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connect

*Amazon Connect Service***Description**

The Amazon Connect API Reference provides descriptions, syntax, and usage examples for each of the Amazon Connect actions, data types, parameters, and errors. Amazon Connect is a cloud-based contact center solution that makes it easy to set up and manage a customer contact center and provide reliable customer engagement at any scale.

Throttling limits for the Amazon Connect API operations:

For the `GetMetricData` and `GetCurrentMetricData` operations, a `RateLimit` of 5 per second, and a `BurstLimit` of 8 per second.

For all other operations, a `RateLimit` of 2 per second, and a `BurstLimit` of 5 per second.

You can request an increase to the throttling limits by submitting a [Amazon Connect service limits increase form](#). You must be signed in to your AWS account to access the form.

Usage

```
connect()
```

Operations

<code>create_user</code>	Creates a new user account in your Amazon Connect instance
<code>delete_user</code>	Deletes a user account from Amazon Connect
<code>describe_user</code>	Returns a <code>User</code> object that contains information about the user account specified by the <code>UserIdentifier</code> parameter
<code>describe_user_hierarchy_group</code>	Returns a <code>HierarchyGroup</code> object that includes information about a hierarchy group in your Amazon Connect instance
<code>describe_user_hierarchy_structure</code>	Returns a <code>HierarchyGroupStructure</code> object, which contains data about the levels in the age hierarchy of a hierarchy group
<code>get_contact_attributes</code>	Retrieves the contact attributes associated with a contact
<code>get_current_metric_data</code>	The <code>GetCurrentMetricData</code> operation retrieves current metric data from your Amazon Connect instance
<code>get_federation_token</code>	Retrieves a token for federation
<code>get_metric_data</code>	The <code>GetMetricData</code> operation retrieves historical metrics data from your Amazon Connect instance
<code>list_routing_profiles</code>	Returns an array of <code>RoutingProfileSummary</code> objects that includes information about the routing profiles in your Amazon Connect instance
<code>list_security_profiles</code>	Returns an array of <code>SecurityProfileSummary</code> objects that contain information about the security profiles in your Amazon Connect instance
<code>list_user_hierarchy_groups</code>	Returns a <code>UserHierarchyGroupSummaryList</code> , which is an array of <code>HierarchyGroupSummary</code> objects
<code>list_users</code>	Returns a <code>UserSummaryList</code> , which is an array of <code>UserSummary</code> objects
<code>start_outbound_voice_contact</code>	The <code>StartOutboundVoiceContact</code> operation initiates a contact flow to place an outbound call to a customer
<code>stop_contact</code>	Ends the contact initiated by the <code>StartOutboundVoiceContact</code> operation
<code>update_contact_attributes</code>	The <code>UpdateContactAttributes</code> operation lets you programmatically create new, or update existing, contact attributes
<code>update_user_hierarchy</code>	Assigns the specified hierarchy group to the user
<code>update_user_identity_info</code>	Updates the identity information for the specified user in a <code>UserIdentityInfo</code> object, including the user's name and email address
<code>update_user_phone_config</code>	Updates the phone configuration settings in the <code>UserPhoneConfig</code> object for the specified user
<code>update_user_routing_profile</code>	Assigns the specified routing profile to a user
<code>update_user_security_profiles</code>	Updates the security profiles assigned to the user

Examples

```

svc <- connect()
svc$create_user(
  Foo = 123
)

```

pinpoint

*Amazon Pinpoint***Description**

Doc Engage API - Amazon Pinpoint API

Usage

```
pinpoint()
```

Operations

create_app	Creates an application
create_campaign	Creates a new campaign for an application or updates the settings of an existing campaign
create_export_job	Creates a new export job for an application
create_import_job	Creates a new import job for an application
create_segment	Creates a new segment for an application or updates the configuration, dimension, and name of an existing segment
delete_adm_channel	Disables the ADM channel for an application and deletes any existing settings for the channel
delete_apns_channel	Disables the APNs channel for an application and deletes any existing settings for the channel
delete_apns_sandbox_channel	Disables the APNs sandbox channel for an application and deletes any existing settings for the channel
delete_apns_voip_channel	Disables the APNs VoIP channel for an application and deletes any existing settings for the channel
delete_apns_voip_sandbox_channel	Disables the APNs VoIP sandbox channel for an application and deletes any existing settings for the channel
delete_app	Deletes an application
delete_baidu_channel	Disables the Baidu channel for an application and deletes any existing settings for the channel
delete_campaign	Deletes a campaign from an application
delete_email_channel	Disables the email channel for an application and deletes any existing settings for the channel
delete_endpoint	Deletes an endpoint from an application
delete_event_stream	Deletes the event stream for an application
delete_gcm_channel	Disables the GCM channel for an application and deletes any existing settings for the channel
delete_segment	Deletes a segment from an application
delete_sms_channel	Disables the SMS channel for an application and deletes any existing settings for the channel
delete_user_endpoints	Deletes all the endpoints that are associated with a specific user ID
delete_voice_channel	Disables the voice channel for an application and deletes any existing settings for the channel
get_adm_channel	Retrieves information about the status and settings of the ADM channel for an application
get_apns_channel	Retrieves information about the status and settings of the APNs channel for an application
get_apns_sandbox_channel	Retrieves information about the status and settings of the APNs sandbox channel for an application

