AmazonSES Package

Amazon SES is an email platform that provides an easy, cost-effective way for you to send and receive email using your own email addresses and domains.

- Domain: AmazonSES
- Credentials: apiKey, apiSecret

How to get credentials:

1. Go to Amazon Console
2. Log in or create new account
3. In the dropdown from your username, select 'My Security Credentials'
4. On the left side, select 'Groups' and create a new Group with the necessary polices
5. Create new user and assign to existing group
6. After creating user you will see credentials

Custom datatypes:

Datatype	Description	Example
Datepicker	String which includes date and time	`2016-05-28 00:00:00`
Map	String which includes latitude and longitude coma separated	`50.37, 26.56`
List	Simple array	`["123", "sample"]`
Select	String with predefined values	`sample`
Array	Array of objects	`[{"Second name":"123","Age":"12","Photo":"sdf","Draft":"sdfsdf"},{"name":"adi","Second name":"bla","Age":"4","Photo":"asfserwe","Draft":"sdfsdf"}]`

AmazonSES.createConfigurationSet

Creates a configuration set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
configurationName	String	The name of the configuration set. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), underscores (_), or dashes (-). Contain less than 64 characters.

AmazonSES.createConfigurationSetEventDestination

Creates a configuration set event destination. An event destination is the AWS service to which Amazon SES publishes the email sending events associated with a configuration set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
configurationName	String	The name of the configuration set to which to apply the event destination.
destinationName	String	The name of the event destination. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), underscores (_), or dashes (-). Contain less than 64 characters.
matchingEventTypes	List	Array of strings. The type of email sending events to publish to the event destination. Valid Values: send; reject; bounce; complaint; delivery
enabled	String	Sets whether Amazon SES publishes events to this destination when you send an email with the associated configuration set. Set to true to enable publishing to this destination; set to false to prevent publishing to this destination. The default value is false.
cloudWatchDestination	JSON	An object that contains the names, default values, and sources of the dimensions associated with an Amazon CloudWatch event destination. See README for more details.
deliveryStreamARN	String	The ARN of the Amazon Kinesis Firehose stream to which to publish email sending events.
IAMRoleARN	String	The ARN of the IAM role under which Amazon SES publishes email sending events to the Amazon Kinesis Firehose stream.

matchingEventTypes format

```
["send"]
```

cloudWatchDestination format

```
{
    "DimensionConfigurations":[
        {
            "DimensionName":"NewDimension",
            "DimensionValueSource":"messageTag",
            "DefaultDimensionValue":"test"
        }
    ]
}
```

AmazonSES.createReceiptFilter

Creates a new IP address filter.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
name	String	The name of the IP address filter. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), periods (.), underscores (_), or dashes (-). Start and end with a letter or number. Contain less than 64 characters.
CIDR	String	A single IP address or a range of IP addresses that you want to block or allow, specified in Classless Inter-Domain Routing (CIDR) notation. An example of a single email address is 10.0.0.1. An example of a range of IP addresses is 10.0.0.1/24. For more information about CIDR notation, see RFC 2317.
policy	String	Indicates whether to block or allow incoming mail from the specified IP addresses. Valid Values: Block; Allow

AmazonSES.createReceiptRuleSet

Creates an empty receipt rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleSetName	String	The name of the rule set to create. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), periods (.), underscores (_), or dashes (-). Start and end with a letter or number. Contain less than 64 characters.

AmazonSES.cloneReceiptRuleSet

Creates a receipt rule set by cloning an existing one. All receipt rules and configurations are copied to the new receipt rule set and are completely independent of the source rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
originalRuleSetName	String	The name of the rule set to clone.
ruleSetName	String	The name of the rule set to create. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), periods (.), underscores (_), or dashes (-). Start and end with a letter or number. Contain less than 64 characters.

