or configure SLB."
},
{
"MinValue":-1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": {"component": "SLBSelector", "props": {"AddressType": "intranet"}},

```

```

    "DefaultValue":"","
    "RegexDesc":"","
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"slbId",
    "OptionLabel":"Intranet SLB",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":32,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Use an existing SLB instance or automatically purchase an SLB instance from Web
+."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern":"","
    "EditorType":{"component\\":"NumberPicker\\","props\\":{}},
    "DefaultValue":"80",
    "RegexDesc":"","
    "MaxValue":65535,
    "PathName":"resources.slb.intranet",
    "OptionName":"listenerPort",
    "OptionLabel":"Intranet SLB Listener Port",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions":"","
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Intranet SLB listening port, use this port to access applications from the intranet.
"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","
    "EditorType":{"component\\":"Select\\","props\\":{}},
    "DefaultValue":"http",
    "RegexDesc":"","
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"protocol",
    "OptionLabel":"Intranet SLB Protocol",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":16,
    "ValueOptions":[{"value\\":"tcp\\","label\\":"TCP\\"},{"value\\":"http\\","label\\":"HTTP\\"}],
    "HiddenOption":false,
    "MinLength":0,
    "OptionDescription":"Protocol used by the intranet SLB"
  },
  -

```



```

{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType":{"component\\":"Input\\","props\\":{}},
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName":"resources.slb.intranet",
  "OptionName":"forwardingRule",
  "OptionLabel":"Intranet SLB Forwarding Rule",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":false,
  "MaxLength":128,
  "ValueOptions": "",
  "HiddenOption":false,
  "MinLength":0,
  "OptionDescription":"Forwarding rules used by the intranet SLB. The forwarding rule is in the format of
Host / Path, and Host or Path needs to configure at least one item, such as www.taobao.com/test, www.tao
bao.com, /test are all correct forwarding rules."
},
{
  "MinValue":1,
  "ValueType":"Integer",
  "RegexPattern": "",
  "EditorType":{"component\\":"NumberPicker\\","props\\":{}},
  "DefaultValue":"80",
  "RegexDesc": "",
  "MaxValue":65535,
  "PathName":"resources.slb.intranet",
  "OptionName":"backendPort",
  "OptionLabel":"Intranet SLB Backend Port",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":true,
  "MaxLength":-1,
  "ValueOptions": "",
  "HiddenOption":true,
  "MinLength":0,
  "OptionDescription":"The intranet SLB forwards the request to the port of the instance, which is gener
ally the application reverse proxy port"
},
{
  "MinValue":-1,
  "ValueType":"Integer",
  "RegexPattern": "",
  "EditorType":{"component\\":"NumberPicker\\","props\\":{}},
  "DefaultValue":"-1",
  "RegexDesc": "",
  "MaxValue":5120,
  "PathName":"resources.slb.intranet",
  "OptionName":"bandwidth",
  "OptionLabel":"Max Bandwidth",
  "ChangeSeverity":"NoInterruption",
  "ReadOnlyOption":false,
  "MaxLength":1
}

```

```

    "MaxLength":-1,
    "ValueOptions":"","",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"The peak bandwidth of the load balancer."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","",
    "EditorType":{"component\\":"Select\\","props\\":{}}},
    "DefaultValue":"slb.s1.small",
    "RegexDesc":"","",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"loadBalancerSpec",
    "OptionLabel":"Load Balancer Spec",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":32,
    "ValueOptions":["slb.s1.small\\","slb.s2.small\\","slb.s2.medium\\","slb.s3.small\\","slb.s3.medium\\",
"slb.s3.large\\"]],
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"The specifications of the load balancing instance."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","",
    "EditorType":{"component\\":"Input\\","props\\":{}}},
    "DefaultValue":"/",
    "RegexDesc":"","",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"healthCheckUrl",
    "OptionLabel":"健康检查URL",
    "ChangeSeverity":"NoInterruption",
    "ReadOnlyOption":false,
    "MaxLength":256,
    "ValueOptions":"","",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"用于健康检查的URL路径。"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern":"","",
    "EditorType":{"component\\":"Select\\","props\\":{}}},
    "DefaultValue":"paybytraffic",
    "RegexDesc":"","",
    "MaxValue":-1,
    "PathName":"resources.slb.intranet",
    "OptionName":"internetChargeType".

```

```

    "OptionName": "InternetChargeType",
    "OptionLabel": "Charge Type",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 32,
    "ValueOptions": ["paybybandwidth", "paybytraffic"],
    "HiddenOption": true,
    "MinLength": 0,
    "OptionDescription": "The payment method of the SLB instance can be charged by bandwidth or by flow meter."
  }
]
},
"PathLabel": "Intranet SLB",
"PathName": "resources.slb.intranet"
},
{
  "HiddenPath": false,
  "ConfigOptions": {
    "ConfigOption": [
      {
        "MinValue": -1,
        "ValueType": "Boolean",
        "RegexPattern": "",
        "EditorType": {"component": "Switch", "props": {}},
        "DefaultValue": "false",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "resources.rds",
        "OptionName": "enable",
        "OptionLabel": "Enable",
        "ChangeSeverity": "NoInterruption",
        "ReadOnlyOption": false,
        "MaxLength": -1,
        "ValueOptions": "",
        "HiddenOption": false,
        "MinLength": 0,
        "OptionDescription": "The Aliyun Relational Database Service is a stable, resilient, scalable online database service that supports MySQL, SQL Server, PostgreSQL, PPAS, and MariaDB TX engines. It also provides a complete solution for disaster tolerance, backup, recovery, monitoring, migration, and more. For more information, please refer to What is Cloud Database RDS."
      },
      {
        "MinValue": -1,
        "ValueType": "Boolean",
        "RegexPattern": "",
        "EditorType": {"component": "Switch", "props": {}},
        "DefaultValue": "false",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "resources.rds",
        "OptionName": "imported",
        "OptionLabel": "Use existed instance",
        "ChangeSeverity": "NoInterruption",

```

```

"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Please import an existing RDS instance. Under this scenario, you need to ensure t
hat the corresponding database, account and password exist on the instance. And Web+ will send the provi
ded connection information to the application."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSSelector\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"rdsId",
"OptionLabel":"Database Instance",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Please select the database instance you want to import"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSZoneSelector\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"zoneId",
"OptionLabel":"Zone",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":64,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Please select the available zone where the RDS instance is located"
},
{
"MinValue":-1,
"ValueType":"JSON",
"RegexPattern": "",
"EditorType":{"component\\":"RDSVSwitchSelector\\","props\\":{}},
"DefaultValue":"[]",
"RegexDesc": "",

```

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"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"vSwitches",
"OptionLabel":"Zone and VSwitch",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":1024,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Please select the zone and switch where the RDS instance is located (the star-mar
ked switch is the default switch for the current environment)"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSengineSelector\\","props\\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"engine",
"OptionLabel":"Database Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"RDS supports database types such as MySQL, PostgreSQL, SQL Server, MariaDB T
X, and PPAS (Postgre Plus Advanced Server, highly compatible Oracle Database)."
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSengineVersionSelector\\","props\\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"engineVersion",
"OptionLabel":"Database version",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Choose the right database engine version for your business needs"
},
{
"MinValue":-1,

