

阿里云 Web应用托管服务

API参考

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格式	说明	样例
	该类警示信息将导致系统重大变更甚至故障，或者导致人身伤害等结果。	禁止： 重置操作将丢失用户配置数据。
	该类警示信息可能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，恢复业务所需时间约10分钟。
	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。	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。	单击 确定。
courier 字体	命令。	执行 cd /d C:/windows 命令，进入Windows系统文件夹。
##	表示参数、变量。	bae log list --instanceid <i>Instance_ID</i>
[]或者[a b]]	表示可选项，至多选择一个。	ipconfig [-all] [-t]
{}或者{a b} }	表示必选项，至多选择一个。	switch {stand slave}

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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。

API	描述
DescribeConfigIndex	调用DescribeConfigIndex查询配置索引。
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接口的调用是向容器服务的服务端地址发送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.cn-hangzhou.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示符，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:Singature
```

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. 构建待签名字串。

待签名字串（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: ChDfdfwC+Tn874znq7Dw7Q==
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Date: Thu, 22 Feb 2018 07:46:12 GMT
x-ac-s-signature-nonce: 550e8400-e29b-41d4-a716-446655440000
x-ac-s-signature-method: HMAC-SHA1
x-ac-s-signature-version: 1.0
x-ac-s-version: 2016-01-02
```

示例：规范请求

```
POST
application/json
ChDfdfwC+Tn874znq7Dw7Q==
application/x-www-form-urlencoded; charset=utf-8
Thu, 22 Feb 2018 07:46:12 GMT
x-ac-s-signature-nonce: 550e8400-e29b-41d4-a716-446655440000
x-ac-s-signature-method: HMAC-SHA1
x-ac-s-signature-version: 1.0
x-ac-s-version: 2016-01-02
/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。
- 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: ChDfdfwC+Tn874znq7Dw7Q==  
Content-Type: application/x-www-form-urlencoded; charset=utf-8  
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: 2016-01-02GMT
```

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:2016-01-02
```

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	*
RebuildAppEnv	*
GatherAppEnvLog	*

API	资源描述
GatherAppEnvStats	*
DescribeEnvResource	*
DescribeGatherLogResult	*
DescribeGatherStatsResult	*
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	0e30656xxx xxxxxx0bc6 f70bbdfe	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： webplus.cn-hangzhou.aliyuncs.com。
Accept	application/json	是	客户端需要的返回值类型，支持 application/json 和 application/xml。
x-acs-version	1.0	是	API 版本号。目前版本号为 2019-03-20。
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。

参数名称	示例	是否必选	说明
x-acssignature-method	HMAC-SHA1	是	用户签名方式，目前只支持 HMAC-SHA1。

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-acssignature-nonce: f63659d4-10ac-483b-99da-ea8fde61eae3
Authorization: acs <yourAccessKeyId>:<yourSignature>
x-acssignature-version: 1.0
Date: Fri, 16 Aug 2019 11:18:47 GMT
x-acssignature-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	AgentSetupTimeout	An error occurred while installing the WebPlus Agent through Cloud Assistant. The server waited for more than 1 minute and did not receive the heartbeat of the Agent. An error may have occurred while issuing commands through Cloud Assistant.	通过云助手安装 WebPlus Agent 失败，Server 等待超过 1 分钟仍然没有收到 Agent 的心跳，可能通过云助手下发命令失败。
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 终止 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（或模板）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，应用名在不同的 Region 下可重名；请更换名字后重试此操作。
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	AppNotExist	The corresponding app was not found according to the app 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/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	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。
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。
403	AuthenticationFailed	An error occurred while performing RAM authentication. Go to the RAM console (http://ram.console.aliyun.com) to authorize the specified sub account.	RAM 鉴权失败，您需要去 RAM 控制台(http://ram.console.aliyun.com)对该子账户进行授权。
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

HttpCode	错误码	错误信息	描述
401	AuthMissingUid	The request is invalid. The primary account AliyunUID does not exist.	主账号 aliyunuid 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	CategoryNotExist	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。

HttpCode	错误码	错误信息	描述
400	CommandStringInvalid	The submitted command/script/parameter contains invalid characters. Because this field may appear in the shell script, please make sure the submitted values do not contain characters such as ;, ', and \$, which may cause a resolution failure.	提交的命令/脚本/参数中含有非法字符，由于此字段可能出现在 shell 脚本中，请确保提交的值中没有包含 (; \$) 等会引起解析失败的字符。
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，为防止冲掉已有的配置，先终止此次变更。
404	ConfigIdxNotExist	The configuration index entry does not exist.	配置索引项没有找到。
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。

HttpCode	错误码	错误信息	描述
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、模板ID、环境ID必须存在一项。
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	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 Region 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。

HttpCode	错误码	错误信息	描述
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	DiskCategoryInvalid	The specified disk category is invalid.	非法的磁盘类别(category)
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	EcsLaunchTemplateVersionInvalid	An error occurred while updating the environment configuration. The specified ECS launch template version is invalid . Please check whether it exists.	环境配置更新失败，所指定的ECS的启动版本版本不合法。请确认是否存在。
400	EcsTagInalid	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字段，请确认key/value存在，同时value不能以:aliyun, http, https开头。
400	EmptyResponse	The returned data is empty.	返回数据为空(null)。
400	EnvContainsNoScalingGroup	The current deployment environment is not bound to an ESS scaling group ID . This may cause an error when an 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所容的失败。

HttpCode	错误码	错误信息	描述
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 deployment 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继续。
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。

HttpCode	错误码	错误信息	描述
400	ESSDisabled	You have not activated the Auto Scaling service (ESS). Go to the ESS console (https://ess.console.aliyun.com) to activate the ESS service and then you can start using WebPlus.	您没有开通弹性伸缩服务(ESS), 需要您前往 ESS 控制台(https://ess.console.aliyun.com)进行开通后才能使用 WebPlus 的功能。
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	GatherLogOnTerminateEnvNotAllowed	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.	Instance ID 不存在。
404	InstanceNotExist	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。
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	InstanceUpdateInvalidId	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(Instance 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	WebPlus 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。

HttpCode	错误码	错误信息	描述
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。
500	InternalError	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	InternalError	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。
500	InternalError	When initializing applications, updating configurations, or purging applications, WebPlus attempts to communicate with OSS through API communication, and an unknown error occurred.	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 通信出现未知错误。

HttpCode	错误码	错误信息	描述
500	InternalError	When WebPlus communicates with another Alibaba cloud product, an unknown error has occurred. This error may be caused by permissions or by network. If the problem still exists, please submit a ticket.	WebPlus 与某阿里云产品进行通信时，发生了未知错误，此错误可能由权限、网络等问题引起，如重试之后还出现此错误，请提交工单处理。
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.	已存在重名对象，请更换一个对象名后继续。
400	NotAGather LogAction	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	NotAGather StatsAction	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。

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。
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。有可能被删除，或传入的参数有误。
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	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	Permission Denied	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.
404	RamApiNotFound	The API for initiating RAM authorization does not exist. Please confirm whether the access is initiated by RAM. If this error occurs, it is very likely that WebPlus has a bug.	发起 RAM 授权的 API 不存在，请确认此次访问是否通过 RAM 发起，如出现此错误，极有可能是程序出现了 BUG。
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。

HttpCode	错误码	错误信息	描述
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。
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	ServiceDisabled	Use the following link to activate the WebPlus service first. https://common-buy.aliyun.com/?commodityCode=webx#/open	在使用之前，请先开通 WebPlus 服务，开通链接： https://common-buy.aliyun.com/?commodityCode=webx#/open
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(/)

HttpCode	错误码	错误信息	描述
404	SourceEnvNotExist	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	SourceTemplateNotExist	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	StackNotExist	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	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	TemplateNotExist	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版实例。
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。
401	TenantInvalid	The system did not find a username based on AliyunUID.	根据 Aliyunuid 没有获取到用户名。
401	UserInvalid	The user access is illegal. The user does not find a Token available for launching access on WebPlus. Please check whether WebPlus has been activated or whether STS authorization has been temporarily canceled.	非法的用户访问，此用户在 WebPlus 上没有发现可用于发起访问的 Token，请确认是否已开通 WebPlus 或临时取消了 STS 授权
401	UserTypeInvalid	WebPlus has temporarily disabled the access method of the STS.	WebPlus 暂时关闭了 STS 的访问方式，需要联系运维人员打开此配置。

HttpCode	错误码	错误信息	描述
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 HTTP/1.1
```

请求参数

名称	类型	是否必选	示例值	描述
AppDescription	String	否	This is an application	应用描述信息
AppName	String	否	app1	新建应用的名称
CategoryName	String	否	Java	新建应用的平台类型

返回数据

名称	类型	示例值	描述
Application			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
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

```
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",
}
```

正常返回示例

XML 格式

```
<CreateApplicationResponse>
    <Message>success</Message>
    <Application>
        <AppName>newApplication</AppName>
        <CategoryName>Java</CategoryName>
        <AppDescription>This is an application.</AppDescription>
        <UpdateUsername>yourUsername</UpdateUsername>
        <CreateUsername>yourUsername</CreateUsername>
        <CreateTime>1562333864469</CreateTime>
        <UpdateTime>1562333864469</UpdateTime>
        <AppId>wa-5d243437f314934e2ab*****</AppId>
    </Application>
    <RequestId>BFD4C1BA-897D-4306-A79D-4D20D7E*****</RequestId>
```

```
<Code>OK</Code>
</CreateApplicationResponse>
```

JSON 格式

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

错误码

HttpCode	错误码	错误信息	描述
404	CategoryNotExist	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，应用名在不同的 Region 下可重名；请更换名字后重试此操作。

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 HTTP/1.1
```

请求参数

名称	类型	是否必选	示例值	描述
AppId	String	是	wa-5d1af9c802 470221ab7 *****	应用ID, 将删除此应用

返回数据

名称	类型	示例值	描述
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
RequestId	String	ED18C0F9-D542 -4EE0-A3EE- BD71A6A*****	请求ID

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终止状态才能删除应用，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 HTTP/1.1
```

请求参数

名称	类型	是否必选	示例值	描述
AppId	String	否	wa-5d1af9c802 470221ab7*****	应用ID, 查询特定应用信息
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
PageNumber	Integer	否	1	查询页面数
PageSize	Integer	否	10	查询页面大小
StackSearch	String	否	Java	栈类型搜索

返回数据

名称	类型	示例值	描述
Applications			应用列表
AppDescription	String	This is an application.	应用描述
AppId	String	wa-5d1af9c802 470221ab7*****	应用ID
AppName	String	appName	应用名称
CategoryName	String	Java	应用类型
CreateTime	Long	1562226969419	应用创建时间

名称	类型	示例值	描述
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
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

```
{
  "PageNumber":1,
  "TotalCount":1,
  "Message":"success",
  "PageSize":20,
  "RequestId":"00C3CEDB-9E1B-4872-985E-BB2B7D6*****",
  "Applications":{
    "Application": [
      {
        "CategoryName": "Java",
        "UpdateUsername": "user1",
        "CreateUsername": "user1",
        "CreateTime": 1562048968834,
        "AppId": "wa-5d1af9c802470221ab7*****",
        "UpdateTime": 1562048968834,
        "TotalEnvs": 2,
        "AppDescription": "",
        "AppName": "test",
        "TerminatedEnvs": 0,
        "RunningEnvs": 2
      }
    ],
    "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
AppId	String	是	wa-5d1af9c802 470221ab7*****	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-5d1af9c802 470221ab7*****	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

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	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。
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。

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。

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 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	49C3DE38-ABA2-4369-BED2-CBD1D*****	请求ID

名称	类型	示例值	描述
Storage			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
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

