

# Alibaba Cloud Direct Mail **API Reference**

**Issue: 20200302**

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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.	 <b>Danger:</b> 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.	 <b>Warning:</b> 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.	 <b>Notice:</b> 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.	 <b>Note:</b> 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.
<b>Bold</b>	<b>Bold formatting is used for buttons, menus, page names, and other UI elements.</b>	Click <b>OK</b> .
Courier font	<b>Courier font is used for commands.</b>	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	<b>Italic formatting is used for parameters and variables.</b>	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[ ] or [a b]	<b>This format is used for an optional value, where only one item can be selected.</b>	<code>ipconfig [-all -t]</code>

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



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# 1 Query account information

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## 1.1 DescAccountSummary

**Queries the detailed information of an Alibaba Cloud account.**

### 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
AccessKeyId	String	No	your_accesskey_id	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DescAccountSummary	The operation that you want to perform. Set the value to DescAccountSummary.

### Response parameters

Parameter	Type	Example	Description
DailyQuota	Integer	2000	The maximum number of emails that you can send every day.
DayuStatus	Integer	0	Indicates whether you have enabled the Short Message Service .
Domains	Integer	1	The number of domain names.
EnableTimes	Integer	0	Indicates how many times you have enabled the Direct Mail service.

Parameter	Type	Example	Description
MailAddresses	Integer	0	The number of sender addresses.
MaxQuotaLevel	Integer	10	The highest privilege level of users.
MonthQuota	Integer	60000	The maximum number of emails that you can send every month.
QuotaLevel	Integer	2	The current privilege level.
Receivers	Integer	0	The number of recipients.
RequestId	String	82B295BB-7E69-491F-9896-ECEAFF09E1A4	The ID of the request.
Tags	Integer	0	The number of tags.
Templates	Integer	1	The number of templates.
UserStatus	Integer	0	The status of the account. Valid values: 0 to 3. 0: indicates that your account is available. 1: indicates that your account is frozen. 2: indicates that you have overdue payments. 3: indicates that you cannot send emails.

## Samples

### Sample requests

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

### Sample success responses

#### XML format

```
<DescAccountSummaryResponse>
  <DayuStatus>0</DayuStatus>
```

```
<SmsRecord>0</SmsRecord>
<SmsSign>0</SmsSign>
<UserStatus>0</UserStatus>
<SmsTemplates>0</SmsTemplates>
<Templates>1</Templates>
<Domains>1</Domains>
<MonthQuota>60000</MonthQuota>
<Tags>0</Tags>
<QuotaLevel>2</QuotaLevel>
<EnableTimes>0</EnableTimes>
<RequestId>82B295BB-7E69-491F-9896-ECEAFF09E1A4</RequestId>
<MaxQuotaLevel>10</MaxQuotaLevel>
<MailAddresses>0</MailAddresses>
<DailyQuota>2000</DailyQuota>
<Receivers>0</Receivers>
</DescAccountSummaryResponse>
```

### JSON format

```
{
  "DayuStatus":0,
  "SmsRecord":0,
  "SmsSign":0,
  "UserStatus":0,
  "SmsTemplates":0,
  "Templates":1,
  "Domains":1,
  "MonthQuota":60000,
  "Tags":0,
  "QuotaLevel":2,
  "EnableTimes":0,
  "RequestId":"82B295BB-7E69-491F-9896-ECEAFF09E1A4",
  "MailAddresses":0,
  "MaxQuotaLevel":10,
  "Receivers":0,
  "DailyQuota":2000
}
```

### Error codes

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

## 2 Manage domain names

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### 2.1 ModifyPWByDomain

Sets the SMTP password for a domain name.

#### 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
DomainName	String	Yes	abc.com	The domain name. It must be 1 to 50 characters in length and can contain digits, letters, periods (.), hyphens (-).
Password	String	Yes	pwd	The password.
Action	String	No	ModifyPWByDomain	The operation that you want to perform. Set the value to ModifyPWByDomain.