AmazonSES.createReceiptRule

Creates a receipt rule.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleSetName	String	The name of the rule set to which to add the rule.
ruleName	String	The name of the receipt rule. The name must: Contain only ASCII letters (a-z, A-Z), numbers (0-9), periods (.), underscores (_), or dashes (-). Start and end with a letter or number. Contain less than 64 characters.
after	String	The name of an existing rule after which the new rule will be placed. If this parameter is null, the new rule will be inserted at the beginning of the rule list.
actions	JSON	An ordered list of actions to perform on messages that match at least one of the recipient email addresses or domains specified in the receipt rule. See README for more details.
enabled	String	If true, the receipt rule is active. The default value is false.
scanEnabled	String	If true, then messages to which this receipt rule applies are scanned for spam and viruses. The default value is false.
tlsPolicy	String	Specifies whether Amazon SES should require that incoming email is delivered over a connection encrypted with Transport Layer Security (TLS). If this parameter is set to Require, Amazon SES will bounce emails that are not received over TLS. The default is Optional. Valid Values: Require; Optional
recipients	List	Array of strings. The recipient domains and email addresses to which the receipt rule applies.

Field	Type	Description
		If this field is not specified, this rule will match all recipients under all verified domains.

actions format

```
[
    {
      "S3Action": {
        "TopicArn": "string",
        "BucketName": "string",
        "ObjectKeyPrefix": "string",
        "KmsKeyArn": "string"
      },
      "BounceAction": {
        "TopicArn": "string",
        "SmtpReplyCode": "string",
        "StatusCode": "string",
        "Message": "string",
        "Sender": "string"
      },
      "WorkmailAction": {
        "TopicArn": "string",
        "OrganizationArn": "string"
      },
      "LambdaAction": {
        "TopicArn": "string",
        "FunctionArn": "string",
        "InvocationType": "Event"|"RequestResponse"
      },
      "StopAction": {
        "Scope": "RuleSet",
        "TopicArn": "string"
      },
      "AddHeaderAction": {
        "HeaderName": "string",
        "HeaderValue": "string"
      },
      "SNSAction": {
        "TopicArn": "string",
        "Encoding": "UTF-8"|"Base64"
      }
    }
    ...
  ]
```

recipients format

```
["string", ...]
```

AmazonSES.describeActiveReceiptRuleSet

Returns the metadata and receipt rules for the receipt rule set that is currently active.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.

AmazonSES.describeConfigurationSet

Returns the details of the specified configuration set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
configurationSetName	String	The name of the configuration set to describe.
attributeNames	List	Array of strings. A list of configuration set attributes to return. Valid Values: eventDestinations

AmazonSES.describeReceiptRule

Returns the details of the specified receipt rule.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleName	String	The name of the receipt rule.
ruleSetName	String	The name of the receipt rule set to which the receipt rule belongs.

AmazonSES.describeReceiptRuleSet

Returns the details of the specified receipt rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleSetName	String	The name of the receipt rule set to describe.

AmazonSES.getIdentityDkimAttributes

Returns the current status of Easy DKIM signing for an entity. For domain name identities, this action also returns the DKIM tokens that are required for Easy DKIM signing, and whether Amazon SES has successfully verified that these tokens have been published.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identities	List	Array of strings. A list of one or more verified identities - email addresses, domains, or both.

AmazonSES.getIdentityMailFromDomainAttributes

Returns the custom MAIL FROM attributes for a list of identities (email addresses and/or domains).

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identities	List	Array of strings. A list of one or more identities.

AmazonSES.getIdentityNotificationAttributes

Given a list of verified identities (email addresses and/or domains), returns a structure describing identity notification attributes.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identities	List	Array of strings. A list of one or more identities. You can specify an identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.

AmazonSES.getIdentityPolicies

Returns the requested sending authorization policies for the given identity (an email address or a domain). The policies are returned as a map of policy names to policy contents. You can retrieve a maximum of 20 policies at a time.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity for which the policies will be retrieved. You can specify an identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.
policyNames	List	Array of strings. A list of the names of policies to be retrieved. You can retrieve a maximum of 20 policies at a time. If you do not know the names of the policies that are attached to the identity, you can use ListIdentityPolicies.

AmazonSES.getIdentityVerificationAttributes

Given a list of identities (email addresses and/or domains), returns the verification status and (for domain identities) the verification token for each identity.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identities	List	Array of strings. A list of identities. For more details see README.

AmazonSES.getSendQuota

Returns the user's current sending limits.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.