```
<DescribeStorageResponse>
    <Storage>
        <BucketName>webplus-cn-shenzhen-s-5d01f*****812105691</BucketName>
        <CreateTime>1560410804957</CreateTime>
        <UpdateTime>1560410804957</UpdateTime>
    </Storage>
    <Message>success</Message>
    <RequestId>F4558EDF-7AF1-45FF-A65A-454*****1C3E</RequestId>
    <Code>OK</Code>
</DescribeStorageResponse>
```

JSON 格式

```
{
    "Storage": {
        "BucketName": "webplus-cn-shenzhen-s-5d01fab*****2105691",
        "CreateTime": 1560410804957,
        "UpdateTime": 1560410804957
    },
    "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 HTTP/1.1
```

请求参数

返回数据

名称	类型	示例值	描述
Categories			平台类型查询结果
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

名称	类型	示例值	描述
CreateTime	String	1553218065000	平台类型创建时间
DemoProjects			样例项目
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 application 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-demo-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-demo-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-demo-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 application deployment packages.</
CategoryDescription>
        <DemoProjects>
            <DemoProject>
                <SourceUrl>https://github.com/aliyun/alibabacloud-
webplus-java-demo</SourceUrl>
```

```
<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-zhangjiako
u/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-exec.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.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",
    "Code": "OK",
    "Categories": {
        "Category": [
            {
                "CategoryName": "Tomcat",
                "CategoryId": "wca-5c937c98a9c0296d0c4823912",
                "CategoryDescription": "Use Tomcat as an application container,
support for WAR or ZIP type application deployment packages.",
                "DemoProjects": {
                    "DemoProject": [
                        {
                            "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-
tomcat-demo",
                            "RegionId": "cn-shenzhen",
                            "PackageUrl": "oss://webplus-prod-cn-shenzhen/quickstart/tomcat/
first-step/webplus-tomcat-demo-0.1.1.war"
                        },
                        {
                            "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-
tomcat-demo",
                            "RegionId": "cn-zhangjiakou",
                            "PackageUrl": "oss://webplus-prod-cn-zhangjiakou/quickstart/
tomcat/first-step/webplus-tomcat-demo-0.1.1.war"
                        },
                        {
                            "SourceUrl": "https://github.com/aliyun/alibabacloud-webplus-
tomcat-demo",
                            "RegionId": "cn-beijing",
                        }
                    ]
                }
            }
        ]
    }
}
```

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

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

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
Recommende dOnly	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
RequestId	String	E95B3D91-ED61-4715-AAD1-7E496A*****6	请求ID

名称	类型	示例值	描述
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
PageSize	Integer	否	10	查询页面数
PkgVersion Label	String	否	version-demo-tmc-1.4	部署包版本标签
PkgVersion Search	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

名称	类型	示例值	描述
PackageSource	String	resources/ userNamer/ 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
PkgVersionId	String	wp-5d244f33f3 14934e2ab*****	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-SNAPSHOT.war</PackageSource>
            <PkgVersionDescription>This is a package.</PkgVersion
Description>
            <CreateUsername>user1</CreateUsername>
        </PkgVersion>
    </PkgVersions>
</DescribePkgVersionsResponse>
```

```

<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,
        "AppId":"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 HTTP/1.1
```

请求参数

名称	类型	是否必选	示例值	描述
AppId	String	否	wa-5d3eaae929 77ca5251e*****	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
PkgVersion Description	String	否	This is a package.	版本描述信息
PkgVersion Label	String	否	version-demo- tmc-1.5	版本标签

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			部署包版本信息
AppId	String	wa-5d3eaae929 77ca5251e*****	应用ID
AppName	String	app1	应用名称
CreateTime	Long	1564388159130	部署包创建时间

名称	类型	示例值	描述
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
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

```
{
    "PkgVersion": {
        "PkgVersionDescription": "This is a package.",
        "CreateTime": 1564388159130,
        "PkgVersionLabel": "version-demo-tmc-1.5",
        "AppId": "wa-5d3eaae92977ca5251e*****",
        "UpdateTime": 1564388159130,
        "PkgVersionId": "wp-5d3eab3f2977ca5251e*****"
    },
    "Message": "success",
    "RequestId": "257C2FA9-3316-4BCB-9DB7-219A7A0*****",
    "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-6c937c98a9 c0296d0c48 *****	应用ID
DryRun	Boolean	否	false	<p>是否模拟变更</p> <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- 默认为false
EnvDescription	String	否	this is an env	环境描述信息

名称	类型	是否必选	示例值	描述
EnvName	String	否	envTest	环境名称
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
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

名称	类型	示例值	描述
EnvChangeDetail			环境变更信息
ChangeId	String	wc-5d3e716429 77ca5251e*****	变更ID
EnvId	String	we-5d39b8ba67 86bd4b149*****	环境ID
Operations			变更操作列表
Operation			变更操作列表
OperationDescription	String	Bind to VSwitch vsw-wz9gfawx1v xkimtj*****	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-wz9gfawx1v
xkimtj*****</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 specificat
ions: 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&gt;</OperationDescription>
    </Operation>
    <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Setup platform services on ECS
instance(s)</OperationDescription>
    </Operation>
    <Operation>
        <OperationType>create</OperationType>
        <OperationDescription>Create monitor group</OperationD
escription>
    </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-wz9gfawx1vxkимтj
*****"
                }
            ]
        }
    }
}
```

```

},
{
  "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>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。

HttpCode	错误码	错误信息	描述
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。

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。
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。
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 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。
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。

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-5d244085f3 14934e2ab1 5cd7	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
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-5d1af9c902 470221ab7d6db9 "	环境ID
EnvName	String	test1	环境名称

名称	类型	示例值	描述
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
Disconnect edInstances	Integer	0	已断开连接的实例个数
InstanceAp pStatus			实例应用健康状态状态
HealthyIns tances	Integer	0	健康实例应用的个数
StoppedIns tances	Integer	0	停止的实例应用个数
UnhealthyI nstances	Integer	0	不健康的实例应用个数
UnknownIns tances	Integer	0	位置状态的实例应用个数
LastEnvSta tus	String	INITIALIZING	环境的上次状态
LatestChan geId	String	wc-5d3bb06a97 0b3f2e2a87c756"	环境上次变更的变更ID
Message	String	success	响应消息，若成功请求为success
RequestId	String	3CE38930-5A6A -4F7E-A6AD- DBF0EDE5CE6C	请求ID

示例

请求示例

```
http://webplus.cn-hangzhou.aliyuncs.com/pop/v1/wam/appEnv/status?  
ServiceCode=webx&Id=we-5d244085f314934e2ab15cd7&<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>
    <LatestChangeId>wc-5d3bb06a970b3f2e2a87c756</LatestChangeId>
    <LastEnvStatus>INITIALIZING</LastEnvStatus>
    <EnvName>xianbin-test-env</EnvName>
    <EnvId>we-5d1af9c902470221ab7d6db9</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-9310-4F7C6FB6ECC5</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-5d3bb06a970b3f2e2a87c756",
    "EnvName": "xianbin-test-env",
    "EnvId": "we-5d1af9c902470221ab7d6db9",
    "ApplyingChange": false,
    "InstanceAgentStatus": {
      "DisconnectedInstances": 0,
      "ConnectedInstances": 0
    },
    "InstanceAppStatus": {
      "UnhealthyInstances": 0,
      "StoppedInstances": 0,
      "HealthyInstances": 0,
      "UnknownInstances": 0
    }
  },
  "Message": "success",
  "RequestId": "30C31B90-F42F-4A17-9EE8-5CB5D690CB37",
  "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 HTTP/1.1
```

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
EnvName	String	否	Test1	环境名称
EnvSearch	String	否	Test	环境搜索关键字
IncludeTerminated	Boolean	否	true	是否包含已释放的环境
PageNumber	Integer	否	1	查询页数，默认为第1页

名称	类型	是否必选	示例值	描述
PageSize	Integer	否	10	每页查询数据量，默认为10条
RecentUpda ted	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			环境列表
AbortingCh ange	Boolean	false	环境是否正在取消变更
AppId	String	wa-5cef9f96dd 351b61df0*****	环境所属的应用ID
AppName	String	test	应用名称
ApplyingCh ange	Boolean	false	环境是否正在变更
CategoryNa me	String	Java	环境技术栈类型
ChangeBann er	String	Web+正在变更您 的环境	变更提示
CreateTime	Long	1560246554242	环境创建时间
CreateUser name	String	test	创建环境的用户名
DataRoot	String	wproot	数据文件存储根目录
EnvDescrip tion	String	This is an env.	环境描述信息
EnvId	String	we-5d22b3816f 48e5478fd*****	环境ID
EnvName	String	test	环境名称

名称	类型	示例值	描述
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-5d22c046b7 67ab0fc64*****	环境上次变更ID
LogBase	String	logs/yourJava- java/environments/Test2/	日志存储根目录
PkgVersionId	String	wp-5d1c0a5d91 3567334af*****	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
StackId	String	ws-6c937c98a9 c0296d0c48*****	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
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
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>
            <LatestChangeId>wc-5d135e524f2c7336e33*****</LatestChangeId>
            <Type>web</Type>
            <DataRoot>wroot</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>tefsa</EnvName>
            <EnvStatus>TERMINATED</EnvStatus>
            <CategoryName>Java</CategoryName>
            <UpdateUsername>test</UpdateUsername>
            <StorageBase>resources/test/environments/test/</StorageBase>
        </AppEnv>
    </AppEnvs>
</DescribeAppEnvsResponse>
```

```

</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

```

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

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。

11.5 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	<p>是否模拟变更</p> <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 默认为false

名称	类型	是否必选	示例值	描述
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: · path: 配置项路径 · name: 配置项名称 · value: 配置值
PkgVersionId	String	否	wp-5d1c0a5d913567334af*****	部署包版本ID
StackId	String	否	ws-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

名称	类型	示例值	描述
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>
        </Operations>
    </EnvChangeDetail>
</UpdateAppEnvResponse>
```

```

        </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。

HttpCode	错误码	错误信息	描述
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。
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	<p>是否模拟变更</p> <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 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

名称	类型	示例值	描述
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>
        </Operations>
    </EnvChangeDetail>
</TerminateAppEnvResponse>
```

```

<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。

HttpCode	错误码	错误信息	描述
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 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

名称	类型	示例值	描述
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>
    <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>
</StopAppEnvResponse>
```

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	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。

11.8 DescribeAppEnvInstanceStateHealth

调用DescribeAppEnvInstanceStateHealth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-5d244085f3 14934e2ab *****	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-5d3eaaea29 77ca5251e*****	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
DisconnectedImage	String	0	断连时长
InstanceId	String	i-wz95ehd012 9c8vv*****	ECS实例ID
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>
<EnvId>we-5d3eaaea2977ca5251e*****</EnvId>
</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。

11.9 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

名称	类型	示例值	描述
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

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继续。

访问[错误中心](#)查看更多错误码。

11.11 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-wz9hwvnwm5tlv3u*****	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

名称	类型	示例值	描述
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-wz9hwvnwm5tlv3u*****	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-wz9hwvnwm5tlv3u*****&<公共请求参数>
```

正常返回示例

XML 格式

```
<DescribeInstanceHealthResponse>
    <InstanceHealth>
        <DisconnectedTime>0</DisconnectedTime>
        <InstanceId>i-wz9hwvnwm5tlv3u*****</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-wz9hwvnwm5tlv3u*****",
        "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	InstanceNotExist	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。

11.12 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	<p>是否模拟变更</p> <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 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	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