#### Response parameters

Parameter	Type	Example	Description
Code	String	OK	The status code.
Message	String	The request is successful.	The description of the status code.
RequestId	String	02B2A890-CBD8-4806-9BCA-C93190CE7EF6	The ID of the request.

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

## Examples

### Sample requests

```
http(s)://dm.aliyuncs.com/? Action=ModifyPwByDomain
&DomainName=abc.com
&Password=pwd
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<ModifyPwByDomainResponse>
  <RequestId>02B2A890-CBD8-4806-9BCA-C93190CE7EF6</RequestId>
  <Code>OK</Code>
  <Message>xxx</Message>
  <Success>>true</Success>
</ModifyPwByDomainResponse>
```

#### JSON format

```
{
  "Message": "xxx",
  "RequestId": "02B2A890-CBD8-4806-9BCA-C93190CE7EF6",
  "Success": "true",
  "Code": "OK"
}
```

## Error codes

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

## 2.2 CreateDomain

Creates a domain name.

### 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
DomainName	String	Yes	abc.com	The domain name. It must be 1 to 50 characters in length and can contain digits, letters, periods (.), and hyphens (-).
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CreateDomain	The operation that you want to perform. Set the value to CreateDomain.

## Response parameters

Parameter	Type	Example	Description
DomainId	String	158910	The ID of the domain name.
RequestId	String	B49AD828-25D1-488C-90B7-8853C1944486	The ID of the request.

## Examples

## Sample requests

```
http(s)://dm.aliyuncs.com/? Action=CreateDomain
&DomainName=abc.com
&<Common request parameters>
```

## Sample success responses

## XML format

```
<CreateDomainResponse>
  <RequestId>B49AD828-25D1-488C-90B7-8853C1944486</RequestId>
  <DomainId>158910</DomainId>
</CreateDomainResponse>
```

## JSON format

```
{
```

```
"RequestId":"B49AD828-25D1-488C-90B7-8853C1944486",
"DomainId":158910
}
```

Error codes

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

## 2.3 CheckDomain

Verifies a domain name.

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
DomainId	Integer	Yes	153345	The ID of the domain name.
AccessKeyId	String	No	xx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CheckDomain	The operation that you want to perform. Set the value to CheckDomain.

## Response parameters

Parameter	Type	Example	Description
<b>DomainStatus</b>	<b>Integer</b>	<b>1</b>	<p>The status of the domain name . Indicates whether the domain name is verified and available.</p> <ul style="list-style-type: none"> <li>• <b>0:</b> indicates that the domain name is verified and available.</li> <li>• <b>1:</b> indicates that the domain name fails to be verified and is unavailable.</li> <li>• <b>2:</b> indicates that the domain name is available, but not filed or configured with a CNAME record.</li> <li>• <b>3:</b> indicates that the domain name is available but not filed.</li> <li>• <b>4:</b> indicates that the domain name is available but not configured with a CNAME record.</li> </ul>
<b>RequestId</b>	<b>String</b>	<b>F0B82E83-A1D9-4FE6-97D2-F4B231F80B02</b>	<b>The ID of the request.</b>

## Examples

**Sample requests**

```
http(s)://dm.aliyuncs.com/? Action=CheckDomain
&DomainId=153345
&<Common request parameters>
```

**Sample success responses****XML format**

```
<CheckDomainResponse>
  <DomainStatus>1</DomainStatus>
  <RequestId>F0B82E83-A1D9-4FE6-97D2-F4B231F80B02</RequestId>
</CheckDomainResponse>
```

**JSON format**

```
{
```



```
"RequestId":"F0B82E83-A1D9-4FE6-97D2-F4B231F80B02",
"DomainStatus":1
}
```

Error codes

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

## 2.4 QueryDomainByParam

Queries a list of domain names.