```

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"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSStorageTypeSelector\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"storageType",
"OptionLabel":"Storage Type",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"To meet the needs of different scenarios, cloud database RDS offers three types
of data storage: local_ssd , cloud_ssd, and cloud_essd. It is recommended to use the local SSD disk to store
data on the local SSD disk, which can reduce I/O latency. Detail can be referenced here <a target=\"_blank\"
href=\"//help.aliyun.com/knowledge_detail/69795.html\">Storage type</a>。 "
},
{
"MinValue":5,
"ValueType":"Integer",
"RegexPattern": "",
"EditorType":{"component\\":"RDSStorageSizeSelector\\","props\\":{}},
"DefaultValue":"100",
"RegexDesc": "",
"MaxValue":10000,
"PathName":"resources.rds",
"OptionName":"storageSize",
"OptionLabel":"Storage size",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":-1,
"ValueOptions": "",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Choose the right storage size for your business needs (in GB)"
},
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern": "",
"EditorType":{"component\\":"RDSInstanceClassSelector\\","props\\":{}},
"DefaultValue": "",
"RegexDesc": "",
"MaxValue":-1,
"PathName":"resources.rds",
"OptionName":"dbInstanceClass",
"OptionLabel":"Instance Class",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":32,
"ValueOptions": "",
"HiddenOption":false

```

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    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"Cloud database RDS offers two instance size families, both generic and exclusive. Generic instance has universal exclusive allocated memory and I/O resources but share CPU and storage resources with other generic instances on the same physical machine. Exclusive instance has exclusive cpu, memory, storage, and I/O resources and performance that is not affected by the behavior of other instances on the physical machine. See in detail Instance Specification Family."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Input\", \"props\": {} }",
    "DefaultValue": "webplus",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName": "resources.rds",
    "OptionName": "databaseName",
    "OptionLabel": "Database Name",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 64,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "The name of the database. Under purchasing scenario, Web+ will help you create the database (except PostgreSQL, PPAS, and SQL Server 2017 Cluster Edition, which you can do with CREATE DATABASE in SQL), and under the import scenario you need to ensure that the database already exists."
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"RDSCharacterSetSelector\", \"props\": {} }",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue":-1,
    "PathName": "resources.rds",
    "OptionName": "characterSetName",
    "OptionLabel": "Character Set",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": 64,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "The character set of the database, MySQL and MariaDB by default takes utf8mb4, SQL Server by default takes Chinese-PRC-CI-AS"
  },
  {
    "MinValue":-1,
    "ValueType":"String",
    "RegexPattern": "",
    "EditorType": "{ \"component\": \"Input\", \"props\": {} }"
  }

```

```

    "EditorType": "{ \"component\": \"input\", \"props\": {} },
    \"DefaultValue\": \"webplus\",
    \"RegexDesc\": \"\",
    \"MaxValue\": -1,
    \"PathName\": \"resources.rds\",
    \"OptionName\": \"accountName\",
    \"OptionLabel\": \"Account Name\",
    \"ChangeSeverity\": \"NoInterruption\",
    \"ReadonlyOption\": false,
    \"MaxLength\": 32,
    \"ValueOptions\": \"\",
    \"HiddenOption\": false,
    \"MinLength\": 0,
    \"OptionDescription\": \"The database account. Under the purchasing scenario, Web+ will help you create
and maintain this account on the instance, and under the import scenario you need to ensure that the acco
unt is correct.\"
  },
  {
    \"MinValue\": -1,
    \"ValueType\": \"String\",
    \"RegexPattern\": \"\",
    \"EditorType\": \"{ \"component\": \"RDSAccountPassword\", \"props\": {} }\",
    \"DefaultValue\": \"\",
    \"RegexDesc\": \"\",
    \"MaxValue\": -1,
    \"PathName\": \"resources.rds\",
    \"OptionName\": \"accountPassword\",
    \"OptionLabel\": \"Password\",
    \"ChangeSeverity\": \"NoInterruption\",
    \"ReadonlyOption\": false,
    \"MaxLength\": 1024,
    \"ValueOptions\": \"\",
    \"HiddenOption\": false,
    \"MinLength\": 0,
    \"OptionDescription\": \"The password of the database account. Under the purchasing scenario, Web+ will
ensure that the account is consistent with the password, and under the import scene you need to ensure th
at the password is correct.(Password rule is: uppercase, lowercase, number, special characters accounted fo
r three, length 8-32 bits, special characters for !@#%&*( )_+=\"
  },
  {
    \"MinValue\": -1,
    \"ValueType\": \"String\",
    \"RegexPattern\": \"\",
    \"EditorType\": \"{ \"component\": \"RDSCategorySelector\", \"props\": {} }\",
    \"DefaultValue\": \"\",
    \"RegexDesc\": \"\",
    \"MaxValue\": -1,
    \"PathName\": \"resources.rds\",
    \"OptionName\": \"category\",
    \"OptionLabel\": \"Category\",
    \"ChangeSeverity\": \"NoInterruption\",
    \"ReadonlyOption\": false,
    \"MaxLength\": 1024,
    \"ValueOptions\": \"\",
    \"HiddenOption\": false,

```



```

    "MinLength":0,
    "OptionDescription":"Cloud database RDS include four series: Basic, High Available, Cluster, and Financial. Details can be found here<a target=\"_blank\" href=\"//help.aliyun.com/document_detail/55665.html\">Overview of the product line</a>。 "
  }
]
},
"PathLabel":"Cloud Database RDS",
"PathName":"resources.rds"
}
]
},
{
  "GroupName":"application",
  "GroupLabel":"Application",
  "ConfigPaths":{
    "ConfigPath":[
      {
        "HiddenPath":false,
        "ConfigOptions":{
          "ConfigOption":[
            {
              "MinValue":1024,
              "ValueType":"Integer",
              "RegexPattern":"","",
              "EditorType":{"component\":\"NumberPicker\",\"props\":{}}",
              "DefaultValue":"8080",
              "RegexDesc":"","",
              "MaxValue":65535,
              "PathName":"application.option",
              "OptionName":"port",
              "OptionLabel":"Server Port",
              "ChangeSeverity":"NoInterruption",
              "ReadonlyOption":false,
              "MaxLength":-1,
              "ValueOptions":"","",
              "HiddenOption":false,
              "MinLength":0,
              "OptionDescription":"This port will be used as the HTTP service port after the application is launched, and ports from 1024 to 65535 can be used."
            },
            {
              "MinValue":0,
              "ValueType":"Integer",
              "RegexPattern":"","",
              "EditorType":{"component\":\"NumberPicker\",\"props\":{}}",
              "DefaultValue":"180",
              "RegexDesc":"","",
              "MaxValue":180,
              "PathName":"application.option",
              "OptionName":"maxStartDuration",
              "OptionLabel":"Application Max Start Duration (Seconds)",
              "ChangeSeverity":"NoInterruption",