名称	类型	示例值	描述
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-wz9gfawx1v
xkimtj*****</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 specificat
ions: 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>
        </Operations>
    </EnvChangeDetail>
</RebuildAppEnvResponse>
```

```
</Operation>
<Operation>
    <OperationType>create</OperationType>
    <OperationDescription>Create monitor group</OperationD
escription>
</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-lc1*1.****,ecs.***.small,ecs.***.tiny,ecs.***.large (<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。

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。

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-5d1af9c802 470221ab7 *****	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
TargetInst ances	String	否	["i- wz94zz7mx8 kt5kz*****"]	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-5d41015c56 fd7c14ac9*****	变更ID
EnvId	String	we-5d3eaaea29 77ca5251e*****	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
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>
        <ChangeId>wc-5d3a963d5802611c4ddc****</ChangeId>
    </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*****",  
        "ChangeId": "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-5d4103a856 fd7c14ac9*****	变更ID
EnvId	String	we-5d3eaaea29 77ca5251e*****	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>
        <ChangeId>wc-5d3a963d5802611c4ddc****</ChangeId>
    </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*****",
    "ChangeId": "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-5d22f93dcd 04d705b65 *****	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

名称	类型	示例值	描述
SecurityGroup			环境的默认安全组信息
Id	String	sg-5d22f93dc04d705b65*****	安全组ID
EnvId	String	we-5d22f93dc04d705b65*****	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
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

名称	类型	示例值	描述
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-5d22f93dc04d705b65****	RDS实例ID
Imported	Boolean	false	是否为导入实例
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-wz9gfawx1vxkintj*****</Id>
            </VSwitch>
        </VSwitches>
        <MonitorGroup>
            <Id>71*****</Id>
        </MonitorGroup>
        <EnvName>test1</EnvName>
        <EnvId>we-5d22f93dc04d705b65*****</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-wz9gfawx1vxkintj*****"
                }
            ]
        },
        "MonitorGroup": {
            "Id": "71*****"
        },
        "EnvName": "test1",
        "DefaultSecurityGroups": {
            "SecurityGroup": [
                {
                    "Id": "sg-wz9b6zjhne81unz*****"
                }
            ]
        }
    }
}
```

```
        ],
    },
    "EnvId": "we-5d22f93cd04d705b65*****",
    "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
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

名称	类型	示例值	描述
ChangePaused	Boolean	false	变更是否被停止
ChangeSucceeded	Boolean	true	变更是否成功
ChangeTimedout	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-5d3eaaea29 77ca5251e*****	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
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-5d3eaaea29
77ca5251e***** on ["{\\"targetInstances\\":\\"i-wz94zz7mx8kt5kz*****\\
"}"]</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- 5d3eaaea29 77ca5251e ***** on ["{\\"} \\\"targetInst ances\\":\\\"i -wz94zz7mx8 kt5kz*****\\\""}]	变更描述信息
ChangeFinished	Boolean	true	变更是否完成
ChangeId	String	wc-5d4134b956 fd7c14ac9*****	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
ChangeTimeOut	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

名称	类型	示例值	描述
EnvId	String	we-5d3eaaea29 77ca5251e*****	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-wz94zz7mx8kt5kz*****\\"}"]</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	[{"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
PkgVersionId	String	否	wp-5d1daece08350d1dd948****	部署包版本ID

名称	类型	是否必选	示例值	描述
ProfileName	String	否	HighAvailability	初始化配置类型，可选以下值： · 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，指定用于创建模版配置的源环境
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	新建模版的描述
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

名称	类型	示例值	描述
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
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</TemplateDe
scription>
        <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。

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。
400	Duplicated TemplateName	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	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。

HttpCode	错误码	错误信息	描述
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	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.	启动模版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
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
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

名称	类型	示例值	描述
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

名称	类型	示例值	描述
ConfigTemplate			配置模板信息
AppId	String	wa-5d1d9d8c85 c7f86e2ef****	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-6c937c98a9 c0296d0c48****	技术栈ID
StackName	String	Tomcat 8.5 / Java 8 / Aliyun Linux 2.1903	技术栈名称
TemplateId	String	wct-5d1eca8dd5 6beb722b7****	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
404	TemplateNo tExists	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版实例。
403	ResourceAu thFailed	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	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。

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。
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-5d3eaaea29 77ca5251e*****	环境ID
TemplateId	String	否	wct- 5d3e9d2a29 77ca5251e*****	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>
        <ConfigSetting>
            <SettingValue>3</SettingValue>
            <PathName>application.healthCheck</PathName>
            <OptionName>timeoutSeconds</OptionName>
        </ConfigSetting>
    </ConfigSettings>
</DescribeConfigSettingsResponse>
```

```
</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>
    <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>poststop</OptionName>
</ConfigSetting>
```

```
<OptionName>prestop</OptionName>
</ConfigSetting>
<ConfigSetting>
    <SettingValue>tomcat 8 openjdk 8</SettingValue>
    <PathName>platform</PathName>
    <OptionName>buildpack</OptionName>
</ConfigSetting>
<ConfigSetting>
    <SettingValue>Tomcat</SettingValue>
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```

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```

```
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    <OptionName>engineVersion</OptionName>
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    <OptionName>imported</OptionName>
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<ConfigSetting>
    <SettingValue></SettingValue>
```

```
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    <PathName>resources.slb.internet</PathName>
    <OptionName>internetChargeType</OptionName>
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    <PathName>resources.slb.internet</PathName>
    <OptionName>listenerPort</OptionName>
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<ConfigSetting>
```

```
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    <OptionName>listenerPort</OptionName>
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    <OptionName>protocol</OptionName>
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</ConfigSettings>
<Code>OK</Code>
```

```
</DescribeConfigSettingsResponse>
```

JSON 格式

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    "ConfigSettings": {  
        "ConfigSetting": [  
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                "PathName": "application.commands",  
                "OptionName": "start"  
            },  
            {  
                "SettingValue": "",  
                "PathName": "application.commands",  
                "OptionName": "stop"  
            },  
            {  
                "SettingValue": "[]",  
                "PathName": "application.environmentVariables",  
                "OptionName": "value"  
            },  
            {  
                "SettingValue": "3",  
                "PathName": "application.healthCheck",  
                "OptionName": "intervalSeconds"  
            },  
            {  
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                "OptionName": "path"  
            },  
            {  
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                "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"  
            },  
            {  
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                "OptionName": "maxStartDuration"  
            },  
            {  
                "SettingValue": "8080",  
                "PathName": "application.option",  
                "OptionName": "port"  
            }  
        ]  
    }  
}
```

```
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  "OptionName": "label"
},
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  "OptionName": "storageKey"
},
{
  "SettingValue": "",
  "PathName": "application.package",
  "OptionName": "url"
},
{
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  "PathName": "application.tomcatServerXml",
  "OptionName": "serverConfig"
},
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  "OptionName": "postinit"
},
{
  "SettingValue": "",
  "PathName": "hooks",
  "OptionName": "poststart"
},
{
  "SettingValue": "",
  "PathName": "hooks",
  "OptionName": "poststop"
},
{
  "SettingValue": "",
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  "OptionName": "prestart"
},
{
  "SettingValue": "",
  "PathName": "hooks",
  "OptionName": "prestop"
},
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  "SettingValue": "tomcat 8 openjdk 8",
  "PathName": "platform",
  "OptionName": "buildpack"
},
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  "SettingValue": "Tomcat",
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  "OptionName": "category"
},
{
  "SettingValue": "aliyunlinux",
  "PathName": "platform",
  "OptionName": "os"
},
{
  "SettingValue": "2.1903",
  "PathName": "platform",
```

```
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    },
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        "OptionName":"stackName"
    },
    {
        "SettingValue":"nginx",
        "PathName":"proxy",
        "OptionName":"type"
    },
    {
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        "PathName":"proxy.apache",
        "OptionName":"version"
    },
    {
        "SettingValue":"1.14.2",
        "PathName":"proxy.nginx",
        "OptionName":"version"
    },
    {
        "SettingValue":"",
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        "OptionName":"dataDiskInfo"
    },
    {
        "SettingValue":"true",
        "PathName":"resources.ecs.autoScaling",
        "OptionName":"enableInternet"
    },
    {
        "SettingValue":"WebPlus-baiji-env",
        "PathName":"resources.ecs.autoScaling",
        "OptionName":"instanceName"
    },
    {
        "SettingValue":"1",
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        "OptionName":"instanceNum"
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    {
        "SettingValue":"[\"ecs.t5-*****\", \"ecs.*****.small\", \"ecs.*****.tiny\", \"ecs.*****g5.large\"]",
        "PathName":"resources.ecs.autoScaling",
        "OptionName":"instanceType"
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        "OptionName":"internetChargeType"
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    {
        "SettingValue":"50",
        "PathName":"resources.ecs.autoScaling",
        "OptionName":"internetMaxBandwidthOut"
    },
    {
```

```
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"OptionName":"keyPairName"
},
{
"SettingValue":"BALANCE",
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"OptionName":"multiAzPolicy"
},
{
"SettingValue":"false",
"PathName":"resources.ecs.autoScaling",
"OptionName":"passwordInherit"
},
{
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"PathName":"resources.ecs.autoScaling",
"OptionName":"ramRoleName"
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{
"SettingValue":"release",
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"OptionName":"scalingPolicy"
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"OptionName": "securityGroupIds"
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"OptionName": "systemDiskCategory"
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{
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"PathName": "resources.ecs.autoScaling",
"OptionName": "systemDiskSize"
},
{
"SettingValue": "",
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"OptionName": "vpcOption"
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"OptionName": "accountName"
},
{
"SettingValue": "",
"PathName": "resources.rds",
"OptionName": "accountPassword"
},
```

```
{  
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},  
{  
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    "PathName": "resources.rds",  
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},  
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    "PathName": "resources.rds",  
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},  
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    "OptionName": "engine"  
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    "PathName": "resources.rds",  
    "OptionName": "engineVersion"  
},  
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    "PathName": "resources.rds",  
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```

```
},
{
  "SettingValue": "80",
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},
{
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},
{
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  "PathName": "resources.slb.internet",
  "OptionName": "enable"
},
{
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  "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"
},
{
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  "PathName": "resources.slb.internet",
  "OptionName": "protocol"
},
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  "PathName": "resources.slb.internet",
  "OptionName": "slbId"
},
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  "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	ws-6c937c98a9 c0296d0c48 *****	环境ID
ProfileName	String	否	StandAlone	初始化配置类型, 可选以下值: · 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-5d3eaaea29 77ca5251e*****	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
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

名称	类型	示例值	描述
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
ValueType	String	String	值类型
StackId	String	ws-6c937c98a9 c0296d0c48*****	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>  
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        <MaxValue>-1</MaxValue>  
        <RegexDesc></RegexDesc>  
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        <OptionLabel>Start Command</OptionLabel>  
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        < 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>  
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        <MaxValue>-1</MaxValue>  
        <RegexDesc></RegexDesc>  
        <PathName>application.commands</PathName>  
        <OptionName>stop</OptionName>  
        <OptionLabel>Stop Command</OptionLabel>  
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      </ConfigOption>
```

```
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    <RegexDesc></RegexDesc>
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    <OptionName>value</OptionName>
    <OptionLabel>Environmental Variables</OptionLabel>
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    < ReadonlyOption>false</ReadonlyOption>
    <MaxLength>16384</MaxLength>
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    <HiddenOption>false</HiddenOption>
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launch the app.</OptionDescription>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>application.healthCheck</PathName>
    <OptionName>type</OptionName>
    <OptionLabel>Health Check Type</OptionLabel>
    <ChangeSeverity>No Interruption</ChangeSeverity>
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    <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 the application is healthy.</OptionDescription>
</ConfigOption>
<ConfigOption>
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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
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    <OptionName>path</OptionName>
    <OptionLabel>Health Check URL</OptionLabel>
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    < 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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<PathName>application.healthCheck</PathName>  
<OptionName>retryCount</OptionName>  
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< ReadonlyOption>false</ ReadonlyOption>  
<MaxLength>-1</MaxLength>  
<ValueOptions></ValueOptions>  
<HiddenOption>false</HiddenOption>  
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<OptionDescription>If the health check retry exceeds  
this number, it is determined that the health check failed.</  
OptionDescription>  
</ConfigOption>  
<ConfigOption>  
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<PathName>application.healthCheck</PathName>  
<OptionName>intervalSeconds</OptionName>  
<OptionLabel>Health Check Interval (Seconds)</  
OptionLabel>  
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<ValueOptions></ValueOptions>  
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<OptionDescription>When an inspection fails, the  
interval to the next health check is long.</OptionDescription>  
</ConfigOption>  
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<PathName>application.healthCheck</PathName>  
<OptionName>timeoutSeconds</OptionName>  
<OptionLabel>Health Check Timeout (Seconds)</  
OptionLabel>  
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```