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
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	QueryDomainByParam	The operation that you want to perform. Set the value to QueryDomainByParam.
KeyWord	String	No	abc.com	The domain name. It must be 1 to 50 characters in length and can contain digits, letters, periods (.), and hyphens (-).
PageNo	Integer	No	1	The number of the page to return. Default value: 1.
PageSize	Integer	No	10	The number of entries to return on each page. Default value: 10.
Status	Integer	No	0	<ul style="list-style-type: none"> <li>• 0: normal</li> <li>• 1: abnormal</li> </ul>

## Response parameters

Parameter	Type	Example	Description
PageNumber	Integer	1	The page number of the returned page.
PageSize	Integer	50	The number of entries returned per page.
RequestId	String	8C90CCD3-627C-4F87-AD8C-2F03146071EB	The ID of the request.
TotalCount	Integer	2	The total number of domain names.
data			The information about domain names.
domain			The information about domain names.
CnameAuthStatus	String	0	Indicates whether your ownership of the domain is verified.
ConfirmStatus	String	0	Indicates whether the CNAME record is successfully verified. Valid values: 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.
CreateTime	String	2019-09-29T13:28Z	The time when the DNS record was created.
DomainId	String	158923	The ID of the domain name.
DomainName	String	vmeixme.com	The domain name.

Parameter	Type	Example	Description
<b>DomainStatus</b>	<b>String</b>	<b>0</b>	<p>The status of the domain name.</p> <p>Valid values: 0 to 4.</p> <ul style="list-style-type: none"> <li>• <b>0:</b> indicates that the domain name is verified and available.</li> <li>• <b>1:</b> indicates that the domain name fails to be verified and is unavailable.</li> <li>• <b>2:</b> indicates that the domain name is available, but not filed or configured with a CNAME record.</li> <li>• <b>3:</b> indicates that the domain name is available but not filed.</li> <li>• <b>4:</b> indicates that the domain name is available but not configured with a CNAME record.</li> </ul>
<b>IcpStatus</b>	<b>String</b>	<b>1</b>	<p>The status of ICP filing. Valid values: 0 and 1.</p> <ul style="list-style-type: none"> <li>• <b>1:</b> indicates that the domain name is filed.</li> <li>• <b>0:</b> indicates that the domain name is not filed.</li> </ul>
<b>MxAuthStatus</b>	<b>String</b>	<b>0</b>	<p>Indicates whether the MX record is successfully verified. Valid values : 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.</p>
<b>SpfAuthStatus</b>	<b>String</b>	<b>0</b>	<p>Indicates whether the SPF record is successfully verified. Valid values: 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.</p>

Parameter	Type	Example	Description
UtcCreateTime	Long	1569734892	The time when the DNS record was created. The time is displayed in UTC.

## Examples

### Sample requests

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

### Sample success responses

#### JSON format

```
{
  "PageNumber":1,
  "TotalCount":2,
  "PageSize":50,
  "RequestId":"8C90CCD3-627C-4F87-AD8C-2F03146071EB",
  "data":{
    "domain":[
      {
        "MxAuthStatus":1,
        "UtcCreateTime":1569734892,
        "IcpStatus":1,
        "SpfAuthStatus":1,
        "DomainStatus":1,
        "CreateTime":"2019-09-29T13:28Z",
        "ConfirmStatus":1,
        "DomainName":"vmeixme.com",
        "DomainId":158923,
        "CnameAuthStatus":1,
        "DomainRecord":"6bd86901b9fe4618a046"
      },
      {
        "MxAuthStatus":1,
        "UtcCreateTime":1569731275,
        "IcpStatus":1,
        "SpfAuthStatus":1,
        "DomainStatus":1,
        "CreateTime":"2019-09-29T12:27Z",
        "ConfirmStatus":1,
        "DomainName":"abc.com",
        "DomainId":158910,
        "CnameAuthStatus":1,
        "DomainRecord":"0c40d5f125af4e42892a"
      }
    ]
  }
}
```

```
}

```

Error codes

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

## 2.5 DescDomain

**Configures a domain name.**

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
DomainId	Integer	Yes	13464	The ID of the domain name.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DescDomain	The operation that you want to perform. Set the value to DescDomain.

Response parameters

Parameter	Type	Example	Description
CnameAuthStatus	String	1	Indicates whether your ownership of the domain is verified.
CnameConfirmStatus	String	0	Indicates whether the CNAME record is successfully verified. Valid values: 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.

