

Alibaba Cloud 云解析 PrivateZone

OpenApi

Issue: 20200220

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Document conventions

Style	Description	Example
	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type.
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{} or {a b}	This format is used for a required value, where only one item can be selected.	switch { <i>active</i> <i>stand</i> }

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1 API Reference

1.1 List of operations by function

The following tables list API operations available for use in Alibaba Cloud DNS PrivateZone.

Manage private zones

Operation	Description
<i>DescribeUserServiceStatus</i>	Queries the status of the Alibaba Cloud DNS PrivateZone service under the current Alibaba Cloud account, for example, whether the service is enabled, or whether the account has overdue payments.
<i>DescribeZones</i>	Queries the list of private zones.
<i>AddZone</i>	Creates a private zone.
<i>CheckZoneName</i>	Verifies whether the name of a private zone is valid.
<i>UpdateZoneRemark</i>	Modifies the description of a private zone.
<i>DescribeZoneInfo</i>	Queries the details of a private zone.
<i>DeleteZone</i>	Deletes a private zone.
<i>DescribeRegions</i>	Queries the region list.
<i>BindZoneVpc</i>	Attaches private zones to VPCs or detaches private zones from VPCs.
<i>SetProxyPattern</i>	Configures a recursive DNS proxy.
<i>DescribeZoneVpcTree</i>	Queries the list of private zones and the corresponding VPCs to which the private zones are attached.

Manage DNS records

Operation	Description
<i>AddZoneRecord</i>	Adds a DNS record for a private zone.
<i>UpdateZoneRecord</i>	Modifies a DNS record.
<i>DeleteZoneRecord</i>	Deletes a DNS record.
<i>DescribeZoneRecords</i>	Queries the list of DNS records.

Operation	Description
SetZoneRecordStatus	Configures the status of a DNS record.
DescribeChangeLogs	Queries operations logs.
UpdateRecordRemark	Modifies the description of a DNS record.

Manage query volume

Operation	Description
DescribeStatisticSummary	Retrieves the statistics of queries for the previous day.
DescribeRequestGraph	Retrieves query volume.

1.2 Manage private zones

1.2.1 DescribeUserServiceStatus

Queries the status of the Alibaba Cloud DNS PrivateZone service under the current Alibaba Cloud account, for example, whether the service is enabled and whether the account has overdue payments.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeUserServiceStatus	The operation that you want to perform. Set the value to DescribeUserServiceStatus.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RequestId	String	99626905-678A-4E8A-984E-6AEB09993996	The ID of the request.
Status	String	OPENED	The status of the Alibaba Cloud DNS PrivateZone service. Valid values: <ul style="list-style-type: none">• CLOSED: indicates that the service is disabled.• OPENED: indicates that the service is enabled.• IN_DEBT: indicates that the current account has overdue payments.• IN_DEBT_OVER_DUE: indicates that overdue payments are not paid within the required period.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=DescribeUserServiceStatus
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeUserServiceStatusResponse>
  <Status>OPENED</Status>
  <RequestId>9EA7F720-B7C0-45C1-9CF4-B6A5A1179B68</RequestId>
</DescribeUserServiceStatusResponse>
```

JSON format

```
{
  "Status": "CLOSED",
  "RequestId": "99626905-678A-4E8A-984E-6AEB09993996"
```

```
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.2 CheckZoneName

Verifies whether the name of a private zone is valid.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	CheckZoneName	The operation that you want to perform. Set the value to CheckZoneName.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
ZoneName	String	No	demo.com	The name of the private zone.

Response parameters

Parameter	Type	Example	Description
Check	Boolean	true	Indicates whether the name of the private zone is valid. Valid values: <ul style="list-style-type: none">true: valid.false: invalid.
RequestId	String	CA29B88F-A571-4123-80D5-768AC2F7F806	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=CheckZoneName
&ZoneName=demo.com
&<Common request parameters>
```

Sample success responses

XML format

```
<CheckZoneNameResponse>
  <Check>true</Check>
  <RequestId>CA29B88F-A571-4123-80D5-768AC2F7F806</RequestId>
</CheckZoneNameResponse>
```

JSON format

```
{
  "Check":true,
  "RequestId":"0AF4FE63-5904-4E62-B1AC-B36810377811"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.3 AddZone

Creates a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	AddZone	The operation that you want to perform. Set the value to AddZone.
Lang	String	No	en	The language.

Parameter	Type	Required	Example	Description
ProxyPattern	String	No	ZONE	<ul style="list-style-type: none"> ZONE: indicates that the recursive DNS proxy is disabled. RECORD: indicates that the recursive DNS proxy is enabled.
ResourceGroupId	String	No	rg-resourcegroup1	The ID of the resource group.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
ZoneName	String	No	demo.com	The name of the zone.

Response parameters

Parameter	Type	Example	Description
RequestId	String	46973D4C-E3E4-4ABA-9190-9A9DE406C7E	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.
ZoneId	String	AgIDE1MQ_151	The ID of the zone.
ZoneName	String	demo.com	The name of the zone.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=AddZone
&ZoneName=demo.com
&<Common request parameters>
```

Sample success responses

XML format

```
<AddZoneResponse>
  <ZoneName>demo.com</ZoneName>
  <RequestId>0C9959BE-3A6A-4803-8DCE-973B42ACD599</RequestId>
  <ZoneId>AgIDE1MA_150</ZoneId>
```

```
</AddZoneResponse>
```

JSON format

```
{
  "ZoneName": "demo.com",
  "RequestId": "46973D4C-E3E4-4ABA-9190-9A9DE406C7EE",
  "ZoneId": "AgIDE1MQ_151"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.4 DeleteZone

Deletes a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteZone	The operation that you want to perform. Set the value to DeleteZone.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
ZoneId	String	No	AgIDE1MA_150	The ID of the private zone.

Response parameters

Parameter	Type	Example	Description
RequestId	String	E246E023-F2EB-4034-83F7-B13FCF31459C	The ID of the request.
ZoneId	String	AgIDE1MA_150	The ID of the private zone.