```
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<MinLength>0</MinLength>
    <OptionDescription>The timeout period for a single
health check.</OptionDescription>
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    <RegexDesc></RegexDesc>
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    <OptionName>value</OptionName>
    <OptionLabel>JVM Options</OptionLabel>
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parameters used to launch the application.</OptionDescription>
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    <OptionName>port</OptionName>
    <OptionLabel>Server Port</OptionLabel>
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    <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>
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    <.MaxValue>180</MaxValue>
    <RegexDesc></RegexDesc>
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    <OptionName>maxStartDuration</OptionName>
    <OptionLabel>Application Max Start Duration (Seconds
)</OptionLabel>
```

```
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<HiddenOption>true</HiddenOption>
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incorrect during this time after the application is started, the
application is considered to have failed to start.</OptionDescription>
</ConfigOption>
<ConfigOption>
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<OptionDescription>Web+ will use this version of the
deployment package to deploy ECS instances.</OptionDescription>
</ConfigOption>
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<OptionLabel>Package File Name</OptionLabel>
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ECS instance.</OptionDescription>
</ConfigOption>
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<OptionLabel>Package URL</OptionLabel>
```

```
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<OptionName>serverConfig</OptionName>
<OptionLabel>Tomcat Configuration File</OptionLabel>
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server.xml configuration</OptionDescription>
</ConfigOption>
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<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
<OptionName>poststart</OptionName>
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```

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<OptionDescription>Web+ will call this command after
the app launches</OptionDescription>
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<.MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
<OptionName>prestop</OptionName>
<OptionLabel>PreStop</OptionLabel>
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<MinLength>0</MinLength>
<OptionDescription>Web+ will call this command before
the application stops</OptionDescription>
</ConfigOption>
<ConfigOption>
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the app has stopped</OptionDescription>
</ConfigOption>
<ConfigOption>
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```

```
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the application is initialized</OptionDescription>
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1903</DefaultValue>
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development language, container type, etc.</OptionDescription>
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ription>
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<OptionName>osVersion</OptionName>
<OptionLabel>Operating System Version</OptionLabel>
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```

```
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runtime container</OptionDescription>
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<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>JAVA, Tomcat, PHP, Go, etc.</
OptionDescription>
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<ConfigOption>
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<OptionLabel>Reverse Proxy Type</OptionLabel>
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```

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    <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>
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    <MinLength>0</MinLength>
    <OptionDescription>Nginx version used</OptionDescription>
</ConfigOption>
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        <MaxValue>-1</MaxValue>
```

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<OptionName>instanceType</OptionName>
<OptionLabel>Instance Type</OptionLabel>
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<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 specifications. An
ECS instance created by Web+, using the//help.aliyun.com/knowledge_
detail/40653.html">Pay As You Go</OptionDescription>
</ConfigOption>
<ConfigOption>
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    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
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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>
    <ValueOptions></ValueOptions>
    <HiddenOption>true</HiddenOption>
    <MinLength>1</MinLength>
    <OptionDescription>Instance name used</OptionDes
cription>
</ConfigOption>
<ConfigOption>
    <MinValue>0</MinValue>
    <ValueType>Integer</ValueType>
    <RegexPattern></RegexPattern>
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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>
```

```
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<OptionLabel>Security Groups</OptionLabel>
<ChangeSeverity>No Interruption</ChangeSeverity>
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<MinLength>0</MinLength>
<OptionDescription>The security group used by the instance can select up to 5 security groups.</OptionDescription>
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<RegexDesc></RegexDesc>
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<OptionLabel>ECS RAM Role Name</OptionLabel>
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<OptionLabel>Key Pair Name</OptionLabel>
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<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></OptionDescription>
</ConfigOption>
<ConfigOption>
```

```
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scalingPolicy.recycle msg}}"}]</ValueOptions>
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<OptionDescription>Recycling mode when the ECS
instance is shrunk, optional release mode or shutdown recovery mode.</
OptionDescription>
</ConfigOption>
<ConfigOption>
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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.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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<PathName>resources.ecs.autoScaling</PathName>
<OptionName>dataDiskInfo</OptionName>
<OptionLabel>Data Disk Infomation</OptionLabel>
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<ReadonlyOption>true</ReadonlyOption>
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```

```
        <OptionDescription>Configure information about the  
data disk.</OptionDescription>  
        </ConfigOption>  
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            <OptionName>systemDiskSize</OptionName>  
            <OptionLabel>System Disk Size</OptionLabel>  
            <ChangeSeverity>No Interruption</ChangeSeverity>  
            < ReadonlyOption>false</ ReadonlyOption>  
            <MaxLength>-1</MaxLength>  
            <ValueOptions></ValueOptions>  
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            <MinLength>0</MinLength>  
            <OptionDescription>System disk size (GB)</OptionDesc  
ription>  
        </ConfigOption>  
        <ConfigOption>  
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            <PathName>resources.ecs.autoScaling</PathName>  
            <OptionName>systemDiskCategory</OptionName>  
            <OptionLabel>System Disk Category</OptionLabel>  
            <ChangeSeverity>No Interruption</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, ephemeral_ssd.</  
OptionDescription>  
        </ConfigOption>  
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            <ValueType>String</ValueType>  
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            <PathName>resources.ecs.autoScaling</PathName>  
            <OptionName>multiAzPolicy</OptionName>  
            <OptionLabel>Multiple Zones Policy</OptionLabel>  
            <ChangeSeverity>No Interruption</ChangeSeverity>  
            < ReadonlyOption>false</ ReadonlyOption>  
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            <ValueOptions>["PRIORITY", "COST_OPTIMIZED", "BALANCE  
"]</ValueOptions>
```

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<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>
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<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
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<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 <a
href="// Help.aliyun.com/document_detail/25411.html" target="_blank">
public network bandwidth billing</a>. </a></OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
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<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>
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<OptionLabel>Max Bandwidth Inbound</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
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<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>
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    <ValueType>Integer</ValueType>
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EditorType>
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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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EditorType>
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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>
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    <MinLength>0</MinLength>
    <OptionDescription>Whether to create I/O optimization
instances.</OptionDescription>
</ConfigOption>
<ConfigOption>
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EditorType>
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<ChangeSeverity>No Interruption</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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    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.network</PathName>
    <OptionName>vpcOption</OptionName>
    <OptionLabel>Network Options</OptionLabel>
    <ChangeSeverity>No Interruption</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">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>No Interruption</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, 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>      </
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>
    </ConfigOption>
    <ConfigOption>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
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EditorType>
        <DefaultValue></DefaultValue>
        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>resources.rds</PathName>
        <OptionName>zoneId</OptionName>
        <OptionLabel>Zone</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        < ReadonlyOption>false</ReadonlyOption>
        <MaxLength>64</MaxLength>
        <ValueOptions></ValueOptions>
```

```
<HiddenOption>false</HiddenOption>
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<OptionDescription>Please select the available zone
where the RDS instance is located</OptionDescription>
</ConfigOption>
<ConfigOption>
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</EditorType>
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<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>vSwitches</OptionName>
<OptionLabel>Zone and VSwitch</OptionLabel>
<ChangeSeverity>No Interruption</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-marked switch is the
default switch for the current environment)</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>engine</OptionName>
<OptionLabel>Database Type</OptionLabel>
<ChangeSeverity>No Interruption</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>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"RDSEngineVersionSelector","props":{}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>engineVersion</OptionName>
<OptionLabel>Database version</OptionLabel>
<ChangeSeverity>No Interruption</ChangeSeverity>
< ReadonlyOption>false</ReadonlyOption>
```

```
<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Choose the right database engine
version for your business needs</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<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>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<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>。
</OptionDescription>
</ConfigOption>
<ConfigOption>
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<ValueType>Integer</ValueType>
<RegexPattern></RegexPattern>
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<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
<OptionName>storageSize</OptionName>
<OptionLabel>Storage size</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
< ReadonlyOption>false</ReadonlyOption>
<MaxLength>-1</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Choose the right storage size for
your business needs (in GB)</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component": "RDSDatabaseClassSelector", "props": {}}</EditorType>
<DefaultValue></DefaultValue>
<MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.rds</PathName>
```

```
<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 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 <a target="_blank" href="//help.aliyun.com/knowledge_detail/57184.html">Instance Specification Family</a>. </OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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<DefaultValue>webplus</DefaultValue>
<.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>
<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>characterSetName</OptionName>
<OptionLabel>Character Set</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
<ReadOnlyOption>false</ReadOnlyOption>
<MaxLength>64</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The character set of the database , MySQL and MariaDB by default takes utf8mb4, SQL Server by default takes Chinese-PRC-CI-AS</OptionDescription>
```

```
</ConfigOption>
<ConfigOption>
    <MinValue>-1</MinValue>
    <ValueType>String</ValueType>
    <RegexPattern></RegexPattern>
    <EditorType>{"component":"Input","props":{}}</
EditorType>
    <DefaultValue>webplus</DefaultValue>
    <MaxValue>-1</MaxValue>
    <RegexDesc></RegexDesc>
    <PathName>resources.rds</PathName>
    <OptionName>accountName</OptionName>
    <OptionLabel>Account Name</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    < ReadonlyOption>false</ReadonlyOption>
    <MaxLength>32</MaxLength>
    <ValueOptions></ValueOptions>
    <HiddenOption>false</HiddenOption>
    <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 the account is correct.</OptionDescription>
    </ConfigOption>
    <ConfigOption>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
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EditorType>
        <DefaultValue></DefaultValue>
        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>resources.rds</PathName>
        <OptionName>accountPassword</OptionName>
        <OptionLabel>Password</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        < ReadonlyOption>false</ReadonlyOption>
        <MaxLength>1024</MaxLength>
        <ValueOptions></ValueOptions>
        <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>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"RDSCategorySelector","props":{}}</
EditorType>
        <DefaultValue></DefaultValue>
        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>resources.rds</PathName>
        <OptionName>category</OptionName>
        <OptionLabel>Category</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        < ReadonlyOption>false</ReadonlyOption>
        <MaxLength>1024</MaxLength>
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<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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<RegexPattern></RegexPattern>
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<DefaultValue>false</DefaultValue>
<.MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.internet</PathName>
<OptionName>enable</OptionName>
<OptionLabel>Enable Internet SLB</OptionLabel>
<ChangeSeverity>No Interruption</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>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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<RegexDesc></RegexDesc>
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<OptionName>slbId</OptionName>
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<ChangeSeverity>No Interruption</ChangeSeverity>
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<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Use an existing SLB instance or automatically purchase an SLB instance from Web+.</OptionDescription>
</ConfigOption>
<ConfigOption>
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<ValueType>Integer</ValueType>
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```