```

```

    "ReadOnlyOption":false,
    "MaxLength":-1,
    "ValueOptions": "",
    "HiddenOption":true,
    "MinLength":0,
    "OptionDescription":"If the health check status is still incorrect during this time after the application is
started, the application is considered to have failed to start."
  }
]
},
"PathLabel":"General",
"PathName":"application.option"
},
{
  "HiddenPath":false,
  "ConfigOptions":{
    "ConfigOption":[
      {
        "MinValue":-1,
        "ValueType":"String",
        "RegexPattern": "",
        "EditorType":{"component\\":"Select\\","props\\":{}},
        "DefaultValue":"http",
        "RegexDesc": "",
        "MaxValue":-1,
        "PathName":"application.healthCheck",
        "OptionName":"type",
        "OptionLabel":"Health Check Type",
        "ChangeSeverity":"NoInterruption",
        "ReadOnlyOption":false,
        "MaxLength":16,
        "ValueOptions":["{\\\"value\\\": \\\"http\\\", \\\"label\\\": \\\"HTTP\\\"},{\\\"value\\\": \\\"tcp\\\", \\\"label\\\": \\\"TCP\\\"}"],
        "HiddenOption":false,
        "MinLength":0,
        "OptionDescription":"The type of protocol used by the health check, currently supporting TCP and HT
T P, Web+ will periodically send health check requests to the application's service port to determine if the app
lication is healthy."
      },
      {
        "MinValue":-1,
        "ValueType":"String",
        "RegexPattern": "",
        "EditorType":{"component\\":"Input\\","props\\":{}},
        "DefaultValue":"/",
        "RegexDesc": "",
        "MaxValue":-1,
        "PathName":"application.healthCheck",
        "OptionName":"path",
        "OptionLabel":"Health Check URL",
        "ChangeSeverity":"NoInterruption",
        "ReadOnlyOption":false,
        "MaxLength":256,
        "ValueOptions": "",
        "HiddenOption":false,

```

```

    "MinLength":0,
    "OptionDescription":"Web+ will request this URL and judge whether the application is healthy according to the response code. If a non-20x/30x response code is received or the response times out, it is determined that the single health check failed."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType": "{\\\"component\\\":\\\"NumberPicker\\\",\\\"props\\\":{}}",
    "DefaultValue": "3",
    "RegexDesc": "",
    "MaxValue":30,
    "PathName": "application.healthCheck",
    "OptionName": "retryCount",
    "OptionLabel": "Health Check Retry Count",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength":0,
    "OptionDescription": "If the health check retry exceeds this number, it is determined that the health check failed."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType": "{\\\"component\\\":\\\"NumberPicker\\\",\\\"props\\\":{}}",
    "DefaultValue": "3",
    "RegexDesc": "",
    "MaxValue":60,
    "PathName": "application.healthCheck",
    "OptionName": "intervalSeconds",
    "OptionLabel": "Health Check Interval (Seconds)",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength":0,
    "OptionDescription": "When an inspection fails, the interval to the next health check is long."
  },
  {
    "MinValue":1,
    "ValueType":"Integer",
    "RegexPattern": "",
    "EditorType": "{\\\"component\\\":\\\"NumberPicker\\\",\\\"props\\\":{}}",
    "DefaultValue": "3",
    "RegexDesc": "",
    "MaxValue":60,
    "PathName": "application.healthCheck",
    "OptionName": "timeoutSeconds",
    "OptionLabel": "Health Check Timeout (Seconds)"
  }

```

```

    "OptionLabel": "Health Check Timeout (Seconds)",
    "ChangeSeverity": "NoInterruption",
    "ReadOnlyOption": false,
    "MaxLength": -1,
    "ValueOptions": "",
    "HiddenOption": false,
    "MinLength": 0,
    "OptionDescription": "The timeout period for a single health check."
  }
],
},
"PathLabel": "Health Check",
"PathName": "application.healthCheck"
},
{
  "HiddenPath": true,
  "ConfigOptions": {
    "ConfigOption": [
      {
        "MinValue": -1,
        "ValueType": "String",
        "RegexPattern": "",
        "EditorType": "{\component\": \"Editor\", \"props\": {}}",
        "DefaultValue": "",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "application.commands",
        "OptionName": "start",
        "OptionLabel": "Start Command",
        "ChangeSeverity": "NoInterruption",
        "ReadOnlyOption": false,
        "MaxLength": 1024,
        "ValueOptions": "",
        "HiddenOption": false,
        "MinLength": 0,
        "OptionDescription": "Web+ uses this command to launch an application"
      },
      {
        "MinValue": -1,
        "ValueType": "String",
        "RegexPattern": "",
        "EditorType": "{\component\": \"Editor\", \"props\": {}}",
        "DefaultValue": "",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "application.commands",
        "OptionName": "stop",
        "OptionLabel": "Stop Command",
        "ChangeSeverity": "NoInterruption",
        "ReadOnlyOption": false,
        "MaxLength": 1024,
        "ValueOptions": "",
        "HiddenOption": false,
        "MinLength": 0,
        "OptionDescription": "Web+ uses this command to stop the application"
      }
    ]
  }
}

```

```

    "OptionDescription": "Web+ uses this command to stop the application"
  }
]
},
"PathLabel": "Commands",
"PathName": "application.commands"
},
{
  "HiddenPath": true,
  "ConfigOptions": {
    "ConfigOption": [
      {
        "MinValue": -1,
        "ValueType": "String",
        "RegexPattern": "",
        "EditorType": "{\\"component\\":\\"Editor\\",\\"props\\":{}}",
        "DefaultValue": "",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "hooks",
        "OptionName": "prestart",
        "OptionLabel": "PreStart",
        "ChangeSeverity": "NoInterruption",
        "ReadOnlyOption": false,
        "MaxLength": 1024,
        "ValueOptions": "",
        "HiddenOption": false,
        "MinLength": 0,
        "OptionDescription": "Web+ will call this command before the app starts"
      },
      {
        "MinValue": -1,
        "ValueType": "String",
        "RegexPattern": "",
        "EditorType": "{\\"component\\":\\"Editor\\",\\"props\\":{}}",
        "DefaultValue": "",
        "RegexDesc": "",
        "MaxValue": -1,
        "PathName": "hooks",
        "OptionName": "poststart",
        "OptionLabel": "PostStart",
        "ChangeSeverity": "NoInterruption",
        "ReadOnlyOption": false,
        "MaxLength": 1024,
        "ValueOptions": "",
        "HiddenOption": false,
        "MinLength": 0,
        "OptionDescription": "Web+ will call this command after the app launches"
      },
      {
        "MinValue": -1,
        "ValueType": "String",
        "RegexPattern": "",
        "EditorType": "{\\"component\\":\\"Editor\\",\\"props\\":{}}",
        "DefaultValue": "",