get_apns_voip_channel	Retrieves information about the status and settings of the APNs VoIP channel for an application
get_apns_voip_sandbox_channel	Retrieves information about the status and settings of the APNs VoIP sandbox channel for an application
get_app	Retrieves information about an application
get_application_settings	Retrieves information about the settings for an application
get_apps	Retrieves information about all of your applications
get_baidu_channel	Retrieves information about the status and settings of the Baidu Cloud Push channel for an application
get_campaign	Retrieves information about the status, configuration, and other settings for a campaign
get_campaign_activities	Retrieves information about the activity performed by a campaign
get_campaign_version	Retrieves information about the status, configuration, and other settings for a specific version of a campaign
get_campaign_versions	Retrieves information about the status, configuration, and other settings for all versions of a campaign
get_campaigns	Retrieves information about the status, configuration, and other settings for all the campaigns
get_channels	Retrieves information about the history and status of each channel for an application
get_email_channel	Retrieves information about the status and settings of the email channel for an application
get_endpoint	Retrieves information about the settings and attributes of a specific endpoint for an application
get_event_stream	Retrieves information about the event stream settings for an application
get_export_job	Retrieves information about the status and settings of a specific export job for an application
get_export_jobs	Retrieves information about the status and settings of all the export jobs for an application
get_gcm_channel	Retrieves information about the status and settings of the GCM channel for an application
get_import_job	Retrieves information about the status and settings of a specific import job for an application
get_import_jobs	Retrieves information about the status and settings of all the import jobs for an application
get_segment	Retrieves information about the configuration, dimension, and other settings for a specific segment
get_segment_export_jobs	Retrieves information about the status and settings of the export jobs for a segment
get_segment_import_jobs	Retrieves information about the status and settings of the import jobs for a segment
get_segment_version	Retrieves information about the configuration, dimension, and other settings for a specific version of a segment
get_segment_versions	Retrieves information about the configuration, dimension, and other settings for all versions of a segment
get_segments	Retrieves information about the configuration, dimension, and other settings for all the segments
get_sms_channel	Retrieves information about the status and settings of the SMS channel for an application
get_user_endpoints	Retrieves information about all the endpoints that are associated with a specific user ID
get_voice_channel	Retrieves information about the status and settings of the voice channel for an application
list_tags_for_resource	Retrieves all the tags (keys and values) that are associated with an application, campaign, or segment
phone_number_validate	Retrieves information about a phone number
put_event_stream	Creates a new event stream for an application or updates the settings of an existing event stream
put_events	Creates a new event to record for endpoints, or creates or updates endpoint data that exists
remove_attributes	Removes one or more attributes, of the same attribute type, from all the endpoints that are associated with an application
send_messages	Creates and sends a direct message
send_users_messages	Creates and sends a message to a list of users
tag_resource	Adds one or more tags (keys and values) to an application, campaign, or segment
untag_resource	Removes one or more tags (keys and values) from an application, campaign, or segment
update_adm_channel	Updates the ADM channel settings for an application
update_apns_channel	Updates the APNs channel settings for an application
update_apns_sandbox_channel	Updates the APNs sandbox channel settings for an application
update_apns_voip_channel	Updates the APNs VoIP channel settings for an application
update_apns_voip_sandbox_channel	Updates the settings for the APNs VoIP sandbox channel for an application
update_application_settings	Updates the settings for an application
update_baidu_channel	Updates the settings of the Baidu channel for an application
update_campaign	Updates the settings for a campaign
update_email_channel	Updates the status and settings of the email channel for an application
update_endpoint	Creates a new endpoint for an application or updates the settings and attributes of an existing endpoint

update_endpoints_batch	Creates a new batch of endpoints for an application or updates the settings and attributes
update_gcm_channel	Updates the status and settings of the GCM channel for an application
update_segment	Creates a new segment for an application or updates the configuration, dimension, and attributes
update_sms_channel	Updates the status and settings of the SMS channel for an application
update_voice_channel	Updates the status and settings of the voice channel for an application

Examples

```
svc <- pinpoint()
svc$create_app(
  Foo = 123
)
```

pinpointemail

Amazon Pinpoint Email Service

Description

This document contains reference information for the [Amazon Pinpoint Email API](#), version 1.0. This document is best used in conjunction with the [Amazon Pinpoint Developer Guide](#).

