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数据库网关DG

API reference

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Document conventions

Style	Description	Example
Danger	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.
Warning	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.
Notice	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.
Note	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 `cd /d C:/window` command to enter the Windows system folder.
Italic	Italic formatting is used for parameters and variables.	`bae log list --instanceid` *Instance_ID*
[] or [a|b]	This format is used for an optional value, where only one item can be selected.	`ipconfig [-all|-t]`
{} or {a|b}	This format is used for a required value, where only one item can be selected.	`switch {active|stand}`

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1.List of operations by function

The following table lists API operations available for use in Database Gateway.

Operation	Description
CreateGateway	Creates a gateway.
ModifyGateway	Modifies a gateway.
DeleteGateway	Deletes a gateway.
StopGateway	Stops a gateway.
CreateGatewayVerifyCode	Generates a verification code required for installing a gateway on-premises.
DownloadGatewayProgram	Returns the download URL of the gateway program.
ConnectDatabase	Connects to a database through a gateway.
GetUserDatabases	Returns the list of user databases.
AddDatabase	Adds a database.
ModifyDatabase	Modifies a database.
DeleteDatabase	Deletes a database.

2.Common parameters

Common parameters must be included in all Database Gateway API operations. Common request parameters and common response parameters are included.

Common request parameters

Parameter	Type	Required	Description
Format	String	No	The format in which to return the response. The returned data is in JSON format.
Version	String	Yes	The version number of the API, in YYYY-MM-DD format. The current version is 2019-03-27.
AccessKeyId	String	Yes	The AccessKey ID provided to you by Alibaba Cloud.
Signature	String	Yes	The signature string of the current request. For more information about how signatures are calculated, see Signature method.
Timestamp	String	Yes	The timestamp of the request. Specify the time accord the *ISO 8601* standard in the yyyy-MM-ddTHH:mm:ssZ format. The time must be in UTC. For example, a value of *2013-08-15T12:00:00Z* indicates 12:00:00 on August 15, 2013, UTC+8.
SignatureVersion	String	Yes	The version of the signature encryption algorithm. Set the value to 1.0.
SignatureNonce	String	Yes	A unique, random number used to prevent replay attacks. You must use different numbers for different requests.

Common response parameters

Every response returns a unique RequestID regardless of whether the call is successful.

Sample requests

```
https://dg.aliyuncs.com/
?Format=xml
&Version=2019-06-18
&Signature=Pc5WB8gokVn0xfeu%2FZV%2BiNM1dgI%3D
&SignatureMethod=HMAC-SHA1
&SignatureNonce=15215528852396
&SignatureVersion=1.0
&AccessKeyId=key-test
&OwnerId=12345678
&Timestamp=2014-10-10T12:00:00Z
```

Sample responses

API responses use the HTTP response format where a 2xx status code indicates a successful call and a 4xx or 5xx status code indicates a failed call. For a successful call, the returned data is in JSON format. For an external system, you can configure a parameter to specify the format of returned data when you configure request parameters. For ease of reading, the sample responses are formatted. The actual responses do not include any line breaks or indentations.

Sample success responses

```
{
  "RequestId": "4C467B38-3910-447D-87BC-AC049166F216",
  /* Returned data */
}
```

3.Gateway management

3.1. CreateGateway

You can call this operation to create a gateway.

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	CreateGateway	The operation that you want to perform. Set the value to **CreateGateway**.
GatewayDesc	String	Yes	Gateway used in the cloud-based environment	The description of the gateway.
GatewayName	String	Yes	Cloud-based environment	The name of the gateway.
RegionId	String	No	cn-hangzhou	The region ID.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The response code.
Data	String	dg-yhss6sdlaffaq68	The ID of the gateway.
ErrorMsg	String	None	The error message.
RequestId	String	A7D17E3E-358C-4A80-986C-F6C3B048AD17	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=CreateGateway
&GatewayDesc=Gateway used in the cloud-based environment
&GatewayName=Cloud-based environment
&<Common request parameters>
```

Sample success responses

`XML` format

```
<CreateGatewayResponse>
    <Data>dg-yhss6sdlaffaq68</Data>
    <RequestId>A7D17E3E-358C-4A80-986C-F6C3B048AD17</RequestId>
</CreateGatewayResponse>
```

`JSON` format

```
{
 "Data":"dg-yhss6sdlaffaq68",
 "RequestId":"A7D17E3E-358C-4A80-986C-F6C3B048AD17"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.2. ModifyGateway

You can call this operation to modify the basic information of a gateway.

