

Package ‘paws.customer.engagement’

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Title 'Amazon Web Services' Customer Engagement Services

Version 0.9.0

Description Interface to 'Amazon Web Services' customer engagement services, including 'Simple Email Service', 'Connect' contact center service, and more <<https://aws.amazon.com/>>.

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URL <https://github.com/paws-r/paws>,
<https://paws-r.r-universe.dev/paws.customer.engagement>

BugReports <https://github.com/paws-r/paws/issues>

Imports paws.common (>= 0.8.0)

Suggests testthat

Encoding UTF-8

RoxygenNote 7.3.2

Collate 'connect_service.R' 'connect_interfaces.R'
'connect_operations.R' 'connectcampaignservice_service.R'
'connectcampaignservice_interfaces.R'
'connectcampaignservice_operations.R'
'connectcampaignservicev2_service.R'
'connectcampaignservicev2_interfaces.R'
'connectcampaignservicev2_operations.R'
'connectcases_service.R' 'connectcases_interfaces.R'
'connectcases_operations.R' 'connectcontactlens_service.R'
'connectcontactlens_interfaces.R'
'connectcontactlens_operations.R'
'connectparticipant_service.R'
'connectparticipant_interfaces.R'
'connectparticipant_operations.R'
'connectwisdomservice_service.R'
'connectwisdomservice_interfaces.R'
'connectwisdomservice_operations.R'
'customerprofiles_service.R' 'customerprofiles_interfaces.R'
'customerprofiles_operations.R' 'pinpoint_service.R'

```
'pinpoint_interfaces.R' 'pinpoint_operations.R'
'pinpointemail_service.R' 'pinpointemail_interfaces.R'
'pinpointemail_operations.R' 'pinpointsmsvoice_service.R'
'pinpointsmsvoice_interfaces.R' 'pinpointsmsvoice_operations.R'
'pinpointsmsvoicev2_service.R'
'pinpointsmsvoicev2_interfaces.R'
'pinpointsmsvoicev2_operations.R' 'reexports_paws.common.R'
'ses_service.R' 'ses_interfaces.R' 'ses_operations.R'
'sesv2_service.R' 'sesv2_interfaces.R' 'sesv2_operations.R'
```

NeedsCompilation no

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Description

- [Amazon Connect actions](#)
- [Amazon Connect data types](#)

Amazon Connect is a cloud-based contact center solution that you use to set up and manage a customer contact center and provide reliable customer engagement at any scale.

Amazon Connect provides metrics and real-time reporting that enable you to optimize contact routing. You can also resolve customer issues more efficiently by getting customers in touch with the appropriate agents.

There are limits to the number of Amazon Connect resources that you can create. There are also limits to the number of requests that you can make per second. For more information, see [Amazon Connect Service Quotas](#) in the *Amazon Connect Administrator Guide*.

You can use an endpoint to connect programmatically to an Amazon Web Services service. For a list of Amazon Connect endpoints, see [Amazon Connect Endpoints](#).

Usage

```
connect(config = list(), credentials = list(), endpoint = NULL, region = NULL)
```

Arguments

config	Optional configuration of credentials, endpoint, and/or region. <ul style="list-style-type: none"> • credentials: <ul style="list-style-type: none"> – creds: <ul style="list-style-type: none"> * access_key_id: AWS access key ID * secret_access_key: AWS secret access key * session_token: AWS temporary session token – profile: The name of a profile to use. If not given, then the default profile is used. – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.
 - **anonymous:** Set anonymous credentials.
- endpoint Optional shorthand for complete URL to use for the constructed client.
- region Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- connect(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```