```

```

"RegexDesc": "",
"MaxValue": -1,
"PathName": "hooks",
"OptionName": "prestop",
"OptionLabel": "PreStop",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Web+ will call this command before the application stops"
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"Editor\",\"props\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "hooks",
"OptionName": "poststop",
"OptionLabel": "PostStop",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Web+ will call this command after the app has stopped"
},
{
"MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{\"component\":\"Editor\",\"props\":{}}",
"DefaultValue": "",
"RegexDesc": "",
"MaxValue": -1,
"PathName": "hooks",
"OptionName": "postinit",
"OptionLabel": "Postinit",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 1024,
"ValueOptions": "",
"HiddenOption": false,
"MinLength": 0,
"OptionDescription": "Web+ will call this command when the application is initialized"
}
]
},
"PathLabel": "Hooks",

```

```
"PathName":"hooks"
},
{
  "HiddenPath":false,
  "ConfigOptions":{
    "ConfigOption":[
      {
        "MinValue":-1,
        "ValueType":"JSON",
        "RegexPattern": "",
        "EditorType":{"component\\":"KVListEditor\\","props\\":{}}},
        "DefaultValue":"[]",
        "RegexDesc": "",
        "MaxValue":-1,
        "PathName":"application.environmentVariables",
        "OptionName":"value",
        "OptionLabel":"Environmental Variables",
        "ChangeSeverity":"NoInterruption",
        "ReadOnlyOption":false,
        "MaxLength":16384,
        "ValueOptions": "",
        "HiddenOption":false,
        "MinLength":0,
        "OptionDescription":"The environment variable used to launch the app."
      }
    ]
  },
  "PathLabel":"Startup options",
  "PathName":"application.environmentVariables"
},
{
  "HiddenPath":false,
  "ConfigOptions":{
    "ConfigOption":[
      {
        "MinValue":-1,
        "ValueType":"String",
        "RegexPattern": "",
        "EditorType":{"component\\":"TextArea\\","props\\":{}}},
        "DefaultValue": "",
        "RegexDesc": "",
        "MaxValue":-1,
        "PathName":"application.jvmOpts",
        "OptionName":"value",
        "OptionLabel":"JVM Options",
        "ChangeSeverity":"NoInterruption",
        "ReadOnlyOption":false,
        "MaxLength":16384,
        "ValueOptions": "",
        "HiddenOption":false,
        "MinLength":0,
        "OptionDescription":"Set the Java virtual machine parameters used to launch the application."
      }
    ]
  }
}
```

```

},
"PathLabel":"JVM",
"PathName":"application.jvmOpts"
},
{
"HiddenPath":true,
"ConfigOptions":{
"ConfigOption":[
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"","",
"EditorType":{"component\\":"FileUploader\\","props\\":{}}",
"DefaultValue":"","",
"RegexDesc":"","",
"MaxValue":-1,
"PathName":"application.tomcatServerXml",
"OptionName":"serverConfig",
"OptionLabel":"Tomcat Configuration File",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":256,
"ValueOptions":"","",
"HiddenOption":false,
"MinLength":0,
"OptionDescription":"Use this file to replace Tomcat's server.xml configuration"
}
]
},
"PathLabel":"Tomcat Configuration",
"PathName":"application.tomcatServerXml"
},
{
"HiddenPath":true,
"ConfigOptions":{
"ConfigOption":[
{
"MinValue":-1,
"ValueType":"String",
"RegexPattern":"^[A-Za-z0-9_\\-\\.]{1,64}$",
"EditorType":{"component\\":"Input\\","props\\":{}}",
"DefaultValue":"","",
"RegexDesc":"","",
"MaxValue":-1,
"PathName":"application.package",
"OptionName":"label",
"OptionLabel":"Package Label",
"ChangeSeverity":"NoInterruption",
"ReadOnlyOption":false,
"MaxLength":64,
"ValueOptions":"","",
"HiddenOption":true,
"MinLength":0,
"OptionDescription":"Web+ will use this version of the deployment package to deploy ECS instances."
}
]
},

```



```
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": {"component": "Input", "props": {}},
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "application.package",
  "OptionName": "storageKey",
  "OptionLabel": "Package File Name",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 256,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Web+ will deploy this file to the ECS instance."
},
{
  "MinValue":-1,
  "ValueType":"String",
  "RegexPattern": "",
  "EditorType": {"component": "Input", "props": {}},
  "DefaultValue": "",
  "RegexDesc": "",
  "MaxValue":-1,
  "PathName": "application.package",
  "OptionName": "url",
  "OptionLabel": "Package URL",
  "ChangeSeverity": "NoInterruption",
  "ReadOnlyOption": false,
  "MaxLength": 1024,
  "ValueOptions": "",
  "HiddenOption": true,
  "MinLength": 0,
  "OptionDescription": "Configure the URL of package."
}
]
},
"PathLabel": "webx.configindex.path.application.application-package.msg",
"PathName": "application.package"
}
]
}
}
]
}
}
```

错误码

访问[错误中心](#)查看更多错误码。

13.4. ValidateConfigSetting

调用ValidateConfigSetting来验证一个配置的设置有效性。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

POST /pop/v1/wam/config/configSetting/validate HTTP/1.1

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------------|--------|------|---|--|
| EnvId | String | 否 | we-5d3eaaea2977ca5251e***** | 环境ID |
| OptionSettings | String | 否 | [[{"path": "resources.ecs.autoScaling", "name": "instanceNum", "value": "10"}, {"path": "application.option", "name": "port", "value": "100"}]] | 自定义配置项数据，JSON数组，包含以下字段： <ul style="list-style-type: none"> path：配置项路径 name：配置项名称 value：配置值 |
| StackId | String | 否 | ws-6c937c98a9c0296d0c48***** | 栈ID |
| TemplateId | String | 否 | wct-5d3e9d2a2977ca5251e***** | 配置模板ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-------------------------|--------|-----|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| ConfigValidationResults | | | 配置有效性验证结果 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|--|---------|
| ConfigOption | | | 配置可选项 |
| ChangeSeverity | String | NoInterruption | 变更重要性 |
| DefaultValue | String | 8080 | 默认值 |
| EditorType | String | <code>{"component\":\"NumberPicker\",\"props\":{\"}}</code> | 编辑类型 |
| HiddenOption | Boolean | false | 是否为隐藏选项 |
| MaxLength | Integer | -1 | 最大长度 |
| MaxValue | Long | 65535 | 最大值 |
| MinLength | Integer | 0 | 最小长度 |
| MinValue | Long | 1024 | 最小值 |
| OptionDescription | String | This port will be used as the HTTP service port after the application is launched, and ports from 1024 to 65535 can be used. | 可选项描述信息 |
| OptionLabel | String | Server Port | 可选项标签 |
| OptionName | String | port | 可选项名称 |
| PathName | String | application.option | 路径名称 |
| ReadOnlyOption | Boolean | false | 是否为只读选项 |
| RegexDesc | String | "" | 正则匹配描述 |
| RegexPattern | String | "" | 正则匹配模式 |