The Amazon Pinpoint Email API is available in several AWS Regions and it provides an endpoint for each of these Regions. For a list of all the Regions and endpoints where the API is currently available, see [AWS Regions and Endpoints](#) in the *Amazon Web Services General Reference*.

In each Region, AWS maintains multiple Availability Zones. These Availability Zones are physically isolated from each other, but are united by private, low-latency, high-throughput, and highly redundant network connections. These Availability Zones enable us to provide very high levels of availability and redundancy, while also minimizing latency. To learn more about the number of Availability Zones that are available in each Region, see [AWS Global Infrastructure](#).

Usage

```
pinpointemail()
```

Operations

create_configuration_set	Create a configuration set
create_configuration_set_event_destination	Create an event destination
create_dedicated_ip_pool	Create a new pool of dedicated IP addresses
create_deliverability_test_report	Create a new predictive inbox placement test
create_email_identity	Verifies an email identity for use with Amazon Pinpoint
delete_configuration_set	Delete an existing configuration set
delete_configuration_set_event_destination	Delete an event destination
delete_dedicated_ip_pool	Delete a dedicated IP pool

<code>delete_email_identity</code>	Deletes an email identity that you previously verified for use with Amazon Pinpoint.
<code>get_account</code>	Obtain information about the email-sending status and capabilities of your Amazon Pinpoint account.
<code>get_blacklist_reports</code>	Retrieve a list of the blacklists that your dedicated IP addresses appear on.
<code>get_configuration_set</code>	Get information about an existing configuration set, including the dedicated IP addresses.
<code>get_configuration_set_event_destinations</code>	Retrieve a list of event destinations that are associated with a configuration set.
<code>get_dedicated_ip</code>	Get information about a dedicated IP address, including the name of the dedicated IP pool.
<code>get_dedicated_ips</code>	List the dedicated IP addresses that are associated with your Amazon Pinpoint account.
<code>get_deliverability_dashboard_options</code>	Retrieve information about the status of the Deliverability dashboard for your Amazon Pinpoint account.
<code>get_deliverability_test_report</code>	Retrieve the results of a predictive inbox placement test.
<code>get_domain_deliverability_campaign</code>	Retrieve all the deliverability data for a specific campaign.
<code>get_domain_statistics_report</code>	Retrieve inbox placement and engagement rates for the domains that you use with your Amazon Pinpoint account.
<code>get_email_identity</code>	Provides information about a specific identity associated with your Amazon Pinpoint account.
<code>list_configuration_sets</code>	List all of the configuration sets associated with your Amazon Pinpoint account.
<code>list_dedicated_ip_pools</code>	List all of the dedicated IP pools that exist in your Amazon Pinpoint account.
<code>list_deliverability_test_reports</code>	Show a list of the predictive inbox placement tests that you've performed, regardless of the domain.
<code>list_domain_deliverability_campaigns</code>	Retrieve deliverability data for all the campaigns that used a specific domain.
<code>list_email_identities</code>	Returns a list of all of the email identities that are associated with your Amazon Pinpoint account.
<code>list_tags_for_resource</code>	Retrieve a list of the tags (keys and values) that are associated with a specified resource.
<code>put_account_dedicated_ip_warmup_attributes</code>	Enable or disable the automatic warm-up feature for dedicated IP addresses.
<code>put_account_sending_attributes</code>	Enable or disable the ability of your account to send email.
<code>put_configuration_set_delivery_options</code>	Associate a configuration set with a dedicated IP pool.
<code>put_configuration_set_reputation_options</code>	Enable or disable collection of reputation metrics for emails that you send using a configuration set.
<code>put_configuration_set_sending_options</code>	Enable or disable email sending for messages that use a particular configuration set.
<code>put_configuration_set_tracking_options</code>	Specify a custom domain to use for open and click tracking elements in email messages.
<code>put_dedicated_ip_in_pool</code>	Move a dedicated IP address to an existing dedicated IP pool.
<code>put_dedicated_ip_warmup_attributes</code>	Put dedicated ip warmup attributes.
<code>put_deliverability_dashboard_option</code>	Enable or disable the Deliverability dashboard for your Amazon Pinpoint account.
<code>put_email_identity_dkim_attributes</code>	Used to enable or disable DKIM authentication for an email identity.
<code>put_email_identity_feedback_attributes</code>	Used to enable or disable feedback forwarding for an identity.
<code>put_email_identity_mail_from_attributes</code>	Used to enable or disable the custom Mail-From domain configuration for an identity.
<code>send_email</code>	Sends an email message.
<code>tag_resource</code>	Add one or more tags (keys and values) to a specified resource.
<code>untag_resource</code>	Remove one or more tags (keys and values) from a specified resource.
<code>update_configuration_set_event_destination</code>	Update the configuration of an event destination for a configuration set.