Operations

activate_evaluation_form	Activates an evaluation form in the specified Amazon Connect instance
associate_analytics_data_set	Associates the specified dataset for a Amazon Connect instance with the ta
associate_approved_origin	This API is in preview release for Amazon Connect and is subject to chang
associate_bot	This API is in preview release for Amazon Connect and is subject to chang
associate_default_vocabulary	Associates an existing vocabulary as the default
associate_flow	Associates a connect resource to a flow
associate_instance_storage_config	This API is in preview release for Amazon Connect and is subject to chang
associate_lambda_function	This API is in preview release for Amazon Connect and is subject to chang
associate_lex_bot	This API is in preview release for Amazon Connect and is subject to chang
associate_phone_number_contact_flow	Associates a flow with a phone number claimed to your Amazon Connect
associate_queue_quick_connects	This API is in preview release for Amazon Connect and is subject to chang
associate_routing_profile_queues	Associates a set of queues with a routing profile
associate_security_key	This API is in preview release for Amazon Connect and is subject to chang
associate_traffic_distribution_group_user	Associates an agent with a traffic distribution group
associate_user_proficiencies	Associates a set of proficiencies with a user
batch_associate_analytics_data_set	Associates a list of analytics datasets for a given Amazon Connect instance
batch_disassociate_analytics_data_set	Removes a list of analytics datasets associated with a given Amazon Conn
batch_get_attached_file_metadata	Allows you to retrieve metadata about multiple attached files on an associa
batch_get_flow_association	Retrieve the flow associations for the given resources
batch_put_contact	Only the Amazon Connect outbound campaigns service principal is allowe
claim_phone_number	Claims an available phone number to your Amazon Connect instance or tr
complete_attached_file_upload	Allows you to confirm that the attached file has been uploaded using the p
create_agent_status	This API is in preview release for Amazon Connect and is subject to chang
create_contact	Only the EMAIL channel is supported
create_contact_flow	Creates a flow for the specified Amazon Connect instance
create_contact_flow_module	Creates a flow module for the specified Amazon Connect instance
create_contact_flow_version	Publishes a new version of the flow provided
create_email_address	Create new email address in the specified Amazon Connect instance
create_evaluation_form	Creates an evaluation form in the specified Amazon Connect instance
create_hours_of_operation	This API is in preview release for Amazon Connect and is subject to chang
create_hours_of_operation_override	Creates an hours of operation override in an Amazon Connect hours of op
create_instance	This API is in preview release for Amazon Connect and is subject to chang
create_integration_association	Creates an Amazon Web Services resource association with an Amazon C
create_participant	Adds a new participant into an on-going chat contact
create_persistent_contact_association	Enables rehydration of chats for the lifespan of a contact
create_predefined_attribute	Creates a new predefined attribute for the specified Amazon Connect insta
create_prompt	Creates a prompt
create_push_notification_registration	Creates registration for a device token and a chat contact to receive real-ti
create_queue	Creates a new queue for the specified Amazon Connect instance
create_quick_connect	Creates a quick connect for the specified Amazon Connect instance
create_routing_profile	Creates a new routing profile
create_rule	Creates a rule for the specified Amazon Connect instance
create_security_profile	Creates a security profile
create_task_template	Creates a new task template in the specified Amazon Connect instance
create_traffic_distribution_group	Creates a traffic distribution group given an Amazon Connect instance tha
create_use_case	Creates a use case for an integration association
create_user	Creates a user account for the specified Amazon Connect instance
create_user_hierarchy_group	Creates a new user hierarchy group