Examples

Sample requests

```
http(s)://pvtz.aliyuncs.com/? Action=DeleteZone
&<Common request parameters>
```

Sample success responses

XML format

```
<DeleteZoneResponse>
  <RequestId>B5174E6E-0AA6-4524-BCE4-603DED055319</RequestId>
  <ZoneId>AgIDE1MA_151</ZoneId>
</DeleteZoneResponse>
```

JSON format

```
{
  "RequestId": "3852E9B7-417E-40C6-AD98-B691CA82C4F4",
  "ZoneId": "AgIDE1MA_150"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.5 BindZoneVpc

Attaches private zones to VPCs or detaches private zones from VPCs.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	BindZoneVpc	The operation that you want to perform. Set the value to BindZoneVpc.
ZoneId	String	Yes	AgIDE00Q_149	The unique ID of the private zone.

Parameter	Type	Required	Example	Description
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
Vpcs.N. RegionId	String	No	cn-beijing	The region ID of the VPC.
Vpcs.N.VpcId	String	No	daily-vpc-id	The ID of the VPC.

Response parameters

Parameter	Type	Example	Description
RequestId	String	46973D4C-E3E4-4ABA-9190-9A9DE406C7E	The ID of the request.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=BindZoneVpc
&ZoneId=AgIDE00Q_149
&Vpcs.1.VpcId=daily-vpc-id
&<Common request parameters>
```

Sample success responses

XML format

```
<BindZoneVpcResponse>
  <RequestId>12FE6E98-3885-423E-B18B-88CC17052A31</RequestId>
</BindZoneVpcResponse>
```

JSON format

```
{
  "RequestId": "CC7C8C8C-F415-4FA5-9FA6-7894E07B27E4"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.6 DescribeRegions

Queries the region list.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeRegions	The operation that you want to perform. Set the value to DescribeRegions.
AcceptLanguage	String	No	zh-CN	The supported languages. Valid values: <ul style="list-style-type: none"> zh-CN: Chinese. en-US: English. ja:Japanese.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
Regions	Array		The list of regions.
Region			The information about a region.
LocalName	String	华北2（北京）	The Chinese name of the region.
RegionEndpoint	String	pvtz.aliyuncs.com	The endpoint of Alibaba Cloud DNS PrivateZone in the region.
RegionId	String	cn-shenzhen	The ID of the region.

Parameter	Type	Example	Description
RegionName	String	China South 1	The name of the region.
RequestId	String	AF7D4DCE-0776-47F2-A9B2-6FB85A87AA60	The ID of the request.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=DescribeRegions
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeRegionsResponse>
  <RequestId>AF7D4DCE-0776-47F2-A9B2-6FB85A87AA60</RequestId>
  <Regions>
    <Region>
      <RegionName>China North 2</RegionName>
      <RegionId>cn-beijing</RegionId>
    </Region>
    <Region>
      <RegionName>China South 1</RegionName>
      <RegionId>cn-shenzhen</RegionId>
    </Region>
  </Regions>
</DescribeRegionsResponse>
```

JSON format

```
{
  "RequestId": "8043FAEA-4E1B-4349-AEBF-9D0FCCE5AE2F"
  "Regions": {
    "Region": [
      {
        "RegionName": "China North 2"
        "RegionId": "cn-beijing"
      },
      {
        "RegionName": "China South 1"
        "RegionId": "cn-shenzhen"
      }
    ]
  }
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.7 DescribeZoneInfo

Queries the details of a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeZoneInfo	The operation that you want to perform. Set the value to DescribeZoneInfo.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
ZoneId	String	No	AgIDE1MA_149	The ID of the zone.

Response parameters

Parameter	Type	Example	Description
BindVpcs	Array		The list of the VPCs to which the private zone is attached.
Vpc			The information about a VPC.
RegionId	String	1304	The ID of the region.
RegionName	String	1304	The name of the region.
ReionId	String	1304	The ID of the region.
VpcId	String	daily-vpc-id	The ID of the VPC.
VpcName	String	daily-vpc-name	The name of the VPC.

Parameter	Type	Example	Description
CreateTime	String	2018-01-23T03:15Z	The time when the private zone was created.
CreateTime stamp	Long	1516775741000	The timestamp when the private zone was created.
IsPtr	Boolean	false	<ul style="list-style-type: none"> · true: indicates that the private zone is a reverse lookup zone. · false: indicates that the private zone is not a reverse lookup zone.
ProxyPattern	String	ZONE	<ul style="list-style-type: none"> · ZONE: indicates that the recursive DNS proxy for the private zone is disabled. · RECORD: indicates that the recursive DNS proxy for the private zone is enabled.
RecordCount	Integer	2	The total number of DNS records.
Remark	String	specialZone	The description.
RequestId	String	F73F41A3-B6DD-42CA-A793-FFF93277835D	The ID of the request.
SlaveDns	Boolean	true	<p>Indicates whether the secondary DNS service is enabled. Valid values:</p> <ul style="list-style-type: none"> · true: indicates that the secondary DNS service is enabled. · false: indicates that the secondary DNS service is disabled.
UpdateTime	String	2018-01-24T06:35Z	The time when the private zone was updated.

Parameter	Type	Example	Description
UpdateTime stamp	Long	1516775741000	The timestamp when the private zone was updated.
ZoneId	String	AgIDE00Q_149<	The ID of the private zone.
ZoneName	String	test.com	The name of the private zone.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=DescribeZoneInfo
&ZoneId=AgIDE1MA_149
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeZoneInfoResponse>
  <ZoneName>niu.com</ZoneName>
  <IsPtr>>false</IsPtr>
  <CreateTimestamp>1516677356000</CreateTimestamp>
  <RecordCount>2</RecordCount>
  <BindVpcs>
    <Vpc>
      <VpcName>daily-vpc-name</VpcName>
      <RegionName>1304</RegionName>
      <ReionId>1304</ReionId>
      <VpcId>daily-vpc-id</VpcId>
    </Vpc>
  </BindVpcs>
  <UpdateTimeStamp>1516775741000</UpdateTimeStamp>
  <CreateTime>2018-01-23T03:15Z</CreateTime>
  <RequestId>F73F41A3-B6DD-42CA-A793-FFF93277835D</RequestId>
  <UpdateTime>2018-01-24T06:35Z</UpdateTime>
  <ZoneId>AgIDE00Q_149</ZoneId>
  <Remark>specialZone</Remark>
</DescribeZoneInfoResponse>
```

JSON format

```
{
  "ZoneName": "niu.com",
  "CreateTimestamp": 1516677356000,
  "IsPtr": false,
  "RecordCount": 2,
  "BindVpcs": {
    "Vpc": [
      {
        "VpcName": "daily-vpc-name",
        "RegionName": "1304",
```

```

    "ReionId": "1304",
    "VpcId": "daily-vpc-id",
  }
},
"RequestId": "29D0F8F8-5499-4F6C-9FDC-1EE13BF55925",
"CreateTime": "2018-01-23T03:15Z",
"UpdateTimestamp": 1516775741000,
"UpdateTime": "2018-01-24T06:35Z",
"ZoneId": "AgIDE00Q_149",
"Remark": "specialZone",
}

```

Error codes

HTTP status code	Error code	Error message	Description
400	Zone.Invalid.Id	Zone id is invalid.	The error message returned because the ID of the private zone is invalid.