Parameter	Type	Example	Description
CnameRecord	String	dmtrace	The value of the CNAME record.
CreateTime	String	2019-09-29T12:49Z	The time when the DNS record was created.
DefaultDomain	String	0	The default domain name.
DnsMx	String	abc-com.xxxx.com	The value of the MX record.
DnsSpf	String	v=xxxx	The value of the SPF record.
DnsTxt	String	121309ohdsa	The value of the TXT ownership record.
DomainId	String	158910	The ID of the domain name.
DomainName	String	abc.com	The domain name.
DomainStatus	String	1	<p>The status of the domain name . Indicates whether the domain name is verified and available.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>• <b>0:</b> indicates that the domain name is verified and available.</li> <li>• <b>1:</b> indicates that the domain name fails to be verified and is unavailable.</li> <li>• <b>2:</b> indicates that the domain name is available, but not filed or configured with a CNAME record.</li> <li>• <b>3:</b> indicates that the domain name is available but not filed.</li> <li>• <b>4:</b> indicates that the domain name is available but not configured with a CNAME record.</li> </ul>

Parameter	Type	Example	Description
DomainType	String	0c40d5f125af4e42892a	The type of the domain.
IcpStatus	String	1	The status of ICP filing. Valid values: 0 and 1. 1: indicates that the domain name is filed. 0: indicates that the domain name is not filed.
MxAuthStatus	String	1	Indicates whether the MX record is successfully verified. Valid values : 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.
MxRecord	String	mx01.dm.aliyun.com	The MX verification record provided by Alibaba Cloud DNS.
RequestId	String	51B74264-46B4-43C8-A9A0-6B8E8BC04F34	The ID of the request.
SpfAuthStatus	String	1	Indicates whether the SPF record is successfully verified. Valid values: 0 and 1. 0: indicates the verification is successful. 1: indicates that the verification fails.
SpfRecord	String	include:spf1.dm.aliyun.com	The SPF verification record provided by Alibaba Cloud DNS.
TldomainName	String	abc.com	The primary domain name.
TraceRecord	String	tracedm.aliyuncs.com	The CNAME verification record provided by Alibaba Cloud DNS.

## Samples

### Sample requests

```
http(s)://dm.aliyuncs.com/? Action=DescDomain
&DomainId=13464
&<Common request parameters>
```

### Sample success responses

#### JSON format

```
{
  "MxAuthStatus":1,
  "DnsMx":"abc-com.mail.protection.outlook.com",
  "IcpStatus":1,
  "TracefRecord":"tracedm.aliyuncs.com",
  "DnsSpf":"v=spf1 include:spf.disney.com -all",
  "DomainStatus":1,
  "DefaultDomain":0,
  "CnameConfirmStatus":1,
  "TlDomainName":"abc.com",
  "MxRecord":"mx01.dm.aliyun.com",
  "SpfRecord":"include:spf1.dm.aliyun.com",
  "CnameRecord":"dmtrace",
  "SpfAuthStatus":1,
  "CreateTime":"2019-09-29T12:49Z",
  "RequestId":"51B74264-46B4-43C8-A9A0-6B8E8BC04F34",
  "DomainType":"0c40d5f125af4e42892a",
  "DomainName":"abc.com",
  "DomainId":158910,
  "CnameAuthStatus":1
}
```

## Error codes

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



## 3 Manage sender addresses

### 3.1 CreateMailAddress

Creates a sender address.

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
AccountName	String	Yes	<Account name>+@+< domain name >	The sender address.
Sendtype	String	Yes	batch	The email type. Valid values: <ul style="list-style-type: none"> <li>batch: batch emails</li> <li>trigger: triggered emails</li> </ul>
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CreateMail Address	The operation that you want to perform. Set the value to CreateMailAddress.
ReplyAddress	String	No	reply@aliyun.com	The reply-to address.

Response parameters

Parameter	Type	Example	Description
MailAddressId	String	xxx	The ID of the sender address.