<code>create_view</code>	Creates a new view with the possible status of SAVED or PUBLISHED
<code>create_view_version</code>	Publishes a new version of the view identifier
<code>create_vocabulary</code>	Creates a custom vocabulary associated with your Amazon Connect instance
<code>deactivate_evaluation_form</code>	Deactivates an evaluation form in the specified Amazon Connect instance
<code>delete_attached_file</code>	Deletes an attached file along with the underlying S3 Object
<code>delete_contact_evaluation</code>	Deletes a contact evaluation in the specified Amazon Connect instance
<code>delete_contact_flow</code>	Deletes a flow for the specified Amazon Connect instance
<code>delete_contact_flow_module</code>	Deletes the specified flow module
<code>delete_contact_flow_version</code>	Deletes the particular version specified in flow version identifier
<code>delete_email_address</code>	Deletes email address from the specified Amazon Connect instance
<code>delete_evaluation_form</code>	Deletes an evaluation form in the specified Amazon Connect instance
<code>delete_hours_of_operation</code>	This API is in preview release for Amazon Connect and is subject to change
<code>delete_hours_of_operation_override</code>	Deletes an hours of operation override in an Amazon Connect hours of operation
<code>delete_instance</code>	This API is in preview release for Amazon Connect and is subject to change
<code>delete_integration_association</code>	Deletes an Amazon Web Services resource association from an Amazon Connect instance
<code>delete_predefined_attribute</code>	Deletes a predefined attribute from the specified Amazon Connect instance
<code>delete_prompt</code>	Deletes a prompt
<code>delete_push_notification_registration</code>	Deletes registration for a device token and a chat contact
<code>delete_queue</code>	Deletes a queue
<code>delete_quick_connect</code>	Deletes a quick connect
<code>delete_routing_profile</code>	Deletes a routing profile
<code>delete_rule</code>	Deletes a rule for the specified Amazon Connect instance
<code>delete_security_profile</code>	Deletes a security profile
<code>delete_task_template</code>	Deletes the task template
<code>delete_traffic_distribution_group</code>	Deletes a traffic distribution group
<code>delete_use_case</code>	Deletes a use case from an integration association
<code>delete_user</code>	Deletes a user account from the specified Amazon Connect instance
<code>delete_user_hierarchy_group</code>	Deletes an existing user hierarchy group
<code>delete_view</code>	Deletes the view entirely
<code>delete_view_version</code>	Deletes the particular version specified in ViewVersion identifier
<code>delete_vocabulary</code>	Deletes the vocabulary that has the given identifier
<code>describe_agent_status</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_authentication_profile</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_contact</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_contact_evaluation</code>	Describes a contact evaluation in the specified Amazon Connect instance
<code>describe_contact_flow</code>	Describes the specified flow
<code>describe_contact_flow_module</code>	Describes the specified flow module
<code>describe_email_address</code>	Describe email address from the specified Amazon Connect instance
<code>describe_evaluation_form</code>	Describes an evaluation form in the specified Amazon Connect instance
<code>describe_hours_of_operation</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_hours_of_operation_override</code>	Describes the hours of operation override
<code>describe_instance</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_instance_attribute</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_instance_storage_config</code>	This API is in preview release for Amazon Connect and is subject to change
<code>describe_phone_number</code>	Gets details and status of a phone number that's claimed to your Amazon Connect instance
<code>describe_predefined_attribute</code>	Describes a predefined attribute for the specified Amazon Connect instance
<code>describe_prompt</code>	Describes the prompt
<code>describe_queue</code>	This API is in preview release for Amazon Connect and is subject to change