For a list of error codes, visit the [API Error Center](#).

1.2.8 DescribeZones

Queries the list of private zones.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeZones	The operation that you want to perform. Set the value to DescribeZones.

Parameter	Type	Required	Example	Description
Keyword	String	No	test	The keyword that is used for querying private zones. The following format is used during queries: %Keyword%. The keyword is case insensitive.
Lang	String	No	en	The language.
PageNumber	Integer	No	1	The number of the page to return. Pages start from page 1. Default value: 1.
PageSize	Integer	No	100	The number of entries to return on each page. Maximum value: 100. Default value: 20.
QueryRegionId	String	No	cn-hangzhou	The ID of the region.
QueryVpcId	String	No	vpc-xxxxx	The ID of the VPC.
ResourceGroupId	String	No	rg-xxxxx	The ID of the resource group.
SearchMode	String	No	LIKE	The search method. Valid values: <ul style="list-style-type: none"> LIKE: fuzzy search. EXACT: exact search. Default value: EXACT.

Response parameters

Parameter	Type	Example	Description
PageNumber	Integer	1	The page number of the returned page.

Parameter	Type	Example	Description
PageSize	Integer	20	The number of entries returned per page.
RequestId	String	6856BCF6-11D6-4D7E-AC53-FD579933522B	The ID of the request.
TotalItems	Integer	3	The total number of entries.
TotalPages	Integer	3	The total number of pages.
Zones	Array		The list of private zones.
Zone			The information about a private zone.
CreateTime	String	2017-12-28T13:08Z	The time when the private zone was created.
CreateTime stamp	Long	1514466483000	The timestamp when the private zone was created.
IsPtr	Boolean	true	<ul style="list-style-type: none"> • true: indicates that the private zone is a reverse lookup zone. • false: indicates that the private zone is not a reverse lookup zone.
ProxyPattern	String	ZONE	<ul style="list-style-type: none"> • ZONE: disables the recursive DNS proxy for the private zone. • RECORD: enables the recursive DNS proxy for the private zone.
RecordCount	Integer	2	The number of DNS records.
Remark	String	test	The description of the private zone.
UpdateTime	String	2018-01-03T08:57Z	The time when the private zone was updated.

Parameter	Type	Example	Description
UpdateTime stamp	Long	1514969843000	The timestamp when the private zone was updated.
ZoneId	String	ICAgICAgI_24	The ID of the zone.
ZoneName	String	test.com	The name of the zone.

Examples

Sample requests

```
http(s)://pvtz.aliyuncs.com/? Action=DescribeZones
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeZonesResponse>
  <PageNumber>1</PageNumber>
  <PageSize>20</PageSize>
  <RequestId>42532529-0608-4B9B-81EC-BFA995B1AC2C</RequestId>
  <TotalItems>22</TotalItems>
  <TotalPages>2</TotalPages>
  <Zones>
    <Zone>
      <ZoneName>niu.com</ZoneName>
      <IsPtr>>false</IsPtr>
      <CreateTimestamp>1516677356000</CreateTimestamp>
      <RecordCount>2</RecordCount>
      <UpdateTimestamp>1516775741000</UpdateTimestamp>
      <CreateTime>2018-01-23T03:15Z</CreateTime>
      <UpdateTime>2018-01-24T06:35Z</UpdateTime>
      <ZoneId>AgIDE00Q_149</ZoneId>
      <Remark>specialZone</Remark>
    </Zone>
    <Zone>
      <ZoneName>walpole.test</ZoneName>
      <IsPtr>>false</IsPtr>
      <CreateTimestamp>1516635773000</CreateTimestamp>
      <RecordCount>3</RecordCount>
      <UpdateTimestamp>1516637934000</UpdateTimestamp>
      <CreateTime>2018-01-22T15:42Z</CreateTime>
      <UpdateTime>2018-01-22T16:18Z</UpdateTime>
      <ZoneId>AgIDE00A_148</ZoneId>
    </Zone>
    <Zone>
      <ZoneName>zone.com</ZoneName>
      <IsPtr>>false</IsPtr>
      <CreateTimestamp>1516616030000</CreateTimestamp>
      <RecordCount>2</RecordCount>
      <UpdateTimestamp>1516622372000</UpdateTimestamp>
      <CreateTime>2018-01-22T10:13Z</CreateTime>
```

```
<UpdateTime>2018-01-22T11:59Z</UpdateTime>
<ZoneId>AgIDE0Nw_147</ZoneId>
<Remark>abc</Remark>
</Zone>
</Zones>
</DescribeZonesResponse>
```

JSON format

```
{
  "PageNumber":1,
  "PageSize":20,
  "RequestId":"6856BCF6-11D6-4D7E-AC53-FD579933522B",
  "TotalItems":3,
  "TotalPages":1,
  "Zones":[
    {
      "ZoneName":"demo111.com"
      "IsPtr":false,
      "CreateTimestamp":1514466483000,
      "RecordCount":0,
      "UpdateTimestamp":1514969843000,
      "CreateTime":"2017-12-28T13:08Z",
      "UpdateTime":"2018-01-03T08:57Z",
      "ZoneId":"ICAgICAgI_24",
      "Remark":"ddddd",
    },
    {
      "ZoneName":"demo111.com"
      "IsPtr":false,
      "CreateTimestamp":1514454600000,
      "RecordCount":0,
      "UpdateTimestamp":1514454600000,
      "CreateTime":"2017-12-28T09:50Z",
      "UpdateTime":"2017-12-28T09:50Z",
      "ZoneId":"ICAgICAgI_22",
      "Remark":"aaaa",
    }
  ]
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.9 UpdateZoneRemark

Modifies the description of a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateZoneRemark	The operation that you want to perform. Set the value to UpdateZoneRemark.
ZoneId	String	Yes	AgIDE1MA_149	The ID of the zone.
Lang	String	No	en	The language.
Remark	String	No	test	The description.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RequestId	String	C6F1D541-E7A6-447A-A2B5-9F7A20B2A8FB	The ID of the request.
ZoneId	String	AgIDE1MA_149	The ID of the zone.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?&Action=UpdateZoneRemark
&ZoneId=AgIDE1MA_149
&Remark=specialZone
&<Common request parameters>
```