Examples

```
svc <- pinpointemail()
svc$create_configuration_set(
  Foo = 123
)
```

pinpointSMSvoice *Amazon Pinpoint SMS and Voice Service*

Description

Pinpoint SMS and Voice Messaging public facing APIs

Usage

```
pinpointSMSvoice()
```

Operations

create_configuration_set	Create a new configuration set
create_configuration_set_event_destination	Create a new event destination in a configuration set
delete_configuration_set	Deletes an existing configuration set
delete_configuration_set_event_destination	Deletes an event destination in a configuration set
get_configuration_set_event_destinations	Obtain information about an event destination, including the types of events it r
list_configuration_sets	List all of the configuration sets associated with your Amazon Pinpoint account
send_voice_message	Create a new voice message and send it to a recipient's phone number
update_configuration_set_event_destination	Update an event destination in a configuration set

Examples

```
svc <- pinpointSMSvoice()
svc$create_configuration_set(
  Foo = 123
)
```

ses *Amazon Simple Email Service*

Description

This document contains reference information for the [Amazon Simple Email Service](#) (Amazon SES) API, version 2010-12-01. This document is best used in conjunction with the [Amazon SES Developer Guide](#).

For a list of Amazon SES endpoints to use in service requests, see [Regions and Amazon SES](#) in the [Amazon SES Developer Guide](#).

Usage

```
ses()
```

Operations

<code>clone_receipt_rule_set</code>	Creates a receipt rule set by cloning an existing one
<code>create_configuration_set</code>	Creates a configuration set
<code>create_configuration_set_event_destination</code>	Creates a configuration set event destination
<code>create_configuration_set_tracking_options</code>	Creates an association between a configuration set and a custom domain
<code>create_custom_verification_email_template</code>	Creates a new custom verification email template
<code>create_receipt_filter</code>	Creates a new IP address filter
<code>create_receipt_rule</code>	Creates a receipt rule
<code>create_receipt_rule_set</code>	Creates an empty receipt rule set
<code>create_template</code>	Creates an email template
<code>delete_configuration_set</code>	Deletes a configuration set
<code>delete_configuration_set_event_destination</code>	Deletes a configuration set event destination
<code>delete_configuration_set_tracking_options</code>	Deletes an association between a configuration set and a custom domain
<code>delete_custom_verification_email_template</code>	Deletes an existing custom verification email template
<code>delete_identity</code>	Deletes the specified identity (an email address or a domain) from the account
<code>delete_identity_policy</code>	Deletes the specified sending authorization policy for the given identity
<code>delete_receipt_filter</code>	Deletes the specified IP address filter
<code>delete_receipt_rule</code>	Deletes the specified receipt rule
<code>delete_receipt_rule_set</code>	Deletes the specified receipt rule set and all of the receipt rules it contains
<code>delete_template</code>	Deletes an email template
<code>delete_verified_email_address</code>	Deprecated
<code>describe_active_receipt_rule_set</code>	Returns the metadata and receipt rules for the receipt rule set that is currently active
<code>describe_configuration_set</code>	Returns the details of the specified configuration set
<code>describe_receipt_rule</code>	Returns the details of the specified receipt rule
<code>describe_receipt_rule_set</code>	Returns the details of the specified receipt rule set
<code>get_account_sending_enabled</code>	Returns the email sending status of the Amazon SES account for the current AWS Region
<code>get_custom_verification_email_template</code>	Returns the custom email verification template for the template name
<code>get_identity_dkim_attributes</code>	Returns the current status of Easy DKIM signing for an entity
<code>get_identity_mail_from_domain_attributes</code>	Returns the custom MAIL FROM attributes for a list of identities (email addresses and domains)
<code>get_identity_notification_attributes</code>	Given a list of verified identities (email addresses and/or domains), returns the notification attributes for each identity
<code>get_identity_policies</code>	Returns the requested sending authorization policies for the given identities
<code>get_identity_verification_attributes</code>	Given a list of identities (email addresses and/or domains), returns the verification attributes for each identity
<code>get_send_quota</code>	Provides the sending limits for the Amazon SES account
<code>get_send_statistics</code>	Provides sending statistics for the current AWS Region
<code>get_template</code>	Displays the template object (which includes the Subject line, HTML body, and text body)
<code>list_configuration_sets</code>	Provides a list of the configuration sets associated with your Amazon SES account
<code>list_custom_verification_email_templates</code>	Lists the existing custom verification email templates for your account
<code>list_identities</code>	Returns a list containing all of the identities (email addresses and domains) associated with your Amazon SES account
<code>list_identity_policies</code>	Returns a list of sending authorization policies that are attached to the specified identities
<code>list_receipt_filters</code>	Lists the IP address filters associated with your AWS account in the current AWS Region
<code>list_receipt_rule_sets</code>	Lists the receipt rule sets that exist under your AWS account in the current AWS Region
<code>list_templates</code>	Lists the email templates present in your Amazon SES account in the current AWS Region
<code>list_verified_email_addresses</code>	Deprecated
<code>put_configuration_set_delivery_options</code>	Adds or updates the delivery options for a configuration set
<code>put_identity_policy</code>	Adds or updates a sending authorization policy for the specified identity
<code>reorder_receipt_rule_set</code>	Reorders the receipt rules within a receipt rule set
<code>send_bounce</code>	Generates and sends a bounce message to the sender of an email you received