describe_quick_connect	Describes the quick connect
describe_routing_profile	Describes the specified routing profile
describe_rule	Describes a rule for the specified Amazon Connect instance
describe_security_profile	Gets basic information about the security profile
describe_traffic_distribution_group	Gets details and status of a traffic distribution group
describe_user	Describes the specified user
describe_user_hierarchy_group	Describes the specified hierarchy group
describe_user_hierarchy_structure	Describes the hierarchy structure of the specified Amazon Connect instance
describe_view	Retrieves the view for the specified Amazon Connect instance and view id
describe_vocabulary	Describes the specified vocabulary
disassociate_analytics_data_set	Removes the dataset ID associated with a given Amazon Connect instance
disassociate_approved_origin	This API is in preview release for Amazon Connect and is subject to change
disassociate_bot	This API is in preview release for Amazon Connect and is subject to change
disassociate_flow	Disassociates a connect resource from a flow
disassociate_instance_storage_config	This API is in preview release for Amazon Connect and is subject to change
disassociate_lambda_function	This API is in preview release for Amazon Connect and is subject to change
disassociate_lex_bot	This API is in preview release for Amazon Connect and is subject to change
disassociate_phone_number_contact_flow	Removes the flow association from a phone number claimed to your Amazon Connect instance
disassociate_queue_quick_connects	This API is in preview release for Amazon Connect and is subject to change
disassociate_routing_profile_queues	Disassociates a set of queues from a routing profile
disassociate_security_key	This API is in preview release for Amazon Connect and is subject to change
disassociate_traffic_distribution_group_user	Disassociates an agent from a traffic distribution group
disassociate_user_proficiencies	Disassociates a set of proficiencies from a user
dismiss_user_contact	Dismisses contacts from an agent's CCP and returns the agent to an available state
get_attached_file	Provides a pre-signed URL for download of an approved attached file
get_contact_attributes	Retrieves the contact attributes for the specified contact
get_current_metric_data	Gets the real-time metric data from the specified Amazon Connect instance
get_current_user_data	Gets the real-time active user data from the specified Amazon Connect instance
get_effective_hours_of_operations	Get the hours of operations with the effective override applied
get_federation_token	Supports SAML sign-in for Amazon Connect
get_flow_association	Retrieves the flow associated for a given resource
get_metric_data	Gets historical metric data from the specified Amazon Connect instance
get_metric_data_v2	Gets metric data from the specified Amazon Connect instance
get_prompt_file	Gets the prompt file
get_task_template	Gets details about a specific task template in the specified Amazon Connect instance
get_traffic_distribution	Retrieves the current traffic distribution for a given traffic distribution group
import_phone_number	Imports a claimed phone number from an external service, such as Amazon Sumerai
list_agent_statuses	This API is in preview release for Amazon Connect and is subject to change
list_analytics_data_associations	Lists the association status of requested dataset ID for a given Amazon Connect instance
list_analytics_data_lake_data_sets	Lists the data lake datasets available to associate with for a given Amazon Connect instance
list_approved_origins	This API is in preview release for Amazon Connect and is subject to change
list_associated_contacts	Provides information about contact tree, a list of associated contacts with a contact
list_authentication_profiles	This API is in preview release for Amazon Connect and is subject to change
list_bots	This API is in preview release for Amazon Connect and is subject to change
list_contact_evaluations	Lists contact evaluations in the specified Amazon Connect instance
list_contact_flow_modules	Provides information about the flow modules for the specified Amazon Connect instance
list_contact_flows	Provides information about the flows for the specified Amazon Connect instance
list_contact_flow_versions	Returns all the available versions for the specified Amazon Connect instance

list_contact_references	This API is in preview release for Amazon Connect and is subject to change
list_default_vocabularies	Lists the default vocabularies for the specified Amazon Connect instance
list_evaluation_forms	Lists evaluation forms in the specified Amazon Connect instance
list_evaluation_form_versions	Lists versions of an evaluation form in the specified Amazon Connect instance
list_flow_associations	List the flow association based on the filters
list_hours_of_operation_overrides	List the hours of operation overrides
list_hours_of_operations	Provides information about the hours of operation for the specified Amazon Connect instance
list_instance_attributes	This API is in preview release for Amazon Connect and is subject to change
list_instances	This API is in preview release for Amazon Connect and is subject to change
list_instance_storage_configs	This API is in preview release for Amazon Connect and is subject to change
list_integration_associations	Provides summary information about the Amazon Web Services resource
list_lambda_functions	This API is in preview release for Amazon Connect and is subject to change
list_lex_bots	This API is in preview release for Amazon Connect and is subject to change
list_phone_numbers	Provides information about the phone numbers for the specified Amazon Connect instance
list_phone_numbers_v2	Lists phone numbers claimed to your Amazon Connect instance or traffic to your instance
list_predefined_attributes	Lists predefined attributes for the specified Amazon Connect instance
list_prompts	Provides information about the prompts for the specified Amazon Connect instance
list_queue_quick_connects	This API is in preview release for Amazon Connect and is subject to change
list_queues	Provides information about the queues for the specified Amazon Connect instance
list_quick_connects	Provides information about the quick connects for the specified Amazon Connect instance
list_realtime_contact_analysis_segments_v2	Provides a list of analysis segments for a real-time analysis session
list_routing_profile_queues	Lists the queues associated with a routing profile
list_routing_profiles	Provides summary information about the routing profiles for the specified Amazon Connect instance
list_rules	List all rules for the specified Amazon Connect instance
list_security_keys	This API is in preview release for Amazon Connect and is subject to change
list_security_profile_applications	Returns a list of third-party applications in a specific security profile
list_security_profile_permissions	Lists the permissions granted to a security profile
list_security_profiles	Provides summary information about the security profiles for the specified Amazon Connect instance
list_tags_for_resource	Lists the tags for the specified resource
list_task_templates	Lists task templates for the specified Amazon Connect instance
list_traffic_distribution_groups	Lists traffic distribution groups
list_traffic_distribution_group_users	Lists traffic distribution group users
list_use_cases	Lists the use cases for the integration association
list_user_hierarchy_groups	Provides summary information about the hierarchy groups for the specified Amazon Connect instance
list_user_proficiencies	Lists proficiencies associated with a user
list_users	Provides summary information about the users for the specified Amazon Connect instance
list_views	Returns views in the given instance
list_view_versions	Returns all the available versions for the specified Amazon Connect instance
monitor_contact	Initiates silent monitoring of a contact
pause_contact	Allows pausing an ongoing task contact
put_user_status	Changes the current status of a user or agent in Amazon Connect
release_phone_number	Releases a phone number previously claimed to an Amazon Connect instance
replicate_instance	Replicates an Amazon Connect instance in the specified Amazon Web Services Region
resume_contact	Allows resuming a task contact in a paused state
resume_contact_recording	When a contact is being recorded, and the recording has been suspended, resumes recording
search_agent_statuses	Searches AgentStatuses in an Amazon Connect instance, with optional filters
search_available_phone_numbers	Searches for available phone numbers that you can claim to your Amazon Connect instance
search_contact_flow_modules	Searches the flow modules in an Amazon Connect instance, with optional filters