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|--|--------------------|
| ValueOptions | String | "" | 值可选项 |
| ValueType | String | Integer | 值类型 |
| OptionName | String | port | 选项名称 |
| PathName | String | application.option | 路径名称 |
| ResultMessage | String | Parsing configuration values fails. Please make sure the value is consistent with the declared type. Currently supported types are: String, Integer, List, Boolean, Float, Json. | 结果信息 |
| ResultSeverity | String | Error | 结果重要性 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 170E6BDE-8ACA-4013-B1D6-FOC2AAD***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/config/configSetting/validate<公共请求头>
{
  "EnvId":"we-5d3eaaea2977ca5251e*****",
  "TemplateId":"wct-5d3e9d2a2977ca5251e*****",
  "StackId":"ws-6c937c98a9c0296d0c48*****",
  "OptionSettings":[{"path":"resources.ecs.autoScaling", "name":"instanceNum", "value":"10"}, {"path":"application.option", "name":"port", "value":"100"}]
}
```

正常返回示例

XML 格式

```
<ValidateConfigSettingResponse>
  <ConfigValidationResults>
    <ConfigValidationResult>
      <ResultSeverity>Error</ResultSeverity>
      <ConfigOption>
        <MinValue>1024</MinValue>
        <ValueType>Integer</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"NumberPicker","props":{}}</EditorType>
        <DefaultValue>8080</DefaultValue>
        <MaxValue>65535</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>application.option</PathName>
        <OptionName>port</OptionName>
        <OptionLabel>Server Port</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        <ReadOnlyOption>false</ReadOnlyOption>
        <MaxLength>-1</MaxLength>
        <ValueOptions></ValueOptions>
        <HiddenOption>false</HiddenOption>
        <MinLength>0</MinLength>
        <OptionDescription>This port will be used as the HTTP service port after the application is launched,
and ports from 1024 to 65535 can be used.</OptionDescription>
      </ConfigOption>
      <ResultMessage>Parsing configuration values fails. Please make sure the value is consistent with the d
eclared type. Currently supported types are: String, Integer, List, Boolean, Float, Json.</ResultMessage>
      <PathName>application.option</PathName>
      <OptionName>port</OptionName>
    </ConfigValidationResult>
  </ConfigValidationResults>
  <Message>success</Message>
  <RequestId>6112EBD9-E35E-4D98-91D5-5E302F7*****</RequestId>
  <Code>OK</Code>
</ValidateConfigSettingResponse>
```

JSON 格式

```
{
  "ConfigValidationResults":{
    "ConfigValidationResult":[
      {
        "ResultSeverity":"Error",
        "ConfigOption":{
          "MinValue":1024,
          "ValueType":"Integer",
          "RegexPattern": "",
          "EditorType": "{\"component\":\"NumberPicker\",\"props\":{}}",
          "DefaultValue":"8080",
          "RegexDesc": "",
          "MaxValue":65535,
          "PathName":"application.option",
          "OptionName":"port",
          "OptionLabel":"Server Port",
          "ChangeSeverity":"NoInterruption",
          "ReadOnlyOption":false,
          "MaxLength":-1,
          "ValueOptions": "",
          "HiddenOption":false,
          "MinLength":0,
          "OptionDescription":"This port will be used as the HTTP service port after the application is launched, and ports from 1024 to 65535 can be used."
        },
        "ResultMessage":"Parsing configuration values fails. Please make sure the value is consistent with the declared type. Currently supported types are: String, Integer, List, Boolean, Float, Json.",
        "PathName":"application.option",
        "OptionName":"port"
      }
    ]
  },
  "Message":"success",
  "RequestId":"170E6BDE-8ACA-4013-B1D6-F0C2AAD*****",
  "Code":"OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

14.变更

14.1. AbortChange

使用AbortChange可以中止一次变更。

- 当此API调用后，Web+会等待正在进行的变更步骤执行完毕后再停止变更。
- 当环境有变更正在被终止时，不可重复调用此接口。
- 变更在中止后不可恢复执行。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/change/abort HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|-------------|
| ChangeId | String | 是 | wc-5d3a963d5802611c4ddc**** | 变更ID，将中止此变更 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|-----------------------------|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 被中止的变更信息 |
| ChangeId | String | wc-5cdbd6d884b53b4bc95***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| StartTime | String | 1557911256210 | 该变更的开始执行时间戳 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 14A65FB3-DFD6-4D9A-83EA-9259C2D3**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com<公共请求参数>
{
  "ChangeId":"wc-5cda75398047880ad2c8****"
}
```

正常返回示例

XML 格式

```
<AbortChangeResponse>
  <Message>success</Message>
  <EnvChange>
    <ChangeId>wc-5cdbd79a84b53b4bc958****</ChangeId>
    <EnvId>we-5cdbd64084b53b4bc958****</EnvId>
    <StartTime>1557911450434</StartTime>
  </EnvChange>
  <RequestId>BED39BFD-3CBF-42F0-9711-C91E32BF****</RequestId>
  <Code>OK</Code>
</AbortChangeResponse>
```

JSON 格式

```
{
  "Message":"success",
  "RequestId":"3A6ECBAB-4A14-4412-AFE7-6B75D55A****",
  "EnvChange":{
    "EnvId":"we-5cdbd64084b53b4bc958****",
    "ChangeId":"wc-5cdbd6d884b53b4bc958****",
    "StartTime":1557911256210
  },
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|-----|------|----|
|----------|-----|------|----|

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 500 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | ChangeOnAborting | The change is being canceled. Please do not cancel again. | 变更正在被中止，请勿重复操作。 |
| 400 | ChangeFinished | An error occurred while stopping the change. The change is already complete. | 放弃变更失败，因为此次变更已经完成。 |