```
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<PathName>resources.slb.internet</PathName>
<OptionName>listenerPort</OptionName>
<OptionLabel>Internet SLB Listener Port</OptionLabel>
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<OptionDescription>The listening port of the public
network SLB can use this port to access applications from the public
network.</OptionDescription>
</ConfigOption>
<ConfigOption>
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<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
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<RegexDesc></RegexDesc>
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<OptionName>protocol</OptionName>
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<OptionName>forwardingRule</OptionName>
<OptionLabel>Internet SLB Forwarding Rule</OptionLabel>
>
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<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.</
OptionDescription>
</ConfigOption>
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```

```
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<OptionDescription>The internet SLB forwards the
request to the port of the instance, which is generally the application
reverse proxy port</OptionDescription>
</ConfigOption>
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<OptionDescription>The peak bandwidth of the load
balancer.</OptionDescription>
</ConfigOption>
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<.MaxValue>-1</.MaxValue>
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medium","slb.s3.small","slb.s3.medium","slb.s3.large"]</ValueOptions>
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<OptionDescription>The specifications of the load
balancing instance.</OptionDescription>
</ConfigOption>
<ConfigOption>
```

```
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<OptionLabel>Health Check URL</OptionLabel>
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OptionDescription>
</ConfigOption>
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<RegexDesc></RegexDesc>
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<OptionName>internetChargeType</OptionName>
<OptionLabel>Internet Charge Type</OptionLabel>
<ChangeSeverity>No Interruption</ChangeSeverity>
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<ValueOptions>["paybybandwidth", "paybytraffic"]</
ValueOptions>
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<MinLength>0</MinLength>
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network type instance can be charged by bandwidth or by flow meter.</
OptionDescription>
</ConfigOption>
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<OptionName>enable</OptionName>
<OptionLabel>Enable Intranet SLB</OptionLabel>
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<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.aliyun.  
com SLB console Create or configure SLB.</OptionDescription>  
    </ConfigOption>  
    <ConfigOption>  
        <MinValue>-1</MinValue>  
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        <RegexDesc></RegexDesc>  
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        <OptionLabel>Intranet SLB</OptionLabel>  
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        <MaxLength>32</MaxLength>  
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        <MinLength>0</MinLength>  
        <OptionDescription>Use an existing SLB instance or  
automatically purchase an SLB instance from Web+.</OptionDescription>  
    </ConfigOption>  
    <ConfigOption>  
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        <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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        <ValueType>String</ValueType>  
        <RegexPattern></RegexPattern>  
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        <MaxValue>-1</MaxValue>  
        <RegexDesc></RegexDesc>  
        <PathName>resources.slb.intranet</PathName>  
        <OptionName>protocol</OptionName>  
        <OptionLabel>Intranet SLB Protocol</OptionLabel>  
        <ChangeSeverity>NoInterruption</ChangeSeverity>  
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        ":"http","label":"HTTP"}]</ValueOptions>  
        <HiddenOption>false</HiddenOption>
```

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OptionDescription>
</ConfigOption>
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<HiddenOption>false</HiddenOption>
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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.taobao.com, /test are all correct forwarding rules.</
OptionDescription>
</ConfigOption>
<ConfigOption>
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<OptionName>backendPort</OptionName>
<OptionLabel>Intranet SLB Backend Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
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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 applicatio
n reverse proxy port</OptionDescription>
</ConfigOption>
<ConfigOption>
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<RegexPattern></RegexPattern>
<EditorType>{"component": "NumberPicker", "props": {}}</
EditorType>
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<MaxValue>5120</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>bandwidth</OptionName>
<OptionLabel>Max Bandwidth</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
```

```
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<OptionDescription>The peak bandwidth of the load
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<OptionLabel>Load Balancer Spec</OptionLabel>
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balancing instance.</OptionDescription>
</ConfigOption>
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<RegexDesc></RegexDesc>
<PathName>resources.slb.intranet</PathName>
<OptionName>healthCheckUrl</OptionName>
<OptionLabel>健康检查URL</OptionLabel>
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<.MaxValue>-1</MaxValue>
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<PathName>resources.slb.intranet</PathName>
<OptionName>internetChargeType</OptionName>
<OptionLabel>Charge Type</OptionLabel>
<ChangeSeverity>No Interruption</ChangeSeverity>
```

```

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        < 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>
< 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": "",
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          "DefaultValue": "",
          "RegexDesc": "",
          "MaxValue": -1,
          "PathName": "application.commands",
          "OptionName": "start",
          "OptionLabel": "Start Command",
          "ChangeSeverity": "No Interruption",
          "ReadOnlyOption": false,
          "MaxLength": 1024,
          "ValueOptions": "",
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          "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": "No Interruption",
          "ReadOnlyOption": false,
          "MaxLength": 1024,
          "ValueOptions": "",
          "HiddenOption": false,
          "MinLength": 0,
        }
      ]
    }
  }
}

```

```
        "OptionDescription":"Web+ uses this command to stop the
application"
    },
    {
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        "ValueType": "JSON",
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        "EditorType": "{\"component\": \"KVLListEditor\", \"props\": {}}",
        "DefaultValue": "[]",
        "RegexDesc": "",
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        "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."
    },
    {
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        "RegexPattern": "",
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        "RegexDesc": "",
        ".MaxValue": -1,
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        "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 application is healthy."
    },
    {
        "MinValue": -1,
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        "RegexPattern": "",
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        "DefaultValue": "/",
        "RegexDesc": "",
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        "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,  
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    "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."  
,  
{  
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    "ValueType":"Integer",  
    "RegexPattern": "",  
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    "DefaultValue":"3",  
    "RegexDesc": "",  
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    "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  
."  
.
```

```
},
{
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  "RegexPattern": "",
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  "DefaultValue": "",
  "RegexDesc": "",
  ".MaxValue": -1,
  "PathName": "application.jvmOpts",
  "OptionName": "value",
  "OptionLabel": "JVM Options",
  "ChangeSeverity": "No INTERRUPTION",
  " ReadonlyOption": false,
  "MaxLength": 16384,
  "ValueOptions": "",
  "HiddenOption": false,
  "MinLength": 0,
  "OptionDescription": "Set the Java virtual machine parameters used to launch the application."
},
{
  "MinValue": 1024,
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  "RegexPattern": "",
  "EditorType": "{\"component\": \"NumberPicker\", \"props\": {}}",
  "DefaultValue": "8080",
  "RegexDesc": "",
  ".MaxValue": 65535,
  "PathName": "application.option",
  "OptionName": "port",
  "OptionLabel": "Server Port",
  "ChangeSeverity": "No INTERRUPTION",
  " 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": "No INTERRUPTION",
  " 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."
},
```

```
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"DefaultValue": "",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "application.package",
"OptionName": "label",
"OptionLabel": "Package Label",
"ChangeSeverity": "No INTERRUPTION",
" 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": "No INTERRUPTION",
" 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": "No INTERRUPTION",
" 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"
},
```

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{  
    "MinValue": -1,  
    "ValueType": "String",  
    "RegexPattern": "",  
    "EditorType": "{\"component\": \"Input\", \"props\": {}}",  
    "DefaultValue": "Tomcat",  
    "RegexDesc": "",  
    ".MaxValue": -1,  
    "PathName": "platform",  
    "OptionName": "category",  
    "OptionLabel": "Platform Category",  
    "ChangeSeverity": "No INTERRUPTION",  
    " ReadonlyOption": true,  
    "MaxLength": 32,  
    "ValueOptions": "",  
    "HiddenOption": false,  
    "MinLength": 0,  
    "OptionDescription": "JAVA, Tomcat, PHP, Go, etc."  
},  
{  
    "MinValue": -1,  
    "ValueType": "String",  
    "RegexPattern": "",  