Parameter	Type	Example	Description
<b>RequestId</b>	<b>String</b>	<b>95A7D497-F8DD-4834-B81E-C1783236E55F</b>	<b>The ID of the request.</b>

## Examples

### Sample requests

```
http(s)://dm.aliyuncs.com/? Action=CreateMailAddress
&Sendtype=batch
&<Common request parameters>
```

### Sample success responses

#### XML format

```
<CreateMailAddressResponse>
  <RequestId>95A7D497-F8DD-4834-B81E-C1783236E55F</RequestId>
  <MailAddressId>xxxx</MailAddressId>
</CreateMailAddressResponse>
```

#### JSON format

```
{
  "MailAddressId": "xxxx",
  "RequestId": "95A7D497-F8DD-4834-B81E-C1783236E55F"
}
```

## Error codes

HTTP status code	Error code	Error message	Description
400	<b>InvalidMailAddressSendType.Malformed</b>	<b>The specified mailAddress sendType is wrongly formed.</b>	<b>The error message returned because the specified email type is invalid. Log on to the console and select a valid email type.</b>

HTTP status code	Error code	Error message	Description
400	InvalidMailAddressDomainMalformed	The specified mailAddresses domain does not exist.	The error message returned because the format of the domain name is invalid. A domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidMailAddressStatusMalformed	The specified mailAddresses status is wrongly formed.	The error message returned because the status of the sender address is invalid. Check whether the sender address is frozen.

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

## 3.2 ModifyMailAddress

Sets the SMTP password.

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
MailAddressId	Integer	Yes	1344565	The ID of the sender address.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.

Parameter	Type	Required	Example	Description
Action	String	No	ModifyMailAddress	The operation that you want to perform. Set the value to ModifyMailAddress.
Password	String	No	pwd129WDCft9	The password. It must be 10 to 20 characters in length and must contain all the following types of characters: uppercase letters, lowercase letters, and digits.
ReplyAddress	String	No	reply@aliyun.com	The reply-to address.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

## Sample requests

```
http(s)://dm.aliyuncs.com/? Action=ModifyMailAddress
&MailAddressId=1344565
&<Common request parameters>
```

## Sample success responses

## XML format

```
<ModifyMailAddressResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</ModifyMailAddressResponse>
```

## JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
```

}

## Error codes

HTTP status code	Error code	Error message	Description
400	InvalidMailAddressSendType.Malformed	The specified mailAddresses sendType is wrongly formed.	The error message returned because the specified email type is invalid. Log on to the console and select a valid email type.
400	InvalidMailAddressDomain.Malformed	The specified mailAddresses domain does not exist.	The error message returned because the format of the domain name is invalid. A domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidMailAddressStatus.Malformed	The specified mailAddresses status is wrongly formed.	The error message returned because the status of the sender address is invalid. Check whether the sender address is frozen.

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

### 3.3 DeleteMailAddress

Deletes a sender address.

#### 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
MailAddressId	Integer	Yes	23457	The ID of the sender address.
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DeleteMailAddress	The operation that you want to perform. Set the value to DeleteMailAddress.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

## Sample requests

```
http(s)://dm.aliyuncs.com/? Action=DeleteMailAddress
&MailAddressId=23457
&<Common request parameters>
```

## Sample success responses

## XML format

```
<DeleteMailAddressResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</DeleteMailAddressResponse>
```

## JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
```

}

## Error codes

HTTP status code	Error code	Error message	Description
400	InvalidMailAddressSendType.Malformed	The specified mailAddresses sendType is wrongly formed.	The error message returned because the specified email type is invalid. Log on to the console and select a valid email type.
400	InvalidMailAddressDomain.Malformed	The specified mailAddresses domain does not exist.	The error message returned because the format of the domain name is invalid. A domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidMailAddressStatus.Malformed	The specified mailAddresses status is wrongly formed.	The error message returned because the status of the sender address is invalid. Check whether the sender address is frozen.

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

### 3.4 ApproveReplyMailAddress

Verifies a reply-to address.