search_contact_flows	Searches the flows in an Amazon Connect instance, with optional filtering
search_contacts	Searches contacts in an Amazon Connect instance
search_email_addresses	Searches email address in an instance, with optional filtering
search_hours_of_operation_overrides	Searches the hours of operation overrides
search_hours_of_operations	Searches the hours of operation in an Amazon Connect instance, with optional filtering
search_predefined_attributes	Searches predefined attributes that meet certain criteria
search_prompts	Searches prompts in an Amazon Connect instance, with optional filtering
search_queues	Searches queues in an Amazon Connect instance, with optional filtering
search_quick_connects	Searches quick connects in an Amazon Connect instance, with optional filtering
search_resource_tags	Searches tags used in an Amazon Connect instance using optional search criteria
search_routing_profiles	Searches routing profiles in an Amazon Connect instance, with optional filtering
search_security_profiles	Searches security profiles in an Amazon Connect instance, with optional filtering
search_user_hierarchy_groups	Searches UserHierarchyGroups in an Amazon Connect instance, with optional filtering
search_users	Searches users in an Amazon Connect instance, with optional filtering
search_vocabularies	Searches for vocabularies within a specific Amazon Connect instance using optional filtering
send_chat_integration_event	Processes chat integration events from Amazon Web Services or external integrations
send_outbound_email	Send outbound email for outbound campaigns
start_attached_file_upload	Provides a pre-signed Amazon S3 URL in response for uploading your content
start_chat_contact	Initiates a flow to start a new chat for the customer
start_contact_evaluation	Starts an empty evaluation in the specified Amazon Connect instance, using optional filtering
start_contact_recording	Starts recording the contact:
start_contact_streaming	Initiates real-time message streaming for a new chat contact
start_email_contact	Creates an inbound email contact and initiates a flow to start the email conversation
start_outbound_chat_contact	Initiates a new outbound SMS contact to a customer
start_outbound_email_contact	Initiates a flow to send an agent reply or outbound email contact (created from a template)
start_outbound_voice_contact	Places an outbound call to a contact, and then initiates the flow
start_screen_sharing	Starts screen sharing for a contact
start_task_contact	Initiates a flow to start a new task contact
start_web_rtc_contact	Places an inbound in-app, web, or video call to a contact, and then initiates the flow
stop_contact	Ends the specified contact
stop_contact_recording	Stops recording a call when a contact is being recorded
stop_contact_streaming	Ends message streaming on a specified contact
submit_contact_evaluation	Submits a contact evaluation in the specified Amazon Connect instance
suspend_contact_recording	When a contact is being recorded, this API suspends recording whatever is being recorded
tag_contact	Adds the specified tags to the contact resource
tag_resource	Adds the specified tags to the specified resource
transfer_contact	Transfers contacts from one agent or queue to another agent or queue at any time
untag_contact	Removes the specified tags from the contact resource
untag_resource	Removes the specified tags from the specified resource
update_agent_status	This API is in preview release for Amazon Connect and is subject to change without notice
update_authentication_profile	This API is in preview release for Amazon Connect and is subject to change without notice
update_contact	This API is in preview release for Amazon Connect and is subject to change without notice
update_contact_attributes	Creates or updates user-defined contact attributes associated with the specified contact
update_contact_evaluation	Updates details about a contact evaluation in the specified Amazon Connect instance
update_contact_flow_content	Updates the specified flow
update_contact_flow_metadata	Updates metadata about specified flow
update_contact_flow_module_content	Updates specified flow module for the specified Amazon Connect instance
update_contact_flow_module_metadata	Updates metadata about specified flow module