```

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".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": "No INTERRUPTION",
"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-lc1m1.small\", \"ecs.xn4.small\", \"ecs.n1.tiny\", \"ecs.g5.large\"]",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "instanceType",
"OptionLabel": "Instance Type",
"ChangeSeverity": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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":"No INTERRUPTION",
  " 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":"No INTERRUPTION",
  " 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":"No INTERRUPTION",
  " ReadonlyOption":true,
  "MaxLength":64,
  "ValueOptions":"",
  "HiddenOption":true,
  "MinLength":0,
  "OptionDescription":"RAM role name used by ECS instances created by Web+"
},
{
  "MinValue":-1,
```

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"ValueType":"String",
"RegexPattern":"",
"EditorType":"{\\"component\\":\\"KeyPairSelector\\",\\"props\\":{}}",
"DefaultValue":"",
"RegexDesc":"",
".MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "keyPairName",
"OptionLabel": "Key Pair Name",
"ChangeSeverity": "No Interruption",
" 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": "{$component\\":\\"Select\\",\\"props\\":{}}",
"DefaultValue": "release",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "scalingPolicy",
"OptionLabel": "Scaling Policy",
"ChangeSeverity": "No Interruption",
" ReadonlyOption": false,
"MaxLength": 16,
"ValueOptions": "[{$value\\":\"recycle\\\",\"label\\\":\"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}\"}, {$value\\\":\"release\\\",\"label\\\":\"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}\"]]",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Recycling mode when the ECS instance is shrunk, optional release mode or shutdown recovery mode."
},
{
".MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{$component\\":\\"Input\\",\\"props\\":{}}",
"DefaultValue": "",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "resources.ecs.autoScaling",
"OptionName": "userData",
"OptionLabel": "User Data",
"ChangeSeverity": "No Interruption",
" 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",
"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), 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\": \"\", \"switches\": []}",
"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 VPC console."
},
{
".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 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\\":\n{}},\n    \"DefaultValue\":\"[]\",\n    \"RegexDesc\":\"\",\n    \".MaxValue\":-1,\n    \"PathName\":\"resources.rds\",\n    \"OptionName\":\"vSwitches\",\n    \"OptionLabel\":\"Zone and VSwitch\",\n    \"ChangeSeverity\":\"NoInterruption\",\n    \" ReadonlyOption\":false,\n    \"MaxLength\":1024,\n    \"ValueOptions\":\"\",\n    \"HiddenOption\":false,\n    \"MinLength\":0,\n    \"OptionDescription\":\"Please select the zone and switch where the\nRDS instance is located (the star-marked switch is the default switch\nfor the current environment)\"\n},\n{\n    \"MinValue\":-1,\n    \"ValueType\":\"String\",\n    \"RegexPattern\":\"\",\n    \"EditorType\":\"{\\"component\\":\\"RDSEngineSelector\\",\\"props\\":\n{}},\n        \"DefaultValue\":\"\",\n        \"RegexDesc\":\"\",\n        \".MaxValue\":-1,\n        \"PathName\":\"resources.rds\",\n        \"OptionName\":\"engine\",\n        \"OptionLabel\":\"Database Type\",\n        \"ChangeSeverity\":\"NoInterruption\",\n        \" ReadonlyOption\":false,\n        \"MaxLength\":32,\n        \"ValueOptions\":\"\",\n        \"HiddenOption\":false,\n        \"MinLength\":0,\n        \"OptionDescription\":\"RDS supports database types such as MySQL,\nPostgreSQL, SQL Server, MariaDB TX, and PPAS (Postgre Plus Advanced\nServer, highly compatible Oracle Database).\"\n},\n{\n    \"MinValue\":-1,\n    \"ValueType\":\"String\",\n    \"RegexPattern\":\"\",\n    \"EditorType\":\"{\\"component\\":\\"RDSEngineVersionSelector\\",\\"props\\":\n{}},\n        \"DefaultValue\":\"\",\n        \"RegexDesc\":\"\",\n        \".MaxValue\":-1,\n        \"PathName\":\"resources.rds\",\n        \"OptionName\":\"engineVersion\",\n        \"OptionLabel\":\"Database version\",\n        \"ChangeSeverity\":\"NoInterruption\",\n        \" ReadonlyOption\":false,\n        \"MaxLength\":32,\n        \"ValueOptions\":\"\",\n        \"HiddenOption\":false,\n        \"MinLength\":0,\n        \"OptionDescription\":\"Choose the right database engine version for\nyour business needs\"\n},\n{\n    \"MinValue\":-1,\n    \"ValueType\":\"String\",
```

```
"RegexPattern":"",
"EditorType":"{\\"component\\":\\"RDSStorageTypeSelector\\",\\"props\\":{}},
  "DefaultValue":"",
  "RegexDesc":"",
  ".MaxValue": -1,
  "PathName": "resources.rds",
  "OptionName": "storageType",
  "OptionLabel": "Storage Type",
  "ChangeSeverity": "No Interruption",
  " 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": "No Interruption",
    " 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": "No Interruption",
    " ReadonlyOption": false,
    "MaxLength": 32,
    "ValueOptions": "",
    "HiddenOption": false,
    "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<a target
=_blank href=/help.aliyun.com/knowledge_detail/57184.html>
Instance Specification Family</a>."
},
{
  "MinValue": -1,
  "ValueType": "String",
  "RegexPattern": "",
  "EditorType": "{\"component\": \"Input\", \"props\": {}}",
  "DefaultValue": "webplus",
  "RegexDesc": "",
  ".MaxValue": -1,
  "PathName": "resources.rds",
  "OptionName": "databaseName",
  "OptionLabel": "Database Name",
  "ChangeSeverity": "No INTERRUPTION",
  " 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": "No INTERRUPTION",
  " 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": "accountName",
  "OptionLabel": "Account Name",
  "ChangeSeverity": "No INTERRUPTION",
```

```
" 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":"No INTERRUPTION",
  "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":"No INTERRUPTION",
  "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 automatica
lly 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": "No Interruption",
"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": "No Interruption",
"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": "No Interruption",
"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": "No Interruption",
" ReadonlyOption": false,
"MaxLength": -1,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "The peak bandwidth of the load balancer."
},
{
".MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{$component\\":\\"Select\\",\\"props\\":{}}",
"DefaultValue": "slb.s1.small",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "resources.slb.internet",
"OptionName": "loadBalancerSpec",
"OptionLabel": "Load Balancer Spec",
"ChangeSeverity": "No Interruption",
" ReadonlyOption": false,
"MaxLength": 32,
"ValueOptions": "[\"slb.s1.small\", \"slb.s2.small\", \"slb.s2.medium\", \"slb.s3.small\", \"slb.s3.medium\", \"slb.s3.large\"]",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "The specifications of the load balancing instance."
},
{
".MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
"EditorType": "{$component\\":\\"Input\\",\\"props\\":{}}",
"DefaultValue": "/",
"RegexDesc": "",
".MaxValue": -1,
"PathName": "resources.slb.internet",
"OptionName": "healthCheckUrl",
"OptionLabel": "Health Check URL",
"ChangeSeverity": "No Interruption",
" 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": 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 automatica
lly 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
.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-5d3eaaea29 77ca5251e*****	环境ID
ProfileName	String	否	HighAvailability	初始化配置类型, 可选以下值: · 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-6c937c98a9 c0296d0c48 *****	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

名称	类型	示例值	描述
MaxLength	Integer	32	最大长度
MaxValue	Long	-1	最大值
MinLength	Integer	32	最小长度
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

名称	类型	示例值	描述
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
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>
            <ConfigPath>
                <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>
                            <DefaultValue>nginx</DefaultValue>
                            <.MaxValue>-1</.MaxValue>
                            <RegexDesc></RegexDesc>
                            <PathName>proxy</PathName>
                            <OptionName>type</OptionName>
                            <OptionLabel>Reverse Proxy Type</OptionLabel>
                            <ChangeSeverity>No Interruption</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 forward the received HTTP request to the application's service port.</OptionDescription>
                        </ConfigOption>
                    </ConfigOptions>
                    <PathLabel>Reverse Proxy</PathLabel>
                    <PathName>proxy</PathName>
                </ConfigPath>
            </ConfigPaths>
        </ConfigGroup>
        <ConfigGroup>
            <ConfigPath>
                <GroupName>resources</GroupName>
                <GroupLabel>Resource</GroupLabel>
                <ConfigPaths>
                    <ConfigPath>
                        <HiddenPath>false</HiddenPath>
                        <ConfigOptions>
                            <ConfigOption>
                                <MinValue>-1</MinValue>
                                <ValueType>JSON</ValueType>
                                <RegexPattern></RegexPattern>
                                <EditorType>{"component": "VpcOptionsSelect", "props": {}}</EditorType>
                            <DefaultValue>{"vpcId": "", "vpcName": ""}</DefaultValue>
                            <.MaxValue>-1</.MaxValue>
                            <RegexDesc></RegexDesc>
                            <PathName>vpcId</PathName>
                            <OptionName>vpcId</OptionName>
                            <OptionLabel>VPC ID</OptionLabel>
                            <ChangeSeverity>No Interruption</ChangeSeverity>
                            < ReadonlyOption>false</ ReadonlyOption>
                            <MaxLength>32</MaxLength>
                            <ValueOptions>[{"value": "", "label": "请选择"}, {"value": "vpc-12345678901234567890", "label": "vpc-12345678901234567890"}]</ValueOptions>
                            <HiddenOption>false</HiddenOption>
                            <MinLength>0</MinLength>
                            <OptionDescription>The VPC ID used for the reverse proxy. It will be used to identify the VPC and its subnets for network configuration. Make sure the VPC is available and has the required resources for the reverse proxy to function correctly.</OptionDescription>
                        </ConfigOption>
                    </ConfigOptions>
                    <PathLabel>VPC ID</PathLabel>
                    <PathName>vpcId</PathName>
                </ConfigPath>
            </ConfigPaths>
        </ConfigGroup>
    </ConfigGroups>

```

```
<DefaultValue>{"vpcId":"vpc-wz9e6y22o3  
o91nuy9xkta","vSwitches":["vsw-wz9gfawx1vxkimtjc2h0z"]}</DefaultValue>  
<MaxValue>-1</MaxValue>  
<RegexDesc></RegexDesc>  
<PathName>resources.network</PathName>  
<OptionName>vpcOption</OptionName>  
<OptionLabel>Network Options</OptionLabel>  
<ChangeSeverity>NoInterruption</ChangeSeve  
rity>  
<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  
<a href="//vpc.console.aliyun.com" target="_blank">VPC console</a>  
</OptionDescription>  
</ConfigOption>  
</ConfigOptions>  
<PathLabel>Network</PathLabel>  
<PathName>resources.network</PathName>  
</ConfigPath>  
<ConfigPath>  
<HiddenPath>false</HiddenPath>  
<ConfigOptions>  
<ConfigOption>  
<MinValue>-1</MinValue>  
<ValueType>List</ValueType>  
<RegexPattern></RegexPattern>  
<EditorType>{"component": "Instanc  
eSelector", "props": {"mode": "multiple"} }</EditorType>  
<DefaultValue>["ecs.t5-lc1m1.small", "ecs.  
xn4.small", "ecs.n1.tiny", "ecs.g5.large"]</DefaultValue>  
<MaxValue>-1</MaxValue>  
<RegexDesc></RegexDesc>  
<PathName>resources.ecs.autoScaling</  
PathName>  
<OptionName>instanceType</OptionName>  
<OptionLabel>Instance Type</OptionLabel>  
<ChangeSeverity>NoInterruption</ChangeSeve  
rity>  
<ReadonlyOption>false</ReadonlyOption>  
<MaxLength>10</MaxLength>  
<ValueOptions></ValueOptions>  
<HiddenOption>false</HiddenOption>  
<MinLength>0</MinLength>  
<OptionDescription>The instance specificat  
ion 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>.</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</ChangeSeve
rity>

<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", "p
rops": {}}</EditorType>

<DefaultValue>1</DefaultValue>
<.MaxValue>100</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</
PathName>

<OptionName>instanceNum</OptionName>
<OptionLabel>Instance Number</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeve
rity>

<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": "SecurityGr
oupSelector", "props": {"mode": "multiple"} }</EditorType>
<DefaultValue>[]</DefaultValue>
<.MaxValue>-1</MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</
PathName>

<OptionName>securityGroupIds</OptionName>
<OptionLabel>Security Groups</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeve
rity>

<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.</OptionDesc
ription>
```

```
</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>No INTERRUPTION</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+</OptionDescription>
</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>No INTERRUPTION</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.</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>No INTERRUPTION</ChangeSeverity>
<ReadonlyOption>false</ReadonlyOption>
<MaxLength>16</MaxLength>
<ValueOptions>[{"value": "recycle", "label": ":"}, {"value": "release", "label": ":"}]</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>No INTERRUPTION</ChangeSeverity>
<ReadonlyOption>false</ReadonlyOption>
<MaxLength>16384</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>true</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Configure ECS user data , refer to ECS User Data Practices.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component": "DataDiskEditor", "props": {}}</EditorType>
<DefaultValue></DefaultValue>
<.MaxValue>-1</.MaxValue>
<RegexDesc></RegexDesc>
<PathName>resources.ecs.autoScaling</PathName>
<OptionName>dataDiskInfo</OptionName>
<OptionLabel>Data Disk Infomation</OptionLabel>
<ChangeSeverity>No INTERRUPTION</ChangeSeverity>
<ReadonlyOption>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>No Interruption</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>No Interruption</ChangeSeverity>
<ReadonlyOption>false</ReadonlyOption>
<MaxLength>32</MaxLength>
<ValueOptions>["cloud", "cloud_efficiency", "cloud_ssd", "ephemeral_ss
d"]</ValueOptions>
<HiddenOption>true</HiddenOption>
<MinLength>1</MinLength>
<OptionDescription>The disk type of the system disk, optional: cloud, cloud_efficiency, cloud_ssd, ephemeral_ss
d.</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</
    rity>
    <ChangeSeverity>NoInterruption</ChangeSeve
    <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</ChangeSeve
        rity>
        <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
        <a href="http://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</ChangeSeve
            rity>
            <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>

PathName>
OptionName>
OptionLabel>
  rity>
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>
<EditorType>{"component": "NumberPicker", "props": {}}</EditorType>

PathName>
OptionName>
OptionLabel>
  rity>
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>  
  
<PathName>  
  <OptionName>ioOptimized</OptionName>  
  <OptionLabel>I/O 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>  
  </ConfigOption>  
  <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>  
      <ConfigOption>  
        <MinValue>-1</MinValue>  
        <ValueType>Boolean</ValueType>  
        <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>  
        <DefaultValue>false</DefaultValue>  
        <MaxValue>-1</MaxValue>  
        <RegexDesc></RegexDesc>  
        <PathName>resources.slb.internet</PathName>  
      </ConfigOption>  
    </ConfigOptions>  
  </ConfigPath>  
>
```

```
        <OptionName>enable</OptionName>
        <OptionLabel>Enable Internet SLB</
    OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeve
    rity>
    <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>
        <MinValue>-1</MinValue>
        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"SLBSelector","
props": {"AddressType": "internet"}}</EditorType>
        <DefaultValue></DefaultValue>
        <.MaxValue>-1</.MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>resources.slb.internet</PathName
    >
    <OptionName>slbId</OptionName>
    <OptionLabel>Internet SLB</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeve
    rity>
    <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.internet</PathName
    >
    <OptionName>listenerPort</OptionName>
    <OptionLabel>Internet SLB Listener Port</
    OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeve
    rity>
    <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 applications 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>  
>  
    <OptionLabel>  
        <ChangeSeverity>No Interruption</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>  
>  
    <OptionLabel>  
        <ChangeSeverity>No Interruption</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 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.internet</PathName>
>
<OptionName>backendPort</OptionName>
<OptionLabel>Internet SLB Backend Port</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
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```