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	ModifyGateway	The operation that you want to perform. Set the value to **ModifyGateway**.
GatewayDesc	String	Yes	Gateway used in the cloud-based environment	The description of the gateway.

Parameter	Type	Required	Example	Description
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.
GatewayName	String	Yes	Cloud-based environment	The name of the gateway.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The response code.
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.
RequestId	String	CDDAAA07-D806-AG67-BEE8-1E43AAE024DC	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=ModifyGateway
&GatewayDesc=Gateway used in the cloud-based environment
&GatewayId=dg-yhss6sdlaffaq68
&GatewayName=Cloud-based environment
&<Common request parameters>
```

Sample success responses

`XML` format

```
<ModifyGatewayResponse>
    <RequestId>CDDAAA07-D806-AG67-BEE8-1E43AAE024DC</RequestId>
</ModifyGatewayResponse>
```

`JSON` format

```
{
 "RequestId":"CDDAAA07-D806-AG67-BEE8-1E43AAE024DC"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.3. DeleteGateway

You can call this operation to delete a gateway.

> **Note** If a running instance exists under the gateway, you must stop the instance before the gateway can be deleted.

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	DeleteGateway	The operation that you want to perform. Set the value to **DeleteGateway**.
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The response code.
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.
RequestId	String	CDDAAA07-D806-AG67-BEE8-1E43AAE024DD	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=DeleteGateway
&GatewayId=dg-yhss6sdlaffaq68
&<Common request parameters>
```

Sample success responses

`XML` format

```
<DeleteGatewayResponse>
    <RequestId>CDDAAA07-D806-AG67-BEE8-1E43AAE024DD</RequestId>
</DeleteGatewayResponse>
```

`JSON` format

```
{
 "RequestId":"CDDAAA07-D806-AG67-BEE8-1E43AAE024DD"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.4. StopGateway

You can call this operation to stop a gateway.

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	StopGateway	The operation that you want to perform. Set the value to **StopGateway**.
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The response code.

Parameter	Type	Example	Description
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.
RequestId	String	CDDAAA07-D806-AG67-BEE8-1E43AAE024DE	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=StopGateway
&GatewayId=dg-yhss6sdlaffaq68
&<Common request parameters>
```

Sample success responses

`XML` format

```
<StopGatewayResponse>
  <RequestId>CDDAAA07-D806-AG67-BEE8-1E43AAE024DE</RequestId>
</StopGatewayResponse>
```

`JSON` format

```
{
 "RequestId":"CDDAAA07-D806-AG67-BEE8-1E43AAE024DE"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.5. CreateGatewayVerifyCode

You can call this operation to generate the verification code required for installing a gateway on-premises. This verification code is corresponding to the gateway created on the cloud.

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	CreateGatewayVerifyCode	The operation that you want to perform. Set the value to **CreateGatewayVerifyCode**.
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The response code.
Data	String	qvCKyMgl	The verification code required for installing the gateway on-premises.
ErrorMsg	String	None	The error message.
RequestId	String	CDDAAA07-D806-AG67-BEE8-1E43AAE024DF	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=CreateGatewayVerifyCode
&GatewayId=dg-yhss6sdlaffaq68
&<Common request parameters>
```

Sample success responses

`XML` format

```
<CreateGatewayVerifyCodeResponse>
    <Data>qvCKyMgl</Data>
    <RequestId>CDDAAA07-D806-AG67-BEE8-1E43AAE024DF</RequestId>
</CreateGatewayVerifyCodeResponse>
```

`JSON` format

```
{
 "Data":"qvCKyMgl",
 "RequestId":"CDDAAA07-D806-AG67-BEE8-1E43AAE024DF"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.6. DownloadGatewayProgram

You can call this operation to obtain the download URL of the gateway program. All Alibaba Cloud users can download the gateway program without authentication.