Sample success responses

XML format

```
<UpdateZoneRemarkResponse>
  <RequestId>D1324D48-1E23-4AEF-9EDE-466120561C6F</RequestId>
  <ZoneId>AgIDE00Q_149</ZoneId>
</UpdateZoneRemarkResponse>
```

JSON format

```
{
```

```
"RequestId": "C6F1D541-E7A6-447A-A2B5-9F7A20B2A8FB",
"ZoneId": "AgIDE00Q_149"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.10 SetProxyPattern

Configures a recursive DNS proxy.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	SetProxyPattern	The operation that you want to perform. Set the value to SetProxyPattern.
ZoneId	String	Yes	AgIDE00Q_149	The ID of the private zone.
Lang	String	No	en	The language.
ProxyPattern	String	No	ZONE	Specifies whether to enable the recursive DNS proxy. Valid values: <ul style="list-style-type: none"> ZONE: disables the recursive DNS proxy for the private zone. RECORD: enables the recursive DNS proxy for the private zone.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RequestId	String	C6F1D541-E7A6-447A-A2B5-9F7A20B2A8FB	The ID of the request.
ZoneId	String	AgIDE00Q_149	The ID of the private zone.

Examples

Sample requests

```
http(s)://pvtz.aliyuncs.com/? Action=SetProxyPattern
&ZoneId=AgIDE00Q_149
&<Common request parameters>
```

Sample success responses

XML format

```
<SetProxyPatternResponse>
  <RequestId>D1324D48-1E23-4AEF-9EDE-466120561C6F</RequestId>
  <ZoneId>AgIDE00Q_149</ZoneId>
</SetProxyPatternResponse>
```

JSON format

```
{
  "RequestId": "C6F1D541-E7A6-447A-A2B5-9F7A20B2A8FB",
  "ZoneId": "AgIDE00Q_149"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.2.11 DescribeZoneVpcTree

Queries the list of private zones and the corresponding VPCs to which the private zones are attached.

Note: We recommend that you do not call this API operation due to its low performance. Instead, you can call the DescribeZones operation to query the list of private zones. If you want to query the corresponding VPCs to which private zones are attached, you can call the DescribeZoneInfo operation based on the IDs of the private zones.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeZoneVpcTree	The operation that you want to perform. Set the value to DescribeZoneVpcTree.
Lang	String	No	en	The language.
UserClientIp	String	No	127.0.0.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RequestId	String	7B07FBC3-3A53-4939-A3C6-2BDFE407BAB2	The ID of the request.
Zones	Array		The list of private zones.
Zone			The information about a private zone.
CreateTime	String	2019-09-18T08:20Z	The time when the private zone was created.
CreateTimeStamp	Long	1568794812000	The timestamp when the private zone was created.

Parameter	Type	Example	Description
IsPtr	Boolean	false	Indicates whether the private zone is a reverse lookup zone. Valid values: true: indicates that the private zone is a reverse lookup zone. false: indicates that the private zone is not a reverse lookup zone.
RecordCount	Integer	1	The number of DNS records.
Remark	String	demo	The description.
UpdateTime	String	2019-09-18T08:20Z	The time when the private zone was updated.
UpdateTime stamp	Long	1568794834000	The timestamp when the private zone was updated.
Vpcs	Array		The list of the VPCs to which the private zones are attached.
Vpc			The information about a VPC.
RegionId	String	cn-beijing	The ID of the region.
RegionName	String	China North 2	The name of the region.
VpcId	String	vpc-2z21341ssd adsfzyd49ra	The ID of the VPC.
VpcName	String	demo-vpc	The name of the VPC.
ZoneId	String	6d83e3b31a a60ca4aaa7 161f1b6baa95	The ID of the private zone.
ZoneName	String	localzone.demo	The name of the private zone.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=DescribeZoneVpcTree
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeZoneVpcTreeResponse>
  <RequestId>A105C920-585C-49F2-B41C-98F147CDD945</RequestId>
  <Zones>
    <Zone>
      <ZoneId>6d83e3b31aa60ca4aaa7161f1b6baa95</ZoneId>
      <ZoneName>localzone.demo</ZoneName>
      <CreateTime>2019-09-18T08:20Z</CreateTime>
      <CreateTimestamp>1568794812000</CreateTimestamp>
      <UpdateTimestamp>1568794834000</UpdateTimestamp>
      <UpdateTime>2019-09-18T08:20Z</UpdateTime>
      <IsPtr>>false</IsPtr>
      <RecordCount>1</RecordCount>
      <Vpcs>
        <Vpc>
          <VpcName>demo-vpc</VpcName>
          <RegionName>China North 2</RegionName>
          <RegionId>cn-beijing</RegionId>
          <VpcId>vpc-2z21341ssdadsfzyd49ra</VpcId>
        </Vpc>
        <Vpc>
          <VpcName>Test</VpcName>
          <RegionName>China North 2</RegionName>
          <RegionId>cn-beijing</RegionId>
          <VpcId>vpc-2ze21safadf23zyyg</VpcId>
        </Vpc>
      </Vpcs>
    </Zone>
    <Zone>
      <ZoneId>fc1fc1dfbb6a7dc85dc8caa869ccee7a</ZoneId>
      <ZoneName>0.168.192.in-addr.arpa</ZoneName>
      <CreateTime>2019-10-15T03:47Z</CreateTime>
      <CreateTimestamp>1571111261000</CreateTimestamp>
      <UpdateTime>2019-10-15T03:47Z</UpdateTime>
      <UpdateTimestamp>1571111261000</UpdateTimestamp>
      <IsPtr>>true</IsPtr>
      <RecordCount>0</RecordCount>
      <Vpcs>
      </Vpcs>
    </Zone>
  </Zones>
</DescribeZoneVpcTreeResponse>
```

JSON format

```
{
  "RequestId": "A105C920-585C-49F2-B41C-98F147CDD945",
  "Zones": {
    "Zone": [
```