#### 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
Ticket	String	Yes	ticket	The token that is included in the specified URL of the verification email.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	ApproveReplyMailAddress	The operation that you want to perform. Set the value to ApproveReplyMailAddress.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

## Sample requests

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

## Sample success responses

## XML format

```
<ApproveReplyMailAddressResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</ApproveReplyMailAddressResponse>
```

## JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
```



}

## Error codes

HTTP status code	Error code	Error message	Description
400	InvalidMailAddressSendType.Malformed	The specified mailAddresses sendType is wrongly formed.	The error message returned because the specified email type is invalid. Log on to the console and select a valid email type.
400	InvalidMailAddressDomain.Malformed	The specified mailAddresses domain does not exist.	The error message returned because the format of the domain name is invalid. A domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidMailAddressStatus.Malformed	The specified mailAddresses status is wrongly formed.	The error message returned because the status of the sender address is invalid. Check whether the sender address is frozen.

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

### 3.5 CheckReplyToMailAddress

Sends a verification email to the specified reply-to address.

#### 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
MailAddressId	Integer	Yes	126545	The ID of the sender address.
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CheckReplyToMailAddress	The operation that you want to perform. Set the value to CheckReplyToMailAddress.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

## Sample requests

```
http(s)://dm.aliyuncs.com/? Action=CheckReplyToMailAddress
&MailAddressId=126545
&<Common request parameters>
```

## Sample success responses

## XML format

```
<CheckReplyToMailAddressResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</CheckReplyToMailAddressResponse>
```

## JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
```

}

## Error codes

HTTP status code	Error code	Error message	Description
400	InvalidMailAddressSendType.Malformed	The specified mailAddress sendType is wrongly formed.	The error message returned because the specified email type is invalid. Log on to the console and select a valid email type.
400	InvalidMailAddressDomain.Malformed	The specified mailAddress domain does not exist.	The error message returned because the format of the domain name is invalid. A domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidMailAddressStatus.Malformed	The specified mailAddress status is wrongly formed.	The error message returned because the status of the sender address is invalid. Check whether the sender address is frozen.

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

## 4 Manage recipients

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### 4.1 CreateReceiver

**Creates a recipient 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
ReceiversAlias	String	Yes	vme	The alias of the recipient list.
ReceiversName	String	Yes	xme	The name of the recipient list.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CreateReceiver	The operation that you want to perform. Set the value to CreateReceiver.
Desc	String	No	The description of the recipient list.	Description

Response parameters

Parameter	Type	Example	Description
ReceiverId	String	xxxx	The ID of the recipient list.
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

**Sample requests**

```
http(s)://dm.aliyuncs.com/? Action=CreateReceiver
&ReceiversAlias=vme
&ReceiversName=xme
&<Common request parameters>
```

**Sample success responses****XML format**

```
<CreateReceiverResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
  <ReceiverId>xxxx</ReceiverId>
</CreateReceiverResponse>
```

**JSON format**

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837",
  "ReceiverId": "xxxx"
}
```

## Error codes

HTTP status code	Error code	Error message	Description
400	<b>InvalidReceiverName.Malformed</b>	<b>The specified receiver name is wrongly formed.</b>	<b>The error message returned because the format of the recipient's email address is invalid . An email address must contain an account name , an at sign, and a domain name. The account name and domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).</b>

HTTP status code	Error code	Error message	Description
400	InvalidReceiverStatus.Malformed	The specified receivers status is wrongly formed.	The error message returned because the status of the recipient is invalid. Check whether the recipient has been uploaded to the console.

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

## 4.2 DeleteReceiver

Deletes a recipient 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
ReceiverId	String	Yes	1453	The ID of the recipient list.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DeleteReceiver	The operation that you want to perform. Set the value to DeleteReceiver.

Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

**Sample requests**

```
http(s)://dm.aliyuncs.com/? Action=DeleteReceiver
&ReceiverId=1453
&<Common request parameters>
```

**Sample success responses****XML format**