<code>update_contact_flow_name</code>	The name of the flow
<code>update_contact_routing_data</code>	Updates routing priority and age on the contact (QueuePriority and QueueAge)
<code>update_contact_schedule</code>	Updates the scheduled time of a task contact that is already scheduled
<code>update_email_address_metadata</code>	Updates an email address metadata
<code>update_evaluation_form</code>	Updates details about a specific evaluation form version in the specified Amazon Connect instance
<code>update_hours_of_operation</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_hours_of_operation_override</code>	Update the hours of operation override
<code>update_instance_attribute</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_instance_storage_config</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_participant_authentication</code>	Instructs Amazon Connect to resume the authentication process
<code>update_participant_role_config</code>	Updates timeouts for when human chat participants are to be considered idle
<code>update_phone_number</code>	Updates your claimed phone number from its current Amazon Connect instance
<code>update_phone_number_metadata</code>	Updates a phone number's metadata
<code>update_predefined_attribute</code>	Updates a predefined attribute for the specified Amazon Connect instance
<code>update_prompt</code>	Updates a prompt
<code>update_queue_hours_of_operation</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_queue_max_contacts</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_queue_name</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_queue_outbound_caller_config</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_queue_outbound_email_config</code>	Updates the outbound email address Id for a specified queue
<code>update_queue_status</code>	This API is in preview release for Amazon Connect and is subject to change
<code>update_quick_connect_config</code>	Updates the configuration settings for the specified quick connect
<code>update_quick_connect_name</code>	Updates the name and description of a quick connect
<code>update_routing_profile_agent_availability_timer</code>	Whether agents with this routing profile will have their routing order calculated
<code>update_routing_profile_concurrency</code>	Updates the channels that agents can handle in the Contact Control Panel (CCP)
<code>update_routing_profile_default_outbound_queue</code>	Updates the default outbound queue of a routing profile
<code>update_routing_profile_name</code>	Updates the name and description of a routing profile
<code>update_routing_profile_queues</code>	Updates the properties associated with a set of queues for a routing profile
<code>update_rule</code>	Updates a rule for the specified Amazon Connect instance
<code>update_security_profile</code>	Updates a security profile
<code>update_task_template</code>	Updates details about a specific task template in the specified Amazon Connect instance
<code>update_traffic_distribution</code>	Updates the traffic distribution for a given traffic distribution group
<code>update_user_hierarchy</code>	Assigns the specified hierarchy group to the specified user
<code>update_user_hierarchy_group_name</code>	Updates the name of the user hierarchy group
<code>update_user_hierarchy_structure</code>	Updates the user hierarchy structure: add, remove, and rename user hierarchy groups
<code>update_user_identity_info</code>	Updates the identity information for the specified user
<code>update_user_phone_config</code>	Updates the phone configuration settings for the specified user
<code>update_user_proficiencies</code>	Updates the properties associated with the proficiencies of a user
<code>update_user_routing_profile</code>	Assigns the specified routing profile to the specified user
<code>update_user_security_profiles</code>	Assigns the specified security profiles to the specified user
<code>update_view_content</code>	Updates the view content of the given view identifier in the specified Amazon Connect instance
<code>update_view_metadata</code>	Updates the view metadata

Examples

```
## Not run:
svc <- connect()
```

```

svc$activate_evaluation_form(
  Foo = 123
)

## End(Not run)

```

connectcampaignservice

AmazonConnectCampaignService

Description

Provide APIs to create and manage Amazon Connect Campaigns.