AmazonSES.getSendStatistics

Returns the user's sending statistics. The result is a list of data points, representing the last two weeks of sending activity. Each data point in the list contains statistics for a 15-minute interval.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.

AmazonSES.listConfigurationSets

Lists the configuration sets associated with your AWS account.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
maxItems	String	The number of configuration sets to return.
nextToken	String	A token returned from a previous call to ListConfigurationSets to indicate the position of the configuration set in the configuration set list.

AmazonSES.listIdentities

Returns a list containing all of the identities (email addresses and domains) for your AWS account, regardless of verification status.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identityType	Select	The type of the identities to list. Possible values are "EmailAddress" and "Domain". If this parameter is omitted, then all identities will be listed. Valid Values: EmailAddress; Domain
maxItems	String	The number of configuration sets to return.
nextToken	String	A token returned from a previous call to ListConfigurationSets to indicate the position of the configuration set in the configuration set list.

AmazonSES.listIdentityPolicies

Returns a list of sending authorization policies that are attached to the given identity (an email address or a domain).

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity that is associated with the policy for which the policies will be listed. You can specify an identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.

AmazonSES.listReceiptFilters

Lists the IP address filters associated with your AWS account.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.

AmazonSES.listReceiptRuleSets

Lists the receipt rule sets that exist under your AWS account. If there are additional receipt rule sets to be retrieved, you will receive a NextToken that you can provide to the next call to ListReceiptRuleSets to retrieve the additional entries.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
NextToken	String	A token returned from a previous call to ListReceiptRuleSets to indicate the position in the receipt rule set list.

AmazonSES.putIdentityPolicy

Adds or updates a sending authorization policy for the specified identity (an email address or a domain).

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity to which the policy will apply. You can specify an identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.
policy	JSON	The text of the policy in JSON format. The policy cannot exceed 4 KB. See README for more details.
policyName	String	The name of the policy.

policy format

```
{
 "Id": "SampleAuthorizationPolicy",
 "Version": "2012-10-17",
 "Statement": [
   {
     "Sid": "ControlAction",
     "Effect": "Allow",
     "Resource": "arn:aws:ses:eu-west-1:828310069595:identity/test@test.com",
     "Principal": {"AWS": ["828310069590"]},
     "Action": ["SES:SendRawEmail"]
   }
 ]
}
```

AmazonSES.reorderReceiptRuleSet

Reorders the receipt rules within a receipt rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleNames	List	Array of strings. A list of the specified receipt rule set's receipt rules in the order that you want to put them. See README for more details.
ruleSetName	String	The name of the receipt rule set to reorder.

AmazonSES.sendBounce

Generates and sends a bounce message to the sender of an email you received through Amazon SES. You can only use this API on an email up to 24 hours after you receive it.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
bounceSender	String	The address to use in the "From" header of the bounce message. This must be an identity that you have verified with Amazon SES.
originalMessageId	String	The message ID of the message to be bounced.
bouncedRecipientInfoList	List	A list of recipients of the bounced message, including the information required to create the Delivery Status Notifications (DSNs) for the recipients. You must specify at least one BouncedRecipientInfo in the list. See README for more details.
bounceSenderArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the address in the "From" header of the bounce.
explanation	String	Human-readable text for the bounce message to explain the failure. If not specified, the text will be auto-generated based on the bounced recipient information.
messageDsn	JSON	Message-related DSN fields. If not specified, Amazon SES will choose the values. See README for more details.

bouncedRecipientInfoList format

```json
[
    {
        "Recipient": "test@test.com"
    }
]
```

messageDsn format

```json
{
  "ReportingMta": "string",
  "ArrivalDate": timestamp,
  "ExtensionFields": [
    {
      "Name": "string",
      "Value": "string"
    }
    ...
  ]
}
```