```
{
  "ZoneName": "localzone.demo",
  "IsPtr": false,
  "CreateTimestamp": 1568794812000,
  "Vpcs": {
    "Vpc": [
      {
        "VpcName": "demo-vpc",
        "RegionName": "China North 2",
        "RegionId": "cn-beijing",
        "VpcId": "vpc-2z21341ssdadsfzyd49ra"
      },
      {
        "VpcName": "Test",
        "RegionName": "China North 2",
        "RegionId": "cn-beijing",
        "VpcId": "vpc-2ze21safadf23zyyg"
      }
    ]
  },
  "RecordCount": 1,
  "UpdateTimestamp": 1568794834000,
  "CreateTime": "2019-09-18T08:20Z",
  "UpdateTime": "2019-09-18T08:20Z",
  "ZoneId": "6d83e3b31aa60ca4aaa7161f1b6baa95"
},
{
  "ZoneName": "0.168.192.in-addr.arpa",
  "IsPtr": true,
  "CreateTimestamp": 1571111261000,
  "Vpcs": {
    "Vpc": []
  },
  "RecordCount": 0,
  "UpdateTimestamp": 1571111261000,
  "CreateTime": "2019-10-15T03:47Z",
  "UpdateTime": "2019-10-15T03:47Z",
  "ZoneId": "fc1fc1dfbb6a7dc85dc8caa869ccee7a"
}
]
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3 Manage DNS records

1.3.1 AddZoneRecord

Adds a DNS record for a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	AddZoneRecord	The operation that you want to perform. Set the value to AddZoneRecord.
Rr	String	Yes	www	The name of the domain or subdomain. For example, you must specify @ for this parameter if you want to resolve @.example.com.
Type	String	Yes	A	The record type. You can add A, CNAME, TXT, MX, and PTR records to your private zone.
Value	String	Yes	1.1.1.1	The value of the DNS record.
ZoneId	String	Yes	CAGICA10A_58	The ID of the zone.
Lang	String	No	en	The language.
Priority	Integer	No	5	The priority of the MX record. Valid values: 1 to 10.
Ttl	Integer	No	60	The time to live (TTL) of the record. Default value: 60.

Parameter	Type	Required	Example	Description
UserClientIp	String	No	2.2.2.2	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RecordId	Long	5808	The ID of the DNS record.
RequestId	String	0B7AD377-7E86-44A8-B9A8-53E8666E72FE	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=AddZoneRecord
&ZoneId=CAGICA10A_58
&Rr=www
&Type=A
&Ttl=60
&Value=1.1.1.1
&<Common request parameters>
```

Sample success responses

XML format

```
<AddZoneRecordResponse>
  <RecordId>5809</RecordId>
  <RequestId>D4AD014E-46F6-4311-815B-AAB3ACE06F9C</RequestId>
</AddZoneRecordResponse>
```

JSON format

```
{
  "RecordId":5808,
  "RequestId":"0B7AD377-7E86-44A8-B9A8-53E8666E72FE"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.2 DeleteZoneRecord

Deletes a DNS record.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DeleteZoneRecord	The operation that you want to perform. Set the value to DeleteZoneRecord.
RecordId	Long	Yes	5808	The ID of the DNS record.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RecordId	Long	5808	The ID of the DNS record.
RequestId	String	0B7AD377-7E86-44A8-B9A8-53E8666E72FE	The ID of the request.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=DeleteZoneRecord
&RecordId=5808
&<Common request parameters>
```

Sample success responses

XML format

```
<DeleteZoneRecordResponse>
```

```
<RecordId>5808</RecordId>
<RequestId>FEAF2786-5DB3-4A1F-B859-E8B28B672E9B</RequestId>
</DeleteZoneRecordResponse>
```

JSON format

```
{
  "RecordId":5808,
  "RequestId":"0B7AD377-7E86-44A8-B9A8-53E8666E72FE"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.3 UpdateZoneRecord

Modifies a DNS record.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateZoneRecord	The operation that you want to perform. Set the value to UpdateZoneRecord.
RecordId	Long	Yes	5809	The ID of the DNS record.
Rr	String	Yes	www	The name of the domain or subdomain. For example, you must specify @ for this parameter if you want to resolve @.example.com.
Type	String	Yes	A	The type of the DNS record.
Value	String	Yes	1.1.1.1	The value of the DNS record.

Parameter	Type	Required	Example	Description
Lang	String	No	en	The language.
Priority	Integer	No	60	The priority of the MX record. Valid values: 1 to 10. This parameter is required if the type of the DNS record is MX.
Ttl	Integer	No	60	The time to live (TTL) of the record.
UserClientIp	String	No	2.2.2.2	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RecordId	Long	5809	The ID of the DNS record.
RequestId	String	250E2C38-D0AD-4518-851D-1C1055805F82	The ID of the request.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=UpdateZoneRecord
&Rr=www
&Type=A
&Ttl=60
&Value=1.1.1.1
&RecordId=5809
&<Common request parameters>
```

Sample success responses

XML format

```
<UpdateZoneRecordResponse>
  <RecordId>5809</RecordId>
  <RequestId>43909504-7C3E-4660-AF75-59EE0C480681</RequestId>
```

```
</UpdateZoneRecordResponse>
```

JSON format

```
{
  "RecordId":5809,
  "RequestId":"250E2C38-D0AD-4518-851D-1C1055805F82"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.4 DescribeZoneRecords

Queries the list of DNS records.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeZoneRecords	The operation that you want to perform. Set the value to DescribeZoneRecords.
ZoneId	String	Yes	CagICA10A_58	The ID of the private zone.
Keyword	String	No	test	The keyword that is used for querying DNS records. The following format is used during queries: %Keyword%. The keyword is case insensitive.
Lang	String	No	en	The language.

Parameter	Type	Required	Example	Description
PageNumber	Integer	No	1	The number of the page to return. Pages start from page 1. Default value: 1.
PageSize	Integer	No	100	The number of entries to return on each page. Maximum value: 500. Default value: 20.
SearchMode	String	No	LIKE	The search method. Valid values: <ul style="list-style-type: none"> LIKE: fuzzy search. EXACT: exact search. Default value: EXACT.
Tag	String	No	tag	The tag.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
PageNumber	Integer	1	The page number of the returned page.
PageSize	Integer	100	The number of entries returned per page.
Records	Array		The list of DNS records.
Record			The information about a DNS record.