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	DownloadGatewayProgram	The operation that you want to perform. Set the value to **DownloadGatewayProgram**.
UserOS	String	No	your OS	The operating system used.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Data	String	https://public-buk.oss-cn-hangzhou.aliyuncs.com/db-gateway-pkgs/gateway-daemon-pkgs/aliyun-db-gateway.tar.gz?Expires=xxx/YV56pzE%3D	The download URL of the gateway program.
ErrorMsg	String	None	The error message.

Parameter	Type	Example	Description
RequestId	String	028D8614-5940-4BC4-86BB-428E115F27DC	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Samples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=DownloadGatewayProgram
&<Common request parameters>
```

Sample success responses

`XML` format

```
<DownloadGatewayProgramResponse>
    <Data>https://public-buk.oss-cn-hangzhou.aliyuncs.com/db-gateway-pkgs/gateway-daemon-pkgs/aliyun-db-gateway.tar.gz?Expires=xxx/YV56pzE%3D</Data>
    <RequestId>028D8614-5940-4BC4-86BB-428E115F27DC</RequestId>
</DownloadGatewayProgramResponse>
```

`JSON` format

```
{
 "Data":"https://public-buk.oss-cn-hangzhou.aliyuncs.com/db-gateway-pkgs/gateway-daemon-pkgs/aliyun-db-gateway.tar.gz?Expires=xxx/YV56pzE%3D",
 "RequestId":"028D8614-5940-4BC4-86BB-428E115F27DC"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.7. ConnectDatabase

You can call this operation to test database connectivity by using a gateway.

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	ConnectDatabase	The operation that you want to perform. Set the value to **ConnectDatabase**.
DbPassword	String	Yes	password	The password used to access the database.
DbType	String	Yes	MySQL	The type of the database. **Note** Only MySQL databases are supported.
DbUserName	String	Yes	dg_test	The username used to access the database.
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.
Host	String	Yes	11.163.23.109	The address of the database accessed by using the host where the gateway resides.
Port	Integer	Yes	3440	The port of the database accessed by using the host where the gateway resides.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.
RequestId	String	EAF2AA07-860D-43DA-BEE8-1E43AAE024DG	The ID of the request.

Parameter	Type	Example	Description
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/? Action=ConnectDatabase
&DbPassword=password
&DbType=MySQL
&DbUserName=dg_test
&GatewayId=dg-yhss6sdlaffaq68
&Host=11.163.23.109
&Port=3440
&<Common request parameters>
```

Sample success responses

`XML` format

```
<ConnectDatabaseResponse>
    <RequestId>EAF2AA07-860D-43DA-BEE8-1E43AAE024DG</RequestId>
</ConnectDatabaseResponse>
```

`JSON` format

```
{
 "RequestId":"EAF2AA07-860D-43DA-BEE8-1E43AAE024DG"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.8. GetUserDatabases

You can call this operation to obtain the list of your databases.

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

Parameter	Type	Required	Example	Description
Action	String	Yes	GetUserDatabases	The operation that you want to perform. Set the value to **GetUserDatabases**.
PageNumber	String	Yes	1	The number of the page to return.
PageSize	String	Yes	10	The number of entries to return on each page.
DbType	String	No	MySQL	The type of the database. **Note** Only MySQL databases are supported.
GatewayId	String	No	dg-yhss6sdlaff****	The ID of the gateway.
SearchKey	String	No	Gateway	The keyword used to query databases.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Count	Integer	1	The total number of databases returned.