AmazonSES.sendEmail

Composes an email message based on input data, and then immediately queues the message for sending.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
destination	JSON	The destination for this email, composed of To:, CC:, and BCC: fields. See README for more details.
message	JSON	The message to be sent. See README for more details.
fromEmail	String	The email address that is sending the email. This email address must be either individually verified with Amazon SES, or from a domain that has been verified with Amazon SES.
configurationSetName	String	The name of the configuration set to use when you send an email using SendEmail.
replyToAddresses	List	Array of strings. The reply-to email address(es) for the message. If the recipient replies to the message, each reply-to address will receive the reply. See README for more details.
returnPath	String	The email address to which bounces and complaints are to be forwarded when feedback forwarding is enabled.
returnPathArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the ReturnPath parameter.
sourceArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to send for the email address specified in the Source parameter. For example, if

Field	Type	Description
		the owner of example.com (which has ARN arn:aws:ses:us-east-1:123456789012:identity/example.com) attaches a policy to it that authorizes you to send from user@example.com, then you would specify the SourceArn to be arn:aws:ses:us-east-1:123456789012:identity/example.com, and the Source to be user@example.com.
tags	List	A list of tags, in the form of name/value pairs, to apply to an email that you send using SendEmail. Tags correspond to characteristics of the email that you define, so that you can publish email sending events. See README for more details.

```
{
  "ToAddresses": ["string", ...],
  "CcAddresses": ["string", ...],
  "BccAddresses": ["string", ...]
}
```

message format

```
{
  "Subject": {
    "Data": "string",
    "Charset": "string"
  },
  "Body": {
    "Text": {
      "Data": "string",
      "Charset": "string"
    },
    "Html": {
      "Data": "string",
      "Charset": "string"
    }
  }
}
```

replyToAddresses format

```
["test@test.com"]
```

tags format

```
[
  {
    "Name": "string",
    "Value": "string"
  }
  ...
```

```
]
```

AmazonSES.sendPlainEmail

Composes an email plain message based on input data, and then immediately queues the message for sending.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
toEmail	String	The destination for this email.
subject	String	The subject of the email.
message	String	The message of the email.
fromEmail	String	The email address that is sending the email. This email address must be either individually verified with Amazon SES, or from a domain that has been verified with Amazon SES.

AmazonSES.sendRawEmail

Sends an email message, with header and content specified by the client. The SendRawEmail action is useful for sending multipart MIME emails. The raw text of the message must comply with Internet email standards; otherwise, the message cannot be sent.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
rawMessage	JSON	The raw text of the message. See README for more details.
ConfigurationSetName	String	The name of the configuration set to use when you send an email using SendRawEmail.
destinations	List	A list of destinations for the message, consisting of To:, CC:, and BCC: addresses. See README for more details.
fromArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to specify a particular "From" address in the header of the raw email.
returnPathArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the ReturnPath parameter. For example, if the owner of example.com (which has ARN arn:aws:ses:us-east-1:123456789012:identity/example.com) attaches a policy to it that authorizes you to use feedback@example.com, then you would specify the ReturnPathArn to be arn:aws:ses:us-east-1:123456789012:identity/example.com, and the ReturnPath to be feedback@example.com.
source	String	The identity's email address. If you do not provide a value for this parameter, you must

Field	Type	Description
		specify a "From" address in the raw text of the message. (You can also specify both.)
sourceArn	String	This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to send for the email address specified in the Source parameter. For example, if the owner of example.com (which has ARN arn:aws:ses:us-east-1:123456789012:identity/example.com) attaches a policy to it that authorizes you to send from user@example.com, then you would specify the SourceArn to be arn:aws:ses:us-east-1:123456789012:identity/example.com, and the Source to be user@example.com.
tags	List	A list of tags, in the form of name/value pairs, to apply to an email that you send using SendRawEmail. Tags correspond to characteristics of the email that you define, so that you can publish email sending events. See README for more details.

rawMessage format

```
{
    "Data": "From: test@test.com\nTo: to_email@test.com\nSubject: Test email sent
using the AWS CLI (contains an attachment)\nMIME-Version: 1.0\nContent-type:
Multipart/Mixed; boundary=\"NextPart\"\n\n--NextPart\nContent-Type:
text/plain\n\nThis is the message body.\n\n--NextPart\nContent-Type:
text/plain;\nContent-Disposition: attachment; filename=\"attachment.txt\"\n\nThis
is the text in the attachment.\n\n--NextPart--"
}
```

destinations format

```
["test@test.com"]
```

tags format

```
[
  {
    "Name": "string",
    "Value": "string"
  }
  ...
]
```

AmazonSES.setActiveReceiptRuleSet

Sets the specified receipt rule set as the active receipt rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleSetName	String	The name of the receipt rule set to make active. Setting this value to null disables all email receiving.