Parameter	Type	Example	Description
Priority	Integer	60	The priority of the MX record. Valid values: 1 to 10. This parameter is returned if the type of the DNS record is MX.
RecordId	Long	5809	The ID of the DNS record.
Remark	String	xxx	The description.
Rr	String	www	The name of the domain or subdomain.
Status	String	ENABLE	The status of the DNS record.
Ttl	Integer	60	The time to live (TTL) of the record. Default value: 60.
Type	String	A	The type of the DNS record.
Value	String	1.1.1.1	The value of the DNS record.
RequestId	String	7B07FBC3-3A53-4939-A3C6-2BDFE407BAB2	The ID of the request.
TotalItems	Integer	100	The total number of DNS records.
TotalPages	Integer	100	The total number of pages.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=DescribeZoneRecords
&ZoneId=CAGICA10A_58
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeZoneRecordsResponse>
  <PageNumber>1</PageNumber>
  <Records>
    <Record>
      <Status>DISABLE</Status>
      <Value>1.1.1.1</Value>
      <Rr>www</Rr>
      <RecordId>5809</RecordId>
      <Ttl>60</Ttl>
      <Type>A</Type>
    </Record>
    <Record>
      <Status>ENABLE</Status>
      <Value>1.1.1.1</Value>
      <Rr>a49880308bb2</Rr>
      <RecordId>5808</RecordId>
      <Ttl>60</Ttl>
      <Type>A</Type>
    </Record>
  </Records>
  <PageSize>20</PageSize>
  <RequestId>7B07FBC3-3A53-4939-A3C6-2BDFE407BAB2</RequestId>
  <TotalItems>2</TotalItems>
  <TotalPages>1</TotalPages>
</DescribeZoneRecordsResponse>
```

JSON format

```
{
  "PageNumber":1,
  "Records":{
    "Record":[
      {
        "Status":"DISABLE",
        "Rr":"www",
        "Value":"1.1.1.1"
        "RecordId":5809,
        "Type":"A",
        "Ttl":60,
      },
      {
        "Status":"ENABLE",
        "Rr":"a49880308bb2",
        "Value":"1.1.1.1"
        "RecordId":5808,
        "Type":"A",
        "Ttl":60,
      }
    ]
  },
  "PageSize":20,
  "RequestId":"2748A96A-3D47-4B27-AE8B-75C41B16D652",
  "TotalItems":2,
  "TotalPages":1
}
```

```
}

```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.5 SetZoneRecordStatus

Configures the status of a DNS record.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	SetZoneRecordStatus	The operation that you want to perform. Set the value to SetZoneRecordStatus.
RecordId	Long	Yes	5809	The ID of the DNS record.
Status	String	Yes	DISABLE	Specifies whether to enable or disable the DNS record. Valid values: <ul style="list-style-type: none"> ENABLE: enables the DNS record. DISABLE: disables the DNS record.
Lang	String	No	en	The language.
UserClientIp	String	No	1.1.1.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RecordId	Long	5809	The ID of the DNS record.

Parameter	Type	Example	Description
RequestId	String	39CB16E5-4180-49F2-A060-23C0ECEB80D9	The ID of the request.
Status	String	DISABLE	Indicates whether the DNS record is enabled or disabled.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=SetZoneRecordStatus
&RecordId=5809
&Status=DISABLE
&<Common request parameters>
```

Sample success responses

XML format

```
<SetZoneRecordStatusResponse>
  <Status>DISABLE</Status>
  <RequestId>39CB16E5-4180-49F2-A060-23C0ECEB80D9</RequestId>
  <RecordId>5809</RecordId>
</SetZoneRecordStatusResponse>
```

JSON format

```
{
  "Status": "DISABLE",
  "RecordId": "5809",
  "RequestId": "8952D275-70D6-4634-B78E-200A3E78C28A"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.6 DescribeChangeLogs


Queries operations logs.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeChangeLogs	The operation that you want to perform. Set the value to DescribeChangeLogs.
EndTimeStamp	Long	No	1516779348000	The end of the time range to query. This value is a UNIX timestamp representing the number of milliseconds that have elapsed since the epoch time January 1, 1970, 00:00:00 UTC.
EntityType	String	No	PV_ZONE	The type of operations logs. Valid values: <ul style="list-style-type: none"> • PV_ZONE: the logs that record the operations on private zones. • PV_RECORD: the logs that record the operations on DNS records. If you set this parameter to other values, all types of operations logs are queried.
Keyword	String	No	test	The keyword that is used for querying operations logs. The following format is used during queries: %Keyword%. The keyword is case insensitive.
Lang	String	No	en	The language.

Parameter	Type	Required	Example	Description
PageNumber	Integer	No	1	The number of the page to return. Pages start from page 1. Default value: 1.
PageSize	Integer	No	100	The number of entries to return on each page. Maximum value: 100. Default value: 20.
StartTimes tamp	Long	No	1516779348 000	The beginning of the time range to query. This value is a UNIX timestamp representing the number of milliseconds that have elapsed since the epoch time January 1, 1970, 00:00:00 UTC.
UserClientIp	String	No	1.1.1.1	The IP address of the client.
ZoneId	String	No	6726	The ID of the private zone.  Note: If you specify this parameter, the operations logs for the specified private zone are queried. If you do not specify this parameter, the operations logs for all private zones that belong to the current Alibaba Cloud account are queried.

Response parameters

Parameter	Type	Example	Description
ChangeLogs	Array		The list of log entries.

Parameter	Type	Example	Description
ChangeLog			The information of a log entry.
Content	String	add test-api.com	The details of the operation.
EntityId	String	CAGICA10A_58	The ID of the object on which the operation was performed.
EntityName	String	test-api.com	The name of the object on which the operation was performed.
Id	Long	6726	The ID of the log entry.
OperAction	String	add	The specific operation that was performed.
OperIp	String	1.1.1.1	The IP address of the client.
OperObject	String	PV_ZONE	The type of the object on which the operation was performed.
OperTime	String	2018-01-24T07:35Z	The time when the operation was performed.
OperTimestamp	Long	1516779348000	The timestamp of the operation.
PageNumber	Integer	2	The page number of the returned page.
PageSize	Integer	1	The number of entries returned per page.
RequestId	String	F0FCB52A-D512-41A0-8595-40234EDCFD8B	The ID of the request.
TotalItems	Integer	100	The total number of log entries.
TotalPages	Integer	100	The total number of pages.

Examples

Sample requests