Parameter	Type	Example	Description
Data	String	[{\"dbDescription\":\"Database in a development environment\",\"dbType\":\"MySQL\",\"dbUserName\":\"dbatool\",\"gatewayId\":\"test_gateway\",\"gatewayName\":\"Gateway-1\",\"gmtCreate\":1560736969000,\"gmtCreateString\":\"2019-06-17 10:02\",\"host\":\"11.163.23.109\",\"instanceId\":\"instance_1\",\"parentId\":\"1344371\",\"port\":3440,\"userId\":\"1344371\"}]	The list of databases.
ErrorMsg	String	None	The error message.
RequestId	String	951AE6AA-BFC5-4DD8-8CD6-DFD3D51E4170	The ID of the request.
Success	String	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=GetUserDatabases
&PageNumber=1
&PageSize=10
&<Common request parameters>
```

Sample success responses

`XML` format

```
<GetUserDatabasesResponse>
    <Data>[{"dbDescription":"Database in a development environment","dbType":"MySQL","dbUserName":
"dbatool","gatewayId":"test_gateway","gatewayName":"Gateway-1","gmtCreate":1560736969000,"gmtCre
ateString":"2019-06-17 10:02","host":"11.163.23.109","instanceId":"instance_1","parentId":"1344371","por
t":3440,"userId":"1344371"}]</Data>
    <Count>1</Count>
    <RequestId>951AE6AA-BFC5-4DD8-8CD6-DFD3D51E4170</RequestId>
</GetUserDatabasesResponse>
```

`JSON` format

```
{
 "Data":"[{\"dbDescription\":\"Database in a development environment\",\"dbType\":\"MySQL\",\"dbUserN
ame\":\"dbatool\",\"gatewayId\":\"test_gateway\",\"gatewayName\":\"Gateway-1\",\"gmtCreate\":1560736
969000,\"gmtCreateString\":\"2019-06-17 10:02\",\"host\":\"11.163.23.109\",\"instanceId\":\"instance_1\",\"
parentId\":\"1344371\",\"port\":3440,\"userId\":\"1344371\"}]",
 "Count":1,
 "RequestId":"951AE6AA-BFC5-4DD8-8CD6-DFD3D51E4170"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.9. AddDatabase

You can call this operation to add a database.

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	AddDatabase	The operation that you want to perform. Set the value to **AddDatabase**.
DbPassword	String	Yes	password	The password used to access the database. **Note** It is used only to verify whether the database can be connected.

Parameter	Type	Required	Example	Description
DbType	String	Yes	MySQL	The type of the database. Note Only MySQL databases are supported.
DbUserName	String	Yes	dg_test	The username used to access the database.
GatewayId	String	Yes	dg-yhss6sdlaff****	The ID of the gateway.
Host	String	Yes	11.*.*.109	The address of the database accessed by using the host where the gateway resides.
Port	Integer	Yes	3440	The port of the database accessed by using the host where the gateway resides.
DbDescription	String	No	Database in a development environment	The database description.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Data	String	xxx	The database instance ID returned by the service side.
ErrorMsg	String	None	The error message.
RequestId	String	EAF2AA07-860D-43DA-BEE8-1E43AAE024CD	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=AddDatabase
&DbPassword=password
&DbType=MySQL
&DbUserName=dg_test
&GatewayId=dg-yhss6sdlaffaq68
&Host=11.163.23.109
&Port=3440
&<Common request parameters>
```

Sample success responses

`XML` format

```
<AddDatabaseResponse>
    <RequestId>EAF2AA07-860D-43DA-BEE8-1E43AAE024CD</RequestId>
</AddDatabaseResponse>
```

`JSON` format

```
{
 "RequestId":"EAF2AA07-860D-43DA-BEE8-1E43AAE024CD"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.10. ModifyDatabase

You can call this operation to modify a database.

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	ModifyDatabase	The operation that you want to perform. Set the value to **ModifyDatabase**.

Parameter	Type	Required	Example	Description
DbPassword	String	Yes	password	The password used to access the database. Note It is used only to verify whether the database can be connected.
DbType	String	Yes	MySQL	The type of the database. Note Only MySQL databases are supported.
DbUserName	String	Yes	dg_test	The username used to access the database.
Host	String	Yes	11.163.23.109	The address of the database accessed by using the host where the gateway resides.
InstanceId	String	Yes	db	The ID of the database instance.
Port	Integer	Yes	3440	The port of the database accessed by using the host where the gateway resides.
DbDescription	String	No	Database in a development environment	The description of the database.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.