AmazonSES.setIdentityDkimEnabled

Enables or disables Easy DKIM signing of email

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
dkimEnabled	String	Sets whether DKIM signing is enabled for an identity. Set to true to enable DKIM signing for this identity; false to disable it.
identity	String	The identity for which DKIM signing should be enabled or disabled.

AmazonSES.setIdentityFeedbackForwardingEnabled

Given an identity (an email address or a domain), enables or disables whether Amazon SES forwards bounce and complaint notifications as email. Feedback forwarding can only be disabled when Amazon Simple Notification Service (Amazon SNS) topics are specified for both bounces and complaints.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
forwardingEnabled	String	Sets whether DKIM signing is enabled for an identity. Set to true to enable DKIM signing for this identity; false to disable it.
identity	String	The identity for which to set bounce and complaint notification forwarding. Examples: user@example.com, example.com.

AmazonSES.setIdentityHeadersInNotificationsEnabled

Given an identity (an email address or a domain), sets whether Amazon SES includes the original email headers in the Amazon Simple Notification Service (Amazon SNS) notifications of a specified type.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
enabled	String	Sets whether Amazon SES includes the original email headers in Amazon SNS notifications of the specified notification type. A value of true specifies that Amazon SES will include headers in notifications, and a value of false specifies that Amazon SES will not include headers in notifications.
identity	String	The identity for which to enable or disable headers in notifications. Examples: user@example.com, example.com.
notificationType	String	The notification type for which to enable or disable headers in notifications. Valid Values: Bounce; Complaint; Delivery

AmazonSES.setIdentityMailFromDomain

Enables or disables the custom MAIL FROM domain setup for a verified identity (an email address or a domain).

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The verified identity for which you want to enable or disable the specified custom MAIL FROM domain.
BehaviorOnMXFailure	String	The action that you want Amazon SES to take if it cannot successfully read the required MX record when you send an email. If you choose UseDefaultValue, Amazon SES will use amazonses.com (or a subdomain of that) as the MAIL FROM domain. If you choose RejectMessage, Amazon SES will return a MailFromDomainNotVerified error and not send the email. Valid Values: UseDefaultValue; RejectMessage.
MailFromDomain	String	The custom MAIL FROM domain that you want the verified identity to use. The MAIL FROM domain must 1) be a subdomain of the verified identity, 2) not be used in a "From" address if the MAIL FROM domain is the destination of email feedback forwarding (for more information, see the Amazon SES Developer Guide), and 3) not be used to receive emails. A value of null disables the custom MAIL FROM setting for the identity.

AmazonSES.setIdentityNotificationTopic

Given an identity (an email address or a domain), sets the Amazon Simple Notification Service (Amazon SNS) topic to which Amazon SES will publish bounce, complaint, and/or delivery notifications for emails sent with that identity as the Source.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity for which the Amazon SNS topic will be set. You can specify an identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.
notificationType	String	The type of notifications that will be published to the specified Amazon SNS topic. Valid Values: Bounce; Complaint; Delivery
snsTopic	String	The Amazon Resource Name (ARN) of the Amazon SNS topic. If the parameter is omitted from the request or a null value is passed, SnsTopic is cleared and publishing is disabled.

AmazonSES.setReceiptRulePosition

Sets the position of the specified receipt rule in the receipt rule set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleName	String	The name of the receipt rule to reposition.
ruleSetName	String	The name of the receipt rule set that contains the receipt rule to reposition.
After	String	The name of the receipt rule after which to place the specified receipt rule.