```
<DeleteReceiverResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</DeleteReceiverResponse>
```

**JSON format**

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
}
```

## Error codes

HTTP status code	Error code	Error message	Description
400	<b>InvalidReceiverName.Malformed</b>	<b>The specified receiver name is wrongly formed.</b>	<b>The error message returned because the format of the recipient's email address is invalid . An email address must contain an account name , an at sign, and a domain name. The account name and domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).</b>
400	<b>InvalidReceiverStatus.Malformed</b>	<b>The specified receivers status is wrongly formed.</b>	<b>The error message returned because the status of the recipient is invalid. Check whether the recipient has been uploaded to the console.</b>

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

## 4.3 DeleteReceiverDetail

**Deletes a recipient.**

### 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
ReceiverId	String	Yes	123534	The ID of the recipient list.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DeleteReceiverDetail	The operation that you want to perform. Set the value to DeleteReceiverDetail.
Email	String	No	<account name>+@+< domain name >	The email address of the recipient.

### Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

### Examples

#### Sample requests

```
http(s)://dm.aliyuncs.com/? Action=DeleteReceiverDetail
&ReceiverId=123534
```



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

## Sample success responses

### XML format

```
<DeleteReceiverDetailResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</DeleteReceiverDetailResponse>
```

### JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
}
```

## Error codes

HTTP status code	Error code	Error message	Description
400	InvalidReceiverName.Malformed	The specified receiver name is wrongly formed.	The error message returned because the format of the recipient's email address is invalid. An email address must contain an account name, an at sign, and a domain name. The account name and domain name must contain digits, letters, underscores (_), hyphens (-), and periods (.).
400	InvalidReceiverStatus.Malformed	The specified receivers status is wrongly formed.	The error message returned because the status of the recipient is invalid. Check whether the recipient has been uploaded to the console.

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

## 5 Send emails

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## 6 Manage tags

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### 6.1 CreateTag

**Creates a tag.**

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
TagName	String	Yes	vme	The name of the tag.
AccessKeyId	String	No	xxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	CreateTag	The operation that you want to perform. Set the value to CreateTag.

Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.
TagId	String	xxxx	The ID of the tag.

Examples

#### Sample requests

```
http(s)://dm.aliyuncs.com/? Action=CreateTag
&TagName=vme
```

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

### Sample success responses

#### XML format

```
<CreateTagResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
  <TagId>xxxx</TagId>
</CreateTagResponse>
```

#### JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837",
  "TagId": "xxxx"
}
```

Error codes

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

## 6.2 DeleteTag

Deletes a tag.

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
TagId	Integer	Yes	123	The ID of the tag.
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	DeleteTag	The operation that you want to perform. Set the value to DeleteTag.

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

**Sample requests**

```
http(s)://dm.aliyuncs.com/? Action=DeleteTag
&TagId=123
&<Common request parameters>
```

**Sample success responses****XML format**

```
<DeleteTagResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</DeleteTagResponse>
```

**JSON format**

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
}
```

## Error codes

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

## 6.3 ModifyTag

**Modifies a tag.**

## 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
TagId	Integer	Yes	123	The ID of the tag.
TagName	String	Yes	vme	The name of the tag.
AccessKeyId	String	No	xxxx	The AccessKey ID provided to you by Alibaba Cloud.
Action	String	No	ModifyTag	The operation that you want to perform. Set the value to <b>ModifyTag</b> .

## Response parameters

Parameter	Type	Example	Description
RequestId	String	10A1AD70-E48E-476D-98D9-39BD92193837	The ID of the request.

## Examples

## Sample requests

```
http(s)://dm.aliyuncs.com/? Action=ModifyTag
&TagId=123
&TagName=vme
&<Common request parameters>
```

## Sample success responses

## XML format

```
<ModifyTagResponse>
  <RequestId>10A1AD70-E48E-476D-98D9-39BD92193837</RequestId>
</ModifyTagResponse>
```

## JSON format

```
{
  "RequestId": "10A1AD70-E48E-476D-98D9-39BD92193837"
```

```
}
```

## Error codes

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