访问[错误中心](#)查看更多错误码。

14.2. DeleteChange

调用DeleteChange删除一个变更。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
DELETE /pop/v1/wam/change HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|-------------|
| ChangeId | String | 是 | wc-5d3a963d5802611c4dd***** | 变更ID，将删除此变更 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|---------|--------|---------|--------------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|------|
| RequestId | String | 671FBCF3-D384-4DC4-B6F4-028C28E***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/change?ServiceCode=webx&Id=wc-5d245f94f314934e2ab1*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DeleteChangeResponse>
  <Message>success</Message>
  <RequestId>671FBCF3-D384-4DC4-B6F4-028C28E*****</RequestId>
  <Code>OK</Code>
</DeleteChangeResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "671FBCF3-D384-4DC4-B6F4-028C28E*****",
  "Code": "OK"
}
```

错误码


| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|---|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 400 | OSSDisabled | You have not activated the OSS service and cannot use the WebPlus service. Please go to the OSS console (https://oss.console.aliyun.com) to activate OSS and try again. | 您没有开通 OSS 服务，不能使用 WebPlus 服务，请前往 OSS 控制台 (https://oss.console.aliyun.com) 开通后重试。 |

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|------------------|--|--|
| 400 | OSSApiCallFailed | When initializing applications, updating configurations, or destroying applications, WebPlus attempts to communicate with OSS through API communication. An OSS service throw error occurred. The bucket or the file does not exist. | 在初始化应用、更新配置、以及销毁应用时，WebPlus 尝试与 OSS 进行 API 通信出现 OSS 服务抛出的异常，如 bucket 不存在、文件不存在等。 |

访问[错误中心](#)查看更多错误码。

14.3. ResumeChange

调用ResumeChange来恢复一个被暂停的变更操作。

 **说明** 被恢复的变更必须是处于已停止状态。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/change/resume HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|---------------|
| ChangeId | String | 是 | wc-5d3fabad56fd7c14ac9***** | 变更ID，将恢复此变更操作 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|-----|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| EnvChange | | | 环境变更信息 |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| ChangeId | String | wc-5d3fabad56fd7c14ac9***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID |
| StartTime | String | 1564453805573 | 变更开始时间 |
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | F38283EF-B83B-47C0-992D-1DC450DE**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/change/resume<公共请求头>
{
  "ChangeId": "wc-5d3fabad56fd7c14ac9*****"
}
```

正常返回示例

XML 格式

```
<ResumeChangeResponse>
  <Message>success</Message>
  <EnvChange>
    <EnvId>we-5d39b8ba6786bd4b149*****</EnvId>
    <StartTime>1564453805573</StartTime>
    <ChangeId>wc-5d3fabad56fd7c14ac9*****</ChangeId>
  </EnvChange>
  <RequestId>97CEF6FD-0266-4C15-8745-9325E2AB****</RequestId>
  <Code>OK</Code>
</ResumeChangeResponse>
```

JSON 格式


```
{
  "Message": "success",
  "RequestId": "F38283EF-B83B-47C0-992D-1DC450DE****",
  "EnvChange": {
    "EnvId": "we-5d39b8ba6786bd4b149****",
    "ChangeId": "wc-5d3fabad56fd7c14ac9****",
    "StartTime": 1564453805573
  },
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

14.4. PauseChange

调用PauseChange来暂停一个未完成的变更操作。

 **说明** 只能针对处于变更中状态的变更进行暂停变更操作。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
POST /pop/v1/wam/change/pause HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|----------------------------|---------------|
| ChangeId | String | 是 | wc-5d3fabad56fd7c14ac9**** | 变更ID，将暂停此变更操作 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|------|--------|-----|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|---------------------|
| EnvChange | | | 环境变更信息 |
| ChangeId | String | wc-5d3fabad56fd7c14ac9***** | 变更ID |
| EnvId | String | we-5d39b8ba6786bd4b149***** | 环境ID, 变更操作所对应的环境 |
| StartTime | String | 1564453805573 | 变更开始时间 |
| Message | String | success | 响应消息, 若成功请求为success |
| RequestId | String | BF62BC0A-6672-41A2-8EE5-D5034AB***** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/change/pause<公共请求头>
{
  "ChangeId": "wc-5d3fabad56fd7c14ac9*****"
}
```

正常返回示例

XML 格式

```
<PauseChangeResponse>
  <Message>success</Message>
  <EnvChange>
    <EnvId>we-5d39b8ba6786bd4b149*****</EnvId>
    <StartTime>1564120637891</StartTime>
    <ChangeId>wc-5d3fabad56fd7c14ac9*****</ChangeId>
  </EnvChange>
  <RequestId>97CEF6FD-0266-4C15-8745-9325E2A*****</RequestId>
  <Code>OK</Code>
</PauseChangeResponse>
```

JSON 格式

```
{
  "Message": "success",
  "RequestId": "BF62BC0A-6672-41A2-8EE5-D5034AB*****",
  "EnvChange": {
    "EnvId": "we-5d39b8ba6786bd4b149*****",
    "ChangeId": "wc-5d3fabad56fd7c14ac9*****",
    "StartTime": 1564453805573
  },
  "Code": "OK"
}
```

错误码

访问[错误中心](#)查看更多错误码。

14.5. DescribeChange

调用DescribeChanges查询给定环境内所有变更信息或给定变更ID的变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/changeInfo HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|----------|--------|------|-----------------------------|--------------------|
| EnvId | String | 是 | we-5d245f7f1f773f090a0d**** | 环境ID，将查询此环境内所有变更信息 |
| ChangeId | String | 否 | wc-5d245f94f314934e2ab1**** | 变更ID，将查询此变更ID |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|--------|----|-----|------|
| Change | | | 变更信息 |

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|---------------------------------------|---------------|
| ActionName | String | Apply | 变更操作名称 |
| ChangeAborted | Boolean | false | 变更是否被中止 |
| ChangeDescription | String | apply env we-5d39b8ba6786bd4b149***** | 变更描述 |
| ChangeFinished | Boolean | true | 变更是否完成 |
| ChangeId | String | wc-5d3a963d5802611c4dd***** | 变更ID |
| ChangeMessage | String | changeMessage | 变更消息 |
| ChangeName | String | apply.env | 变更名称 |
| ChangePaused | Boolean | false | 变更是否被暂停 |
| ChangeSucceed | Boolean | true | 变更是否成功 |
| ChangeTimeout | Boolean | false | 变更是否超时 |
| CreateTime | Long | 1562664852417 | 变更创建时间 |
| CreateUsername | String | user1 | 变更创建者 |
| EnvId | String | we-5d245f7f1f773f090a0***** | 变更所属环境ID |
| FinishTime | Long | 1562664854330 | 变更完成时间 |
| UpdateTime | Long | 1562664854381 | 变更最后更新时间 |
| Code | String | OK | 响应代码，若成功请求为OK |