AmazonSES.updateConfigurationSetEventDestination

Updates the event destination of a configuration set.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
Configuration SetName	String	The name of the configuration set that you want to update.
eventDestination	JSON	The event destination object that you want to apply to the specified configuration set. See README for more details.

eventDestination format

```
{
    "CloudWatchDestination":{
        "DimensionConfigurations":[
            {
                "DimensionName":"NewDimension",
                "DimensionValueSource":"messageTag",
                "DefaultDimensionValue":"test"
            }
        ]
    },
    "Name": "Event_destination",
    "MatchingEventTypes": ["send"]
}
```

AmazonSES.updateReceiptRule

Updates a receipt rule.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
rule	JSON	A data structure that contains the updated receipt rule information. See README for more details.
ruleSetName	String	The name of the receipt rule set to which the receipt rule belongs.

rule format

```
{
  "Name": "string",
  "Enabled": true|false,
  "TlsPolicy": "Require"|"Optional",
  "Recipients": ["string", ...],
  "Actions": [
    {
      "S3Action": {
        "TopicArn": "string",
        "BucketName": "string",
        "ObjectKeyPrefix": "string",
        "KmsKeyArn": "string"
      },
      "BounceAction": {
        "TopicArn": "string",
        "SmtpReplyCode": "string",
        "StatusCode": "string",
        "Message": "string",
        "Sender": "string"
      },
      "WorkmailAction": {
        "TopicArn": "string",
        "OrganizationArn": "string"
      },
      "LambdaAction": {
        "TopicArn": "string",
        "FunctionArn": "string",
        "InvocationType": "Event"|"RequestResponse"
      },
      "StopAction": {
        "Scope": "RuleSet",
        "TopicArn": "string"
      },
```

```
      "AddHeaderAction": {
        "HeaderName": "string",
        "HeaderValue": "string"
      },
      "SNSAction": {
        "TopicArn": "string",
        "Encoding": "UTF-8"|"Base64"
      }
    }
    ...
  ],
  "ScanEnabled": true|false
}
```

AmazonSES.verifyDomainDkim

Returns a set of DKIM tokens for a domain. DKIM tokens are character strings that represent your domain's identity. Using these tokens, you will need to create DNS CNAME records that point to DKIM public keys hosted by Amazon SES. Amazon Web Services will eventually detect that you have updated your DNS records; this detection process may take up to 72 hours. Upon successful detection, Amazon SES will be able to DKIM-sign email originating from that domain.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
domain	String	The name of the domain to be verified for Easy DKIM signing.

AmazonSES.verifyDomainIdentity

Verifies a domain.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
domain	String	The domain to be verified.

AmazonSES.verifyEmailIdentity

Verifies an email address. This action causes a confirmation email message to be sent to the specified address.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
emailAddress	String	The email address to be verified.

AmazonSES.deleteReceiptRule

Deletes the specified receipt rule.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleName	String	The name of the receipt rule to delete.
ruleSetName	String	The name of the receipt rule set that contains the receipt rule to delete.

AmazonSES.deleteReceiptRuleSet

Deletes the specified receipt rule set and all of the receipt rules it contains.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ruleSetName	String	The name of the receipt rule set to delete.

AmazonSES.deleteReceiptFilter

Deletes the specified IP address filter.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
filterName	String	The name of the IP address filter to delete.

AmazonSES.deleteIdentityPolicy

Deletes the specified sending authorization policy for the given identity (an email address or a domain). This API returns successfully even if a policy with the specified name does not exist.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity that is associated with the policy that you want to delete. You can specify the identity by using its name or by using its Amazon Resource Name (ARN). Examples: user@example.com, example.com, arn:aws:ses:us-east-1:123456789012:identity/example.com.
policyName	String	The name of the policy to be deleted.

AmazonSES.deleteIdentity

Deletes the specified identity (an email address or a domain) from the list of verified identities.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
identity	String	The identity to be removed from the list of identities for the AWS Account.

AmazonSES.deleteConfigurationSetEventDestination

Deletes a configuration set event destination.

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ConfigurationSetName	String	The name of the configuration set from which to delete the event destination.
eventDestinationName	String	The name of the event destination to delete.

AmazonSES.deleteConfigurationSet

Deletes a configuration set..

Field	Type	Description
apiKey	credentials	API key obtained from Amazon.
apiSecret	credentials	API secret obtained from Amazon.
region	String	Region.
ConfigurationSetName	String	The name of the configuration set from which to delete the event destination.