```
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the load balancing instance.</OptionDescription>  
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>  
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>  
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rity>  
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checks.</OptionDescription>  
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rity>  
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the public network type instance can be charged by bandwidth or by  
flow meter.</OptionDescription>  
          </ConfigOption>  
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    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="http://slb.console.aliyun.com" target="_blank">SLB  
    console</a>Create or configure SLB. </OptionDescription>  
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    <PathName>resources.slb.intranet</PathName>  
  >  
  <OptionName>slbId</OptionName>  
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  <ChangeSeverity>No Interruption</ChangeSeverity>  
  <ReadonlyOption>false</ReadonlyOption>  
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    instance or automatically purchase an SLB instance from Web+. </OptionDescription>  
  </ConfigOption>  
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    <PathName>resources.slb.intranet</PathName>  
  >  
  <OptionLabel>  
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```

```
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port, use this port to access applications from the intranet.</
OptionDescription>
</ConfigOption>
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>
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rity>
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intranet SLB</OptionDescription>
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>
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rity>
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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>
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```

```
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the application reverse proxy port</OptionDescription>
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the load balancer.</OptionDescription>
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```

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the load balancing instance.</OptionDescription>  
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>  
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rity>  
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OptionDescription>  
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rity>  
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paybytraffic"]</ValueOptions>  
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of the SLB instance can be charged by bandwidth or by flow meter.</  
OptionDescription>  
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<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>
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<PathName>resources.rds</PathName>
```

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    <OptionLabel>Zone</OptionLabel>
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    <OptionName>vSwitches</OptionName>
    <OptionLabel>Zone and VSwitch</OptionLabel>
  >
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  <OptionDescription>Please select the zone and switch where the RDS instance is located (the star-marked switch is the default switch for the current environment)</OptionDescription>
  </ConfigOption>
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```

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rity>
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<MinLength>0</MinLength>
<OptionDescription>RDS supports database
types such as MySQL, PostgreSQL, SQL Server, MariaDB TX, and PPAS (
PostgreSQL Plus Advanced Server, highly compatible Oracle Database).</
OptionDescription>
</ConfigOption>
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database engine version for your business needs</OptionDescription>
</ConfigOption>
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rity>
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<MinLength>0</MinLength>
<OptionDescription>To meet the needs of
different scenarios, cloud database RDS offers three types of data
```

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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 href="http://help.aliyun.com/knowledge\_detail/69795.html" target="\_blank">
Storage type</a>.</OptionDescription>
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<OptionDescription>Choose the right
storage size for your business needs (in GB)</OptionDescription>
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<OptionLabel>Instance Class</OptionLabel>
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<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 <a href="http://help.aliyun.com/knowledge\_detail/57184.html" target="\_blank">Instance Specification Family</a>.
</OptionDescription>
</ConfigOption>
<ConfigOption>
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<OptionLabel>Database Name</OptionLabel>
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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 exists.</OptionDescription>
</ConfigOption>
<ConfigOption>
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<OptionLabel>Character Set</OptionLabel>
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<ReadonlyOption>false</ReadonlyOption>
<MaxLength>64</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The character set of the database, MySQL and MariaDB by default takes utf8mb4, SQL Server by default takes Chinese-PRC-CI-AS</OptionDescription>
</ConfigOption>
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<OptionName>accountName</OptionName>
<OptionLabel>Account Name</OptionLabel>
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<ReadonlyOption>false</ReadonlyOption>
<MaxLength>32</MaxLength>
<ValueOptions></ValueOptions>
<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>The database account. Under the purchasing scenario, Web+ will help you create and maintain
```

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this account on the instance, and under the import scenario you need  
to ensure that the account is correct.</OptionDescription>  
    </ConfigOption>  
    <ConfigOption>  
        <MinValue>-1</MinValue>  
        <ValueType>String</ValueType>  
        <RegexPattern></RegexPattern>  
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        <RegexDesc></RegexDesc>  
        <PathName>resources.rds</PathName>  
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        <OptionLabel>Password</OptionLabel>  
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        <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>  
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        <OptionLabel>Category</OptionLabel>  
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rity>  
        <ReadonlyOption>false</ReadonlyOption>  
        <MaxLength>1024</MaxLength>  
        <ValueOptions></ValueOptions>  
        <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="http://  
help.aliyun.com/document_detail/55665.html">Overview of the product  
line</a>. </OptionDescription>  
    </ConfigOption>  
    <ConfigOptions>  
        <PathLabel>Cloud Database RDS</PathLabel>  
        <PathName>resources.rds</PathName>  
    </ConfigPath>  
    </ConfigPaths>  
</ConfigGroup>  
<ConfigGroup>  
    <GroupName>application</GroupName>  
    <GroupLabel>Application</GroupLabel>  
    <ConfigPaths>
```

```
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            <DefaultValue>8080</DefaultValue>
            <.MaxValue>65535</.MaxValue>
            <RegexDesc></RegexDesc>
            <PathName>application.option</PathName>
            <OptionName>port</OptionName>
            <OptionLabel>Server Port</OptionLabel>
            <ChangeSeverity>No INTERRUPTION</ChangeSeverity>
        </ConfigOption>
        <ConfigOption>
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            <ValueType>Integer</ValueType>
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            <EditorType>{"component": "NumberPicker", "props": {}}</EditorType>
            <DefaultValue>1024</DefaultValue>
            <.MaxValue>65535</.MaxValue>
            <RegexDesc></RegexDesc>
            <PathName>application.option</PathName>
            <OptionName>maxStartDuration</OptionName>
            <OptionLabel>Application Max Start Duration (Seconds)</OptionLabel>
            <ChangeSeverity>No INTERRUPTION</ChangeSeverity>
        </ConfigOption>
        <ConfigOption>
            <MinValue>0</MinValue>
            <ValueType>Integer</ValueType>
            <RegexPattern></RegexPattern>
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            <DefaultValue>180</DefaultValue>
            <.MaxValue>180</.MaxValue>
            <RegexDesc></RegexDesc>
            <PathName>application.option</PathName>
            <OptionName>maxStartDuration</OptionName>
            <OptionLabel>Application Max Start Duration (Seconds)</OptionLabel>
            <ChangeSeverity>No INTERRUPTION</ChangeSeverity>
        </ConfigOption>
        <ConfigOptions>
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                        <ValueType>String</ValueType>
                        <RegexPattern></RegexPattern>
                        <EditorType>{"component": "Select", "props": {}}</EditorType>
                    </ConfigOption>
                </ConfigOptions>
            </ConfigPath>
        </ConfigOptions>
    </ConfigPath>
</ConfigOptions>
<PathLabel>General</PathLabel>
<PathName>application.option</PathName>
</ConfigPath>
```

```
<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 HTTP, Web+ will periodically send health check requests to the application's service port to determine if the application is healthy.</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
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<.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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<.MaxValue>30</.MaxValue>
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<PathName>application.healthCheck</PathName>
<OptionName>retryCount</OptionName>
<OptionLabel>Health Check Retry Count</OptionLabel>
<ChangeSeverity>NoInterruption</ChangeSeverity>
```

```
<ReadonlyOption>false</ReadonlyOption>
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<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>
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PathName>
Seconds)</OptionLabel>
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    rity>
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        <ValueOptions></ValueOptions>
        <HiddenOption>false</HiddenOption>
        <MinLength>0</MinLength>
        <OptionDescription>When an inspection
fails, the interval to the next health check is long.</OptionDesc
ription>
</ConfigOption>
<ConfigOption>
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PathName>
)</OptionLabel>
    <ChangeSeverity>NoInterruption</ChangeSeve
    rity>
        <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>
</ConfigOptions>
<PathLabel>Health Check</PathLabel>
<PathName>application.healthCheck</PathName>
</ConfigPath>
<ConfigPath>
<HiddenPath>true</HiddenPath>
```

```
<ConfigOptions>
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        <RegexPattern></RegexPattern>
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    {}</EditorType>
        <DefaultValue></DefaultValue>
        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>application.commands</PathName>
        <OptionName>start</OptionName>
        <OptionLabel>Start Command</OptionLabel>
        <ChangeSeverity>No INTERRUPTION</ChangeSeve
    rity>
        <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>
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        <ValueType>String</ValueType>
        <RegexPattern></RegexPattern>
        <EditorType>{"component":"Editor","props":"
    {}</EditorType>
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        <MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>application.commands</PathName>
        <OptionName>stop</OptionName>
        <OptionLabel>Stop Command</OptionLabel>
        <ChangeSeverity>No INTERRUPTION</ChangeSeve
    rity>
        <ReadonlyOption>false</ReadonlyOption>
        <MaxLength>1024</MaxLength>
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        <HiddenOption>false</HiddenOption>
        <MinLength>0</MinLength>
        <OptionDescription>Web+ uses this command
    to stop the application</OptionDescription>
    </ConfigOption>
    </ConfigOptions>
    <PathLabel>Commands</PathLabel>
    <PathName>application.commands</PathName>
</ConfigPath>
<ConfigPath>
    <HiddenPath>true</HiddenPath>
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            <RegexPattern></RegexPattern>
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    {}</EditorType>
            <DefaultValue></DefaultValue>
            <MaxValue>-1</MaxValue>
            <RegexDesc></RegexDesc>
            <PathName>hooks</PathName>
            <OptionName>prestart</OptionName>
            <OptionLabel>PreStart</OptionLabel>
```

```
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<ReadonlyOption>false</ReadonlyOption>
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<OptionDescription>Web+ will call this
command before the app starts</OptionDescription>
</ConfigOption>
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<MinValue>-1</MinValue>
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<.MaxValue>-1</.MaxValue>
<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
<OptionName>poststart</OptionName>
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<HiddenOption>false</HiddenOption>
<MinLength>0</MinLength>
<OptionDescription>Web+ will call this
command after the app launches</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
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<RegexPattern></RegexPattern>
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<.MaxValue>-1</.MaxValue>
<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
<OptionName>prestop</OptionName>
<OptionLabel>PreStop</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 before the application stops</OptionDescription>
</ConfigOption>
<ConfigOption>
<MinValue>-1</MinValue>
<ValueType>String</ValueType>
<RegexPattern></RegexPattern>
<EditorType>{"component":"Editor","props":{}}
</EditorType>
<DefaultValue></DefaultValue>
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<RegexDesc></RegexDesc>
<PathName>hooks</PathName>
```

```
        <OptionName>poststop</OptionName>
        <OptionLabel>PostStop</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
        <ReadonlyOption>false</ReadonlyOption>
        <MaxLength>1024</MaxLength>
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        <MinLength>0</MinLength>
        <OptionDescription>Web+ will call this command after the app has stopped</OptionDescription>
    </ConfigOption>
    <ConfigOption>
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        <ValueType>String</ValueType>
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        <.MaxValue>-1</MaxValue>
        <RegexDesc></RegexDesc>
        <PathName>hooks</PathName>
        <OptionName>postinit</OptionName>
        <OptionLabel>Postinit</OptionLabel>
        <ChangeSeverity>NoInterruption</ChangeSeverity>
    </ConfigOption>
    <ConfigOption>
        <MinValue>-1</MinValue>
        <MaxLength>1024</MaxLength>
        <ValueOptions></ValueOptions>
        <HiddenOption>false</HiddenOption>
        <MinLength>0</MinLength>
        <OptionDescription>Web+ will call this command when the application is initialized</OptionDescription>
    </ConfigOption>
</ConfigOptions>
<PathLabel>Hooks</PathLabel>
<PathName>hooks</PathName>
</ConfigPath>
<ConfigPath>
    <HiddenPath>false</HiddenPath>
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            <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>
    </ConfigOptions>
    <PathLabel>Startup options</PathLabel>
    <PathName>application.environmentVariables</
PathName>
    </ConfigPath>
    <ConfigPath>
        <HiddenPath>false</HiddenPath>
        <ConfigOptions>
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                <RegexPattern></RegexPattern>
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":{}</EditorType>
                <DefaultValue></DefaultValue>
                <.MaxValue>-1</.MaxValue>
                <RegexDesc></RegexDesc>
                <PathName>application.jvmOpts</PathName>
                <OptionName>value</OptionName>
                <OptionLabel>JVM Options</OptionLabel>
                <ChangeSeverity>NoInterruption</ChangeSeve
rity>
                <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>
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                <ValueType>String</ValueType>
                <RegexPattern></RegexPattern>
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props":{}</EditorType>
                <DefaultValue></DefaultValue>
                <.MaxValue>-1</.MaxValue>
                <RegexDesc></RegexDesc>
                <PathName>application.tomcatServerXml</
PathName>
                <OptionName>serverConfig</OptionName>
                <OptionLabel>Tomcat Configuration File</
OptionLabel>
                <ChangeSeverity>NoInterruption</ChangeSeve
rity>
                <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>
        </ConfigOptions>
        <PathLabel>Tomcat Configuration</PathLabel>
```

```
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RegexPattern>
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            <.MaxValue>-1</.MaxValue>
            <RegexDesc></RegexDesc>
            <PathName>application.package</PathName>
            <OptionName>label</OptionName>
            <OptionLabel>Package Label</OptionLabel>
            <ChangeSeverity>NoInterruption</ChangeSeve
rity>
            <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.</OptionDesc
ription>
        </ConfigOption>
        <ConfigOption>
            <MinValue>-1</MinValue>
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                <.MaxValue>-1</.MaxValue>
                <RegexDesc></RegexDesc>
                <PathName>application.package</PathName>
                <OptionName>storageKey</OptionName>
                <OptionLabel>Package File Name</OptionLabe
l>
                <ChangeSeverity>NoInterruption</ChangeSeve
rity>
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                <HiddenOption>true</HiddenOption>
                <MinLength>0</MinLength>
                <OptionDescription>Web+ will deploy this
file to the ECS instance.</OptionDescription>
            </ConfigOption>
            <ConfigOption>
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                <RegexPattern></RegexPattern>
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                    <.MaxValue>-1</.MaxValue>
                    <RegexDesc></RegexDesc>
                    <PathName>application.package</PathName>
                    <OptionName>url</OptionName>
                    <OptionLabel>Package URL</OptionLabel>
```

```

<ChangeSeverity>NoInterruption</ChangeSeverity>
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<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": [
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                    "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":[
{
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"ValueType":"JSON",
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\":{}},",
"DefaultValue":"{\\"vpcId\\\":\\\"vpc-wz9e6y22o3o91nuy****\\\",\\\"vSwitches\\\":[\\"vsw-wz9gfawx1vxkmtj****\\\"]}",
"RegexDesc":"",
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"OptionName":"vpcOption",
"OptionLabel":"Network Options",
"ChangeSeverity":"No Interruption",
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"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":"",
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"DefaultValue": "[\\\"ecs.t5-****.small\\\",\\\"ecs.xn4.small\\\",\\\"ecs.n1.tiny\\\",\\\"ecs.g5.large\\\"]",
"RegexDesc":"",
".MaxValue": -1,
"MinValue": -1
}
]
}
]
```

```
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"OptionName": "instanceType",
"OptionLabel": "Instance Type",
"ChangeSeverity": "No INTERRUPTION",
"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",
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"OptionLabel": "Instance Name",
"ChangeSeverity": "No INTERRUPTION",
"ReadOnlyOption": false,
"MaxLength": 128,
"ValueOptions": "",
"HiddenOption": true,
"MinLength": 1,
"OptionDescription": "Instance name used"
},
{
"MinValue": 0,
"ValueType": "Integer",
"RegexPattern": "",
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"DefaultValue": "1",
"RegexDesc": "",
".MaxValue": 100,
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"OptionLabel": "Instance Number",
"ChangeSeverity": "No INTERRUPTION",
"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": "",
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"DefaultValue": "[]",
"PathName": "resources.ecs.securityGroups",
"OptionName": "securityGroups",
"OptionLabel": "Security Groups",
"ChangeSeverity": "No INTERRUPTION",
"ReadOnlyOption": false,
```

```
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"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,
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"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "RAM role name used by ECS instances created by Web+"
},
{
".MinValue": -1,
"ValueType": "String",
"RegexPattern": "",
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"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,
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"PathName": "resources.ecs.autoScaling",
"OptionName": "scalingPolicy",
"OptionLabel": "Scaling Policy",
"ChangeSeverity": "NoInterruption",
"ReadOnlyOption": false,
"MaxLength": 16,
"ValueOptions": "[{\\"value\\": \"recycle\", \\"label\\": \"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}\"}, {\\"value\\": \"release\", \\"label\\": \"{{webx.configvalue.resources-ecs-autoScaling.scalingPolicy.recycle.msg}}\"]]",
"HiddenOption": true,
"MinLength": 0,
"OptionDescription": "Recycling mode when the ECS instance is shrunk, optional release mode or shutdown recovery mode."
},
{
    "MinValue": -1,
    "ValueType": "String",
    "RegexPattern": "",
    "EditorType": "{\"component\": \"Input\", \"props\": {}}",
    "DefaultValue": "",
    "RegexDesc": "",
    "MaxValue": -1,
    "PathName": "resources.ecs.autoScaling",
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    "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",
    "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",
}
```