| 名称 | 类型 | 示例值 | 描述 |
|-----------|--------|--------------------------------------|--------------------|
| Message | String | success | 响应消息，若成功请求为success |
| RequestId | String | 91AF2647-8A0B-47FE-8AD4-AE49AA79**** | 请求ID |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/changeInfo?ChangeId=wc-5d245f94f314934e2ab1**&&ServiceCode=webx&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeChangeResponse>
  <Message>success</Message>
  <Change>
    <ChangeName>apply.env</ChangeName>
    <ActionName>Apply</ActionName>
    <ChangeAborted>>false</ChangeAborted>
    <ChangeTimedout>>false</ChangeTimedout>
    <UpdateTime>1564120665714</UpdateTime>
    <ChangeDescription>apply env we-5d39b8ba6786bd4b1495****</ChangeDescription>
    <EnvId>we-5d39b8ba6786bd4b1495****</EnvId>
    <ChangeSucceed>>true</ChangeSucceed>
    <FinishTime>1564120665679</FinishTime>
    <CreateUsername>user1</CreateUsername>
    <CreateTime>1564120637891</CreateTime>
    <ChangeId>wc-5d3a963d5802611c4ddc****</ChangeId>
    <ChangeFinished>>true</ChangeFinished>
    <ChangeMessage></ChangeMessage>
    <ChangePaused>>false</ChangePaused>
  </Change>
  <RequestId>97CEF6FD-0266-4C15-8745-9325E2AB****</RequestId>
  <Code>OK</Code>
</DescribeChangeResponse>
```

JSON 格式

```
{
  "Change":{
    "ChangeName":"apply.env",
    "ActionName":"Apply",
    "ChangeAborted":false,
    "ChangeTimedout":false,
    "UpdateTime":1564120665714,
    "ChangeDescription":"apply env we-5d39b8ba6786bd4b1495****",
    "EnvId":"we-5d39b8ba6786bd4b1495****",
    "ChangeSucceed":true,
    "FinishTime":1564120665679,
    "CreateUsername":"user1",
    "CreateTime":1564120637891,
    "ChangeId":"wc-5d3a963d5802611c4ddc****",
    "ChangeFinished":true,
    "ChangeMessage": "",
    "ChangePaused":false
  },
  "Message":"success",
  "RequestId":"150EA851-8DD9-4530-A3DF-5940B738****",
  "Code":"OK"
}
```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |
| 404 | ChangeNotExists | The change record could not be found based on the change ID specified, please double confirm the resource is still exists. | 无法根据所指定的变更 ID 找到变更记录，该记录可能被删除或传入的参数有误。 |

访问[错误中心](#)查看更多错误码。

14.6. DescribeChanges

调用DescribeChanges查询所有变更信息或给定环境内所有变更信息。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

GET /pop/v1/wam/change HTTP/1.1

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|------------|---------|------|-----------------------------|--------------------|
| EnvId | String | 是 | we-5d245f7f1f773f090a0d**** | 环境ID，将查询此环境内所有变更信息 |
| ActionName | String | 否 | Termination | 要查询的变更类型 |
| PageNumber | Integer | 否 | 1 | 查询页面数量 |
| PageSize | Integer | 否 | 10 | 查询页面内结果数量 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|-------------------|---------|--------------------------------------|---------|
| Changes | | | 变更信息列表 |
| ActionName | String | Apply | 变更操作名称 |
| ChangeAborted | Boolean | false | 变更是否被中止 |
| ChangeDescription | String | apply env we-5d39b8ba6786bd4b149**** | 变更描述 |
| ChangeFinished | Boolean | true | 变更是否完成 |
| ChangeId | String | wc-5d3a963d5802611c4dd**** | 变更ID |
| ChangeMessage | String | changeMessage | 变更消息 |
| ChangeName | String | apply.env | 变更名称 |
| ChangePaused | Boolean | false | 变更是否被暂停 |

| 名称 | 类型 | 示例值 | 描述 |
|----------------|---------|--------------------------------------|--------------------|
| ChangeSucceed | Boolean | true | 变更是否成功 |
| ChangeTimedout | Boolean | false | 变更是否超时 |
| CreateTime | Long | 1562664852417 | 变更创建时间 |
| CreateUsername | String | user1 | 变更创建者 |
| EnvId | String | we-5d245f7f1f773f09a0**** | 变更所属环境ID |
| FinishTime | Long | 1562664854330 | 变更完成时间 |
| UpdateTime | Long | 1562664854381 | 变更最后更新时间 |
| Code | String | OK | 响应代码，若成功请求为OK |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 1 | 查询页面数量 |
| PageSize | Integer | 10 | 单个查询页面内结果数量 |
| RequestId | String | 91AF2647-8A0B-47FE-8AD4-AE49AA79**** | 请求ID |
| TotalCount | Integer | 4046 | 查询结果总数 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/change?PageSize=1&EnvId=we-5d39b8ba6786bd4b1495****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeChangesResponse>
  <PageNumber>1</PageNumber>
  <Changes>
    <Change>
      <ChangeName>apply.env</ChangeName>
      <ActionName>Apply</ActionName>
      <ChangeAborted>>false</ChangeAborted>
      <ChangeTimedout>>false</ChangeTimedout>
      <UpdateTime>1564120665714</UpdateTime>
      <ChangeDescription>apply env we-5d39b8ba6786bd4b1495****</ChangeDescription>
      <EnvId>we-5d39b8ba6786bd4b1495****</EnvId>
      <ChangeSucceed>>true</ChangeSucceed>
      <FinishTime>1564120665679</FinishTime>
      <CreateUsername>user1</CreateUsername>
      <CreateTime>1564120637891</CreateTime>
      <ChangeId>wc-5d3a963d5802611c4ddc****</ChangeId>
      <ChangeMessage></ChangeMessage>
      <ChangeFinished>>true</ChangeFinished>
      <ChangePaused>>false</ChangePaused>
    </Change>
  </Changes>
  <TotalCount>12</TotalCount>
  <Message>success</Message>
  <PageSize>1</PageSize>
  <RequestId>676F2994-039A-46B5-A30A-CABB7FE0****</RequestId>
  <Code>OK</Code>
</DescribeChangesResponse>
```

JSON 格式

```

{
  "PageNumber":1,
  "Changes":{
    "Change":[
      {
        "ChangeName":"apply.env",
        "ActionName":"Apply",
        "ChangeAborted":false,
        "ChangeTimedout":false,
        "UpdateTime":1564120665714,
        "ChangeDescription":"apply env we-5d39b8ba6786bd4b1495****",
        "EnvId":"we-5d39b8ba6786bd4b1495****",
        "ChangeSucceed":true,
        "FinishTime":1564120665679,
        "CreateUsername":"user1",
        "CreateTime":1564120637891,
        "ChangeId":"wc-5d3a963d5802611c4ddc****",
        "ChangeMessage":"",
        "ChangeFinished":true,
        "ChangePaused":false
      }
    ]
  },
  "TotalCount":12,
  "Message":"success",
  "PageSize":1,
  "RequestId":"6C25A79D-D46F-4079-B522-7D7CBA46****",
  "Code":"OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。

15.事件

15.1. DescribeEvents

调用DescribeEvents查询事件。

调试

您可以在OpenAPI Explorer中直接运行该接口，免去您计算签名的困扰。运行成功后，OpenAPI Explorer可以自动生成SDK代码示例。

请求头

该接口使用公共请求头，无特殊请求头。请参见公共请求参数文档。

请求语法