```
http://pvtz.aliyuncs.com/?Action=AddZoneRecord
&ZoneId=CAGICA10A_58
&Rr=www
&Type=A
&Ttl=60
&Value=1.1.1.1
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeChangeLogsResponse>
  <PageNumber>1</PageNumber>
  <ChangeLogs>
    <ChangeLog>
      <OperTimestamp>1516779348000</OperTimestamp>
      <OperAction>add</OperAction>
      <OperObject>PV_ZONE</OperObject>
      <OperIp>106.11.34.7</OperIp>
      <Id>6726</Id>
      <EntityName>test-api.com</EntityName>
      <OperTime>2018-01-24T07:35Z</OperTime>
      <Content>add test-api.com</Content>
      <EntityId>CAGICA10A_58</EntityId>
    </ChangeLog>
  </ChangeLogs>
  <PageSize>1</PageSize>
  <RequestId>F0FCB52A-D512-41A0-8595-40234EDCFD8B</RequestId>
  <TotalItems>224</TotalItems>
  <TotalPages>224</TotalPages>
</DescribeChangeLogsResponse>
```

JSON format

```
{
  "PageNumber":1,
  "PageSize":1,
  "ChangeLogs":{
    "ChangeLog":[
      {
        "OperTimestamp":1516779348000,
        "OperAction":"add",
        "OperObject":"PV_ZONE",
        "OperIp":"106.11.34.7",
        "OperTime":"2018-01-24T07:35Z",
        "EntityName":"test-api.com",
        "Id":6726,
        "Content":"add test-api.com",
        "EntityId":"CAGICA10A_58"
      }
    ]
  },
  "RequestId":"50C60A29-2E93-425A-ABA8-068686E28873",
  "TotalItems":224,
```

```
"TotalPages":224
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.3.7 UpdateRecordRemark

Modifies the description of a DNS record that is configured for a private zone.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	UpdateRecordRemark	The operation that you want to perform. Set the value to updaterecordmark.
RecordId	Long	Yes	18954952	The ID of the DNS record.
Lang	String	No	en	The language.
Remark	String	No	test record	The description.

Response parameters

Parameter	Type	Example	Description
RecordId	Long	18954952	The ID of the DNS record.
RequestId	String	0B7AD377-7E86-44A8-B9A8-53E8666E72FE	The ID of the request.

Examples

Sample requests

```
http(s)://[Endpoint]/? Action=UpdateRecordRemark
```

```
&<Common request parameters>
```

Sample success responses

XML format

```
<UpdateRecordRemarkResponse>
  <RecordId>18954952</RecordId>
  <RequestId>CE06F38E-713F-477F-AEDD-73965518091C</RequestId>
</UpdateRecordRemarkResponse>
```

JSON format

```
{
  "RecordId":18954952,
  "RequestId":"CE06F38E-713F-477F-AEDD-73965518091C"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).

1.4 Manage query volume

1.4.1 DescribeStatisticSummary

Retrieves the statistics of queries for the previous day.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeStatisticSummary	The operation that you want to perform. Set the value to DescribeStatisticSummary.
Lang	String	No	zh	The language.
UserClientIp	String	No	127.0.0.1	The IP address of the client.

Response parameters

Parameter	Type	Example	Description
RequestId	String	A73F3BD0-B1A8-42A9-A9B6-689BBABC4891	The ID of the request.
TotalCount	Long	2254	The total number of the requests received on the previous day.
VpcRequestTops	Array		The top 3 VPCs based on the number of received requests.
VpcRequestTop			The information about a VPC.
RegionId	String	cn-beijing	The ID of the region.
RegionName	String	China (Beijing)	The name of the region.
RequestCount	Long	2254	The number of the requests.
TunnelId	String	46574	The number of the tunnel.
VpcId	String	vpc-2zeisd8c0j6wk1451jr6o	The ID of the VPC.
ZoneRequestTops	Array		The top 3 private zones based on the number of received requests.
ZoneRequestTop			The information about a private zone.
RequestCount	Long	2251	The number of the requests.
ZoneName	String	host.local	The name of the private zone.

Examples

Sample requests

```
http(s)://pvtz.aliyuncs.com/? Action=DescribeStatisticSummary
```

&<Common request parameters>

Sample success responses

XML format

```
<DescribeStatisticSummaryResponse>
  <ZoneRequestTops>
    <ZoneRequestTop>
      <ZoneName>host.local</ZoneName>
      <RequestCount>2251</RequestCount>
    </ZoneRequestTop>
    <ZoneRequestTop>
      <ZoneName>foo.abc.com</ZoneName>
      <RequestCount>3</RequestCount>
    </ZoneRequestTop>
  </ZoneRequestTops>
  <TotalCount>2254</TotalCount>
  <VpcRequestTops>
    <VpcRequestTop>
      <RegionName>China (Beijing)</RegionName>
      <RegionId>cn-beijing</RegionId>
      <RequestCount>2254</RequestCount>
      <TunnelId>46574</TunnelId>
      <VpcId>vpc-2zeisd8c0j6wk1451jr6o</VpcId>
    </VpcRequestTop>
  </VpcRequestTops>
  <RequestId>A73F3BD0-B1A8-42A9-A9B6-689BBABC4891</RequestId>
</DescribeStatisticSummaryResponse>
```

JSON format

```
{
  "ZoneRequestTops": {
    "ZoneRequestTop": [
      {
        "ZoneName": "host.local",
        "RequestCount": 2251
      },
      {
        "ZoneName": "foo.abc.com",
        "RequestCount": 3
      }
    ]
  },
  "TotalCount": 2254,
  "VpcRequestTops": {
    "VpcRequestTop": [
      {
        "RegionName": "China (Beijing)",
        "RegionId": "cn-beijing",
        "RequestCount": 2254,
        "TunnelId": "46574",
        "VpcId": "vpc-2zeisd8c0j6wk1451jr6o"
      }
    ]
  },
  "RequestId": "A73F3BD0-B1A8-42A9-A9B6-689BBABC4891"
}
```

}

Error codes

For a list of error codes, visit the [API Error Center](#).

1.4.2 DescribeRequestGraph

Retrieves query volume.

Debugging

OpenAPI Explorer automatically calculates the signature value. For your convenience, we recommend that you call this operation in OpenAPI Explorer. OpenAPI Explorer dynamically generates the sample code of the operation for different SDKs.

Request parameters

Parameter	Type	Required	Example	Description
Action	String	Yes	DescribeRequestGraph	The operation that you want to perform. Set the value to DescribeRequestGraph.
EndTimeStamp	Long	Yes	1571673600000	The end of the time range to query. This value is a UNIX timestamp representing the number of milliseconds that have elapsed since the epoch time January 1, 1970, 00:00:00 UTC.
StartTimeStamp	Long	Yes	1571587200000	The beginning of the time range to query. This value is a UNIX timestamp representing the number of milliseconds that have elapsed since the epoch time January 1, 1970, 00:00:00 UTC.
Lang	String	No	en	The language.

Parameter	Type	Required	Example	Description
UserClientIp	String	No	127.0.0.1	The IP address of the client.
VpcId	String	No	vpc-1111	The ID of the VPC.
ZoneId	String	No	29c752a01c d281a20ddc faecf	The ID of the private zone.

Response parameters

Parameter	Type	Example	Description
RequestDetails	Array		The details.
ZoneRequestTop			The details.
RequestCount	Long	103	The number of requests.
Time	String	2019-10-21T10:00Z	The time string.
Timestamp	Long	1571652000000	The timestamp. Unit: milliseconds.
RequestId	String	EB71815-A421-4E51-8E8D-667F44ABE633	The ID of the request.

Examples

Sample requests