Parameter	Type	Example	Description
RequestId	String	EAF2AA07-860D-43DA-BEE8-1E43AAE024ED	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=ModifyDatabase
&DbPassword=password
&DbType=MySQL
&DbUserName=dg_test
&Host=11.163.23.109
&InstanceId=db
&Port=3440
&<Common request parameters>
```

Sample success responses

`XML` format

```
<ModifyDatabaseResponse>
    <RequestId>EAF2AA07-860D-43DA-BEE8-1E43AAE024ED</RequestId>
</ModifyDatabaseResponse>
```

`JSON` format

```
{
 "RequestId":"EAF2AA07-860D-43DA-BEE8-1E43AAE024ED"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.11. DeleteDatabase

You can call this operation to delete a database.

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	DeleteDatabase	The operation that you want to perform. Set the value to **DeleteDatabase**.
InstanceId	String	Yes	z8gw7qdjm361b4i	The ID of the database instance.

Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Data	String	xxx	The returned result.
ErrorMsg	String	None	The error message.
RequestId	String	CDDAAA07-D806-AG67-BEE8-1E43AAE024DC	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=DeleteDatabase
&InstanceId=z8gw7qdjm361b4i
&<Common request parameters>
```

Sample success responses

`XML` format

```
<DeleteDatabaseResponse>
    <RequestId>CDDAAA07-D806-AG67-BEE8-1E43AAE024DC</RequestId>
</DeleteDatabaseResponse>
```

`JSON` format

```
{
 "RequestId":"CDDAAA07-D806-AG67-BEE8-1E43AAE024DC"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.12. GetUserGateways

You can call this operation to obtain the list of gateways.

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	GetUserGateways	The operation that you want to perform. Set the value to GetUserGateways.
PageNumber	Integer	No	1	The number of the page to return. Pages start from page 1.
PageSize	Integer	No	20	The number of entries to return on each page. Valid values: 1 to 3000.
SearchKey	String	No	Routine	The gateway name or remark keyword used to query gateways in fuzzy match mode.

Response parameters

Parameter	Type	Example	Description
Code	String	200	The status code.
Count	Integer	50	The total number of entries returned.

Parameter	Type	Example	Description
Data	String	[{\"gatewayDesc\":\"i-11x8wqo6w\",\"gatewayId\":\"dg-c5n5913zl54f7h7z\",\"gatewayName\":\"TestLinux\",\"gmtCreate\":1563430627000,\"gmtCreateString\":\"2019-07-18 14:17\",\"gmtModified\":1568881049000,\"gmtModifiedString\":\"2019-09-19 16:17\",\"hosts\":\"10.25.37.78\",\"parentId\":\"1673826650152166\",\"status\":\"RUNNING\",\"userId\":\"1673826650152166\"}]	The gateway information.
ErrorMsg	String	""	The error message.
RequestId	String	E68F1794-354B-4F18-AA6D-1F00353E632E	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=GetUserGateways
&PageNumber=1
&PageSize=30
&<Common request parameters>
```

Sample success responses

`XML` format

```
<GetUserGatewaysResponse>
    <RequestId>31728E14-8164-49C3-928B-044E93B8A11E</RequestId>
    <ErrorMsg></ErrorMsg>
    <Data>[{"gatewayDesc":"Alibaba Cloud Database Gateway","gatewayId":"dg-c34g913zl54f7h7z","gatewayName":"Production environment","gmtCreate":1563430627000,"gmtCreateString":"2019-07-18 14:17","gmtModified":1568881049000,"gmtModifiedString":"2019-09-19 16:17","hosts":"10.25.37.78","parentId":"123123","status":"RUNNING","userId":"123123"}]</Data>
    <Count>1</Count>
    <Code>200</Code>
    <Success>true</Success>
</GetUserGatewaysResponse>
```

`JSON` format