```
GET /pop/v1/wam/event HTTP/1.1
```

请求参数

| 名称 | 类型 | 是否必选 | 示例值 | 描述 |
|--------------------|---------|------|---------------------------------|-----------------|
| EnvId | String | 是 | we-5d1dac8e08350d1dd94***** | 环境ID，将查询此环境上的事件 |
| ChangeId | String | 否 | wc-d2eeaaa1405481bdd8cb92c***** | 变更ID |
| EndTime | Long | 否 | 1562225909800 | 查询事件的结束时间戳 |
| LastChangeEvents | Boolean | 否 | true | 最近更新事件 |
| PageNumber | Integer | 否 | 10 | 查询页面数量 |
| PageSize | Integer | 否 | 1 | 查询页面大小 |
| ReverseByTimestamp | Boolean | 否 | true | 返回列表是否按时间戳倒序排序 |
| StartTime | Long | 否 | 1562225800000 | 查询事件的开始时间戳 |

返回数据

| 名称 | 类型 | 示例值 | 描述 |
|----------------|--------|---|---------------|
| Code | String | OK | 响应代码，若成功请求为OK |
| Events | | | 事件列表 |
| AppId | String | wa-5d1d9d8c85c7f86e2ef***** | 应用ID |
| EnvId | String | we-5d1dac8e08350d1dd94***** | 环境ID |
| EventName | String | envName | 事件名称 |
| EventId | String | we-5d39b8ba6786bd4b149***** | 事件ID |
| EventLevel | String | INFO | 事件等级 |
| EventMessage | String | Change wc-5d39b8bc6786bd4b149***** finish successfully, taking 108 seconds< | 事件消息 |
| EventTimestamp | Long | 1564064041112 | 事件时间戳 |
| MsgCode | String | webx.wam.change.vpc.create.success | 消息代码 |
| MsgParams | | we-5d1dac8e08350d1dd94***** | 消息参数 |
| ObjectAttrs | | | 对象属性列表 |
| AttributeName | String | "" | 属性名称 |
| AttributeValue | String | "" | 属性值 |
| ObjectId | String | vpc-wz9e6y22o3o91nuy***** | 对象ID |

| 名称 | 类型 | 示例值 | 描述 |
|-----------------|---------|--------------------------------------|--------------------|
| ObjectName | String | we*****-default-vpc | 对象名称 |
| ObjectType | String | vpc | 对象类型 |
| PrimaryUserId | String | 1036052989950239 | 主要用户ID |
| PrimaryUserName | String | "" | 主用户名 |
| SecondUserId | String | "" | 次用户ID |
| SecondUserName | String | "" | 次用户名 |
| TraceId | String | wc-5d1dac8f08350d1dd94***** | 事件跟踪ID |
| Message | String | success | 响应消息，若成功请求为success |
| PageNumber | Integer | 1 | 查询页面数量 |
| PageSize | Integer | 10 | 查询页面大小 |
| RequestId | String | F975CCFF-CA3D-41C2-8004-362D232***** | 请求ID |
| TotalCount | Integer | 1 | 查询结果总数 |

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/event?ServiceCode=webx&PageSize=1&PageNumber=10&EnvId=we-5d1dac8e08350d1dd94*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeEventsResponse>
  <PageNumber>10</PageNumber>
  <TotalCount>56</TotalCount>
  <Message>success</Message>
  <PageSize>1</PageSize>
  <RequestId>706D234F-37E4-4105-B226-92CA15D*****</RequestId>
  <Events>
    <Event>
      <AppId>wa-5d1af9c802470221ab7*****</AppId>
      <EventId>f0229b5a-79d2-4412-b039-f07fc96*****</EventId>
      <MsgCode>webx.wam.change.apply.success</MsgCode>
      <ObjectAttrs></ObjectAttrs>
      <EventLevel>INFO</EventLevel>
      <ObjectType>change</ObjectType>
      <EventMessage>Change wc-5d39b8bc6786bd4b149***** finish successfully, taking 108 seconds</Event
Message>
      <EnvId>we-5d39b8ba6786bd4b149*****</EnvId>
      <EventTimestamp>1564064041112</EventTimestamp>
      <PrimaryUserId>10360529899*****</PrimaryUserId>
      <MsgParams>
        <MsgParam>wc-5d39b8bc6786bd4b149*****</MsgParam>
        <MsgParam>108</MsgParam>
      </MsgParams>
      <TraceId>wc-5d39b8bc6786bd4b149*****</TraceId>
      <ObjectName></ObjectName>
      <ObjectId>wc-5d39b8bc6786bd4b149*****</ObjectId>
    </Event>
  </Events>
  <Code>OK</Code>
</DescribeEventsResponse>
```

JSON 格式

```

{
  "PageNumber":10,
  "TotalCount":56,
  "Message":"success",
  "PageSize":1,
  "RequestId":"232F3429-F58D-4A7A-9309-17C7F41*****",
  "Events":{
    "Event":[
      {
        "AppId":"wa-5d1af9c802470221ab7*****",
        "EventId":"f0229b5a-79d2-4412-b039-f07fc96*****",
        "MsgCode":"webx.wam.change.apply.success",
        "ObjectAttrs":{
          "ObjectAttr":[]
        },
        "EventLevel":"INFO",
        "ObjectType":"change",
        "EnvId":"we-5d39b8ba6786bd4b149*****",
        "EventMessage":"Change wc-5d39b8bc6786bd4b149***** finish successfully, taking 108 seconds",
        "EventTimestamp":1564064041112,
        "PrimaryUserId":"10360529899*****",
        "MsgParams":{
          "MsgParam":[
            "wc-5d39b8bc6786bd4b149*****",
            "108"
          ]
        },
        "TraceId":"wc-5d39b8bc6786bd4b149*****",
        "ObjectName":"","",
        "ObjectId":"wc-5d39b8bc6786bd4b149*****"
      }
    ]
  },
  "Code":"OK"
}

```

错误码

| HttpCode | 错误码 | 错误信息 | 描述 |
|----------|--------------------|--|--------------------|
| 403 | ResourceAuthFailed | The specified resource does not exist or it does not belong to this Alibaba Cloud account. | 相关资源不存在或不属于此阿里云账号。 |

访问[错误中心](#)查看更多错误码。