```
http(s)://pvtz.aliyuncs.com/? Action=DescribeRequestGraph
&EndTimeStamp=1571673600000
&StartTimeStamp=1571587200000
&<Common request parameters>
```

Sample success responses

XML format

```
<DescribeRequestGraphResponse>
  <RequestDetails>
```

```

    <ZoneRequestTop>      <Time>2019-10-25T16:00Z</Time>
    <RequestCount>97</RequestCount>      <Timestamp>1572019200000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-25T17:00Z</Time>
    <RequestCount>93</RequestCount>      <Timestamp>1572022800000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-25T18:00Z</Time>
    <RequestCount>98</RequestCount>      <Timestamp>1572026400000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T15:00Z</Time>
    <RequestCount>95</RequestCount>      <Timestamp>1572188400000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T16:00Z</Time>
    <RequestCount>90</RequestCount>      <Timestamp>1572192000000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T17:00Z</Time>
    <RequestCount>89</RequestCount>      <Timestamp>1572195600000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T18:00Z</Time>
    <RequestCount>93</RequestCount>      <Timestamp>1572199200000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T19:00Z</Time>
    <RequestCount>97</RequestCount>      <Timestamp>1572202800000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T20:00Z</Time>
    <RequestCount>94</RequestCount>      <Timestamp>1572206400000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T21:00Z</Time>
    <RequestCount>90</RequestCount>      <Timestamp>1572210000000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T22:00Z</Time>
    <RequestCount>87</RequestCount>      <Timestamp>1572213600000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-27T23:00Z</Time>
    <RequestCount>88</RequestCount>      <Timestamp>1572217200000</
Timestamp>      </ZoneRequestTop>
    <ZoneRequestTop>      <Time>2019-10-28T00:00Z</Time>
    <RequestCount>94</RequestCount>      <Timestamp>1572220800000</
Timestamp>      </ZoneRequestTop>
  </RequestDetails>
  <RequestId>041B0CBF-3D5F-4AAB-ABDE-420817341522</RequestId>
</DescribeRequestGraphResponse>

```

JSON format

```

{
  "RequestDetails": {
    "ZoneRequestTop": [
      {
        "Time": "2019-10-20T16:00Z",
        "RequestCount": 96,
        "Timestamp": 1571587200000
      },
      {
        "Time": "2019-10-20T17:00Z",
        "RequestCount": 98,
        "Timestamp": 1571590800000
      },
      {
        "Time": "2019-10-20T18:00Z",
        "RequestCount": 98,
        "Timestamp": 1571594400000
      }
    ]
  }
}

```



```
{
  "Time": "2019-10-20T19:00Z",
  "RequestCount": 93,
  "Timestamp": 1571598000000
},
{
  "Time": "2019-10-20T20:00Z",
  "RequestCount": 87,
  "Timestamp": 1571601600000
},
{
  "Time": "2019-10-20T21:00Z",
  "RequestCount": 95,
  "Timestamp": 1571605200000
},
{
  "Time": "2019-10-20T22:00Z",
  "RequestCount": 104,
  "Timestamp": 1571608800000
},
{
  "Time": "2019-10-20T23:00Z",
  "RequestCount": 99,
  "Timestamp": 1571612400000
},
{
  "Time": "2019-10-21T00:00Z",
  "RequestCount": 88,
  "Timestamp": 1571616000000
},
{
  "Time": "2019-10-21T01:00Z",
  "RequestCount": 84,
  "Timestamp": 1571619600000
},
{
  "Time": "2019-10-21T02:00Z",
  "RequestCount": 101,
  "Timestamp": 1571623200000
},
{
  "Time": "2019-10-21T03:00Z",
  "RequestCount": 95,
  "Timestamp": 1571626800000
},
{
  "Time": "2019-10-21T04:00Z",
  "RequestCount": 94,
  "Timestamp": 1571630400000
},
{
  "Time": "2019-10-21T05:00Z",
  "RequestCount": 99,
  "Timestamp": 1571634000000
},
{
  "Time": "2019-10-21T06:00Z",
  "RequestCount": 86,
  "Timestamp": 1571637600000
},
{
  "Time": "2019-10-21T07:00Z",
  "RequestCount": 88,
  "Timestamp": 1571641200000
}
```

```
    },
    {
      "Time": "2019-10-21T08:00Z",
      "RequestCount": 94,
      "Timestamp": 1571644800000
    },
    {
      "Time": "2019-10-21T09:00Z",
      "RequestCount": 98,
      "Timestamp": 1571648400000
    },
    {
      "Time": "2019-10-21T10:00Z",
      "RequestCount": 103,
      "Timestamp": 1571652000000
    },
    {
      "Time": "2019-10-21T11:00Z",
      "RequestCount": 84,
      "Timestamp": 1571655600000
    },
    {
      "Time": "2019-10-21T12:00Z",
      "RequestCount": 89,
      "Timestamp": 1571659200000
    },
    {
      "Time": "2019-10-21T13:00Z",
      "RequestCount": 98,
      "Timestamp": 1571662800000
    },
    {
      "Time": "2019-10-21T14:00Z",
      "RequestCount": 89,
      "Timestamp": 1571666400000
    },
    {
      "Time": "2019-10-21T15:00Z",
      "RequestCount": 94,
      "Timestamp": 1571670000000
    }
  ]
},
"RequestId": "1EB71815-A421-4E51-8E8D-667F44ABE633"
}
```

Error codes

For a list of error codes, visit the [API Error Center](#).