```
{
 "Data":"[{\"gatewayDesc\":\"Alibaba Cloud Database Gateway\",\"gatewayId\":\"dg-c34g913zl54f7h7z\",\"gatewayName\":\"Production environment\",\"gmtCreate\":1563430627000,\"gmtCreateString\":\"2019-07-18 14:17\",\"gmtModified\":1568881049000,\"gmtModifiedString\":\"2019-09-19 16:17\",\"hosts\":\"10.25.37.78\",\"parentId\":\"123123\",\"status\":\"RUNNING\",\"userId\":\"123123\"}]",
 "Count":1,
 "RequestId":"31728E14-8164-49C3-928B-044E93B8A11E",
 "ErrorMsg":"",
 "Success":true,
 "Code":"200"
}
```

Error codes

For a list of error codes, visit the API Error Center.

3.13. FindUserGatewayById

You can call this operation to obtain the detailed information of a gateway based on the gateway ID.

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	FindUserGatewayById	The operation that you want to perform. Set the value to FindUserGatewayById.
GatewayId	String	Yes	dg-yhss6sdlaffaq68	The ID of the gateway.

Response parameters

Parameter	Type	Example	Description
Code	String	200	The status code.
Data	String	{\"gatewayDesc\":\"Alibaba Cloud Database Gateway\",\"gatewayId\":\"dg-c34g913zl54f7h7z\",\"gatewayName\":\"Production environment\",\"gmtCreate\":1563430627000,\"gmtCreateString\":\"2019-07-18 14:17\",\"gmtModified\":1568881049000,\"gmtModifiedString\":\"2019-09-19 16:17\",\"hosts\":\"10.25.37.78\",\"parentId\":\"123123\",\"status\":\"RUNNING\",\"userId\":\"123123\",\"regionId\":\"cn-hangzhou\"}	The detailed information of the gateway.
ErrorMsg	String	""	The error message.
RequestId	String	31728E14-8164-49C3-928B-044E93B8A11E	The ID of the request.
Success	Boolean	true	Indicates whether the call is successful.

Examples

Sample requests

```
http(s)://dg.[regionId].aliyuncs.com/?Action=FindUserGatewayById
&GatewayId=dg-yhss6sdlaffaq68
&<Common request parameters>
```

Sample success responses

`XML` format

```
<FindUserGatewayByIdResponse>
    <RequestId>31728E14-8164-49C3-928B-044E93B8A11E</RequestId>
    <ErrorMsg></ErrorMsg>
    <Data>{"gatewayDesc":"Alibaba Cloud Database Gateway","gatewayId":"dg-c34g913zl54f7h7z","gatewayName":"Production environment","gmtCreate":1563430627000,"gmtCreateString":"2019-07-18 14:17","gmtModified":1568881049000,"gmtModifiedString":"2019-09-19 16:17","hosts":"10.25.37.78","parentId":"123123","status":"RUNNING","userId":"123123","regionId":"cn-hangzhou"}</Data>
    <Code>200</Code>
    <Success>true</Success>
</FindUserGatewayByIdResponse>
```

`JSON` format

```
{
 "Data":"{\"gatewayDesc\":\"Alibaba Cloud Database Gateway\",\"gatewayId\":\"dg-c34g913zl54f7h7z\",\"gatewayName\":\"Production environment\",\"gmtCreate\":1563430627000,\"gmtCreateString\":\"2019-07-18 14:17\",\"gmtModified\":1568881049000,\"gmtModifiedString\":\"2019-09-19 16:17\",\"hosts\":\"10.25.37.78\",\"parentId\":\"123123\",\"status\":\"RUNNING\",\"userId\":\"123123\",\"regionId\":\"cn-hangzhou\"}",
 "RequestId":"31728E14-8164-49C3-928B-044E93B8A11E",
 "ErrorMsg":"",
 "Success":true,
 "Code":"200"
}
```

Error codes

For a list of error codes, visit the API Error Center.