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"OptionLabel":"System Disk Size",
"ChangeSeverity":"No INTERRUPTION",
"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":"No INTERRUPTION",
"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":"No INTERRUPTION",
"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,
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"PathName": "resources.ecs.autoScaling",
"OptionName": "enableInternet",
"OptionLabel": "Enable Public IP",
"ChangeSeverity": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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": "",
```

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    "RegexDesc": "",  
    ".MaxValue": 100,  
    "PathName": "resources.ecs.autoScaling",  
    "OptionName": "internetMaxBandwidthOut",  
    "OptionLabel": "Max Bandwidth Outbound",  
    "ChangeSeverity": "No INTERRUPTION",  
    " 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": "No INTERRUPTION",  
    " 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": "No INTERRUPTION",  
    " 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"  
},  
{
```

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"HiddenPath":false,
"ConfigOptions": [
    "ConfigOption": [
        {
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            "RegexPattern": "",
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            "DefaultValue": "false",
            "RegexDesc": "",
            "MaxValue": -1,
            "PathName": "resources.slb.internet",
            "OptionName": "enable",
            "OptionLabel": "Enable Internet SLB",
            "ChangeSeverity": "No INTERRUPTION",
            " 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": "No INTERRUPTION",
            " 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": "No INTERRUPTION",
            " ReadonlyOption": false,
            "MinLength": 0
        }
    ]
}
```

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"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": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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": "No INTERRUPTION",
"ReadOnlyOption": true,
```

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"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\":{}}"
            }
        ]
    }
}
```

```
"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",
```

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"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,
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```
"PathName": "resources.slb.intranet",
"OptionName": "loadBalancerSpec",
"OptionLabel": "Load Balancer Spec",
"ChangeSeverity": "No Interruption",
"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": "No Interruption",
    "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": "No Interruption",
    "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",
                "OptionLabel": "是否开启健康检查"
            }
        ]
    }
}
```

```
"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,
    "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": "No INTERRUPTION",  
    " 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": "No INTERRUPTION",  
    " ReadonlyOption": false,  
    "MaxLength": 1024,  
    "ValueOptions": "",  
    "HiddenOption": false,  
    "MinLength": 0,  
    "OptionDescription": "Please select the zone and switch where  
the RDS instance is located (the star-marked 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": "No INTERRUPTION",  
    " 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": "",
            "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
        }
    ]
}
```

```
        "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. 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
<a target=\"_blank\" href=\"//help.aliyun.com/knowledge_detail/57184.
html\">Instance Specification Family</a>."
    },
    {
        "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": "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>."
    }
]
},
"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": "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."
}
]
}
]
```

```
"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 HTTP, Web+ will periodically send
health check requests to the application's service port to determine
if the application 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)",
    "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":"No INTERRUPTION",
                "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":"No INTERRUPTION",
                "ReadonlyOption":false,
                "MaxLength":1024,
                "ValueOptions":"",
                "HiddenOption":false,
                "MinLength":0,
                "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": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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": "No INTERRUPTION",
"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\": \"KVLListEditor\", \"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": "No Interruption",
        " 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": "No Interruption",
        " 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": "No Interruption",
        " 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-5d3eaaea29 77ca5251e*****	环境ID

名称	类型	是否必选	示例值	描述
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
ConfigOption			配置可选项
ChangeSeverity	String	NoInterruption	变更重要性
DefaultValue	String	8080	默认值
EditorType	String	{"component": "NumberPicker", "props": {}}	编辑类型
HiddenOption	Boolean	false	是否为隐藏选项
MaxLength	Integer	-1	最大长度

名称	类型	示例值	描述
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
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

名称	类型	示例值	描述
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-F0C2AAD*****	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 declared 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

名称	类型	示例值	描述
StartTime	String	1557911256210	该变更的开始执行时间戳
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&lt;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
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
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。

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。

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-5d3fabad56 fd7c14ac9*****	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
ChangeId	String	wc-5d3fabad56 fd7c14ac9*****	变更ID
EnvId	String	we-5d39b8ba67 86bd4b149*****	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
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-5d245f7f1f 773f090a0d****	环境ID，将查询此环境内所有变更信息
ChangeId	String	否	wc-5d245f94f3 14934e2ab1 ****	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
ActionName	String	Apply	变更操作名称

名称	类型	示例值	描述
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
ChangeSucceeded	Boolean	true	变更是否成功
ChangeTimetout	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
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

名称	类型	是否必选	示例值	描述
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
ChangeSucceeded	Boolean	true	变更是否成功
ChangeTime dout	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

名称	类型	示例值	描述
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-5d1d9d8c85 c7f86e2ef*****	应用ID
EnvId	String	we-5d1dac8e08 350d1dd94*****	环境ID
EnventName	String	envName	事件名称
EventId	String	we-5d39b8ba67 86bd4b149*****	事件ID
EventLevel	String	INFO	事件等级
EventMessage	String	Change wc- 5d39b8bc67 86bd4b149***** 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-5d1dac8e08 350d1dd94*****	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-wz9e6y22o3 o91nuy*****	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	1036052989 950239	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-5d1dac8f08 350d1dd94*****	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</EventMessage>
        <EnvId>we-5d39b8ba6786bd4b149*****</EnvId>
        <EventTimestamp>156406404112</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": 156406404112,
                "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。

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