<code>send_bulk_templated_email</code>	Composes an email message to multiple destinations
<code>send_custom_verification_email</code>	Adds an email address to the list of identities for your Amazon SES account
<code>send_email</code>	Composes an email message and immediately queues it for sending
<code>send_raw_email</code>	Composes an email message and immediately queues it for sending
<code>send_templated_email</code>	Composes an email message using an email template and immediately queues it for sending
<code>set_active_receipt_rule_set</code>	Sets the specified receipt rule set as the active receipt rule set
<code>set_identity_dkim_enabled</code>	Enables or disables Easy DKIM signing of email sent from an identity
<code>set_identity_feedback_forwarding_enabled</code>	Given an identity (an email address or a domain), enables or disables Easy DKIM feedback forwarding
<code>set_identity_headers_in_notifications_enabled</code>	Given an identity (an email address or a domain), sets whether Amazon SES includes headers in notifications
<code>set_identity_mail_from_domain</code>	Enables or disables the custom MAIL FROM domain setup for a verified email address
<code>set_identity_notification_topic</code>	Sets an Amazon Simple Notification Service (Amazon SNS) topic to receive notifications for an identity
<code>set_receipt_rule_position</code>	Sets the position of the specified receipt rule in the receipt rule set
<code>test_render_template</code>	Creates a preview of the MIME content of an email when provided with an email template
<code>update_account_sending_enabled</code>	Enables or disables email sending across your entire Amazon SES account
<code>update_configuration_set_event_destination</code>	Updates the event destination of a configuration set
<code>update_configuration_set_reputation_metrics_enabled</code>	Enables or disables the publishing of reputation metrics for emails sent using a specific configuration set
<code>update_configuration_set_sending_enabled</code>	Enables or disables email sending for messages sent using a specific configuration set
<code>update_configuration_set_tracking_options</code>	Modifies an association between a configuration set and a custom domain
<code>update_custom_verification_email_template</code>	Updates an existing custom verification email template
<code>update_receipt_rule</code>	Updates a receipt rule
<code>update_template</code>	Updates an email template
<code>verify_domain_dkim</code>	Returns a set of DKIM tokens for a domain identity
<code>verify_domain_identity</code>	Adds a domain to the list of identities for your Amazon SES account
<code>verify_email_address</code>	Deprecated
<code>verify_email_identity</code>	Adds an email address to the list of identities for your Amazon SES account

Examples

```
# The following example creates a receipt rule set by cloning an existing
# one:
svc <- ses()
svc$clone_receipt_rule_set(
  OriginalRuleSetName = "RuleSetToClone",
  RuleSetName = "RuleSetToCreate"
)
```

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