Usage

```

connectcampaignservice(
  config = list(),
  credentials = list(),
  endpoint = NULL,
  region = NULL
)

```

Arguments

config

Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- connectcampaignservice(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
```

```
    region = "string"
  )
```

Operations

create_campaign	Creates a campaign for the specified Amazon Connect account
delete_campaign	Deletes a campaign from the specified Amazon Connect account
delete_connect_instance_config	Deletes a connect instance config from the specified AWS account
delete_instance_onboarding_job	Delete the Connect Campaigns onboarding job for the specified Amazon Connect account
describe_campaign	Describes the specific campaign
get_campaign_state	Get state of a campaign for the specified Amazon Connect account
get_campaign_state_batch	Get state of campaigns for the specified Amazon Connect account
get_connect_instance_config	Get the specific Connect instance config
get_instance_onboarding_job_status	Get the specific instance onboarding job status
list_campaigns	Provides summary information about the campaigns under the specified Amazon Connect account
list_tags_for_resource	List tags for a resource
pause_campaign	Pauses a campaign for the specified Amazon Connect account
put_dial_request_batch	Creates dial requests for the specified campaign Amazon Connect account
resume_campaign	Stops a campaign for the specified Amazon Connect account
start_campaign	Starts a campaign for the specified Amazon Connect account
start_instance_onboarding_job	Onboard the specific Amazon Connect instance to Connect Campaigns
stop_campaign	Stops a campaign for the specified Amazon Connect account
tag_resource	Tag a resource
untag_resource	Untag a resource
update_campaign_dialer_config	Updates the dialer config of a campaign
update_campaign_name	Updates the name of a campaign
update_campaign_outbound_call_config	Updates the outbound call config of a campaign

Examples

```
## Not run:
svc <- connectcampaignservice()
svc$create_campaign(
  Foo = 123
)

## End(Not run)
```

connectcampaignservicev2

AmazonConnectCampaignServiceV2

Description

Provide APIs to create and manage Amazon Connect Campaigns.

Usage

```
connectcampaignservicev2(
    config = list(),
    credentials = list(),
    endpoint = NULL,
    region = NULL
)
```

Arguments

config	<p>Optional configuration of credentials, endpoint, and/or region.</p> <ul style="list-style-type: none"> • credentials: <ul style="list-style-type: none"> – creds: <ul style="list-style-type: none"> * access_key_id: AWS access key ID * secret_access_key: AWS secret access key * session_token: AWS temporary session token – profile: The name of a profile to use. If not given, then the default profile is used. – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	<p>Optional credentials shorthand for the config parameter</p> <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```

svc <- connectcampaignservicev2(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)

```

Operations

create_campaign	Creates a campaign for the specified Amazon Connect account
delete_campaign	Deletes a campaign from the specified Amazon Connect account
delete_campaign_channel_subtype_config	Deletes the channel subtype config of a campaign
delete_campaign_communication_limits	Deletes the communication limits config for a campaign
delete_campaign_communication_time	Deletes the communication time config for a campaign
delete_connect_instance_config	Deletes a connect instance config from the specified AWS account
delete_connect_instance_integration	Delete the integration for the specified Amazon Connect instance
delete_instance_onboarding_job	Delete the Connect Campaigns onboarding job for the specified Amazon Connect instance
describe_campaign	Describes the specific campaign
get_campaign_state	Get state of a campaign for the specified Amazon Connect account
get_campaign_state_batch	Get state of campaigns for the specified Amazon Connect account
get_connect_instance_config	Get the specific Connect instance config
get_instance_onboarding_job_status	Get the specific instance onboarding job status

<code>list_campaigns</code>	Provides summary information about the campaigns under the specified Amazon
<code>list_connect_instance_integrations</code>	Provides summary information about the integration under the specified Connect
<code>list_tags_for_resource</code>	List tags for a resource
<code>pause_campaign</code>	Pauses a campaign for the specified Amazon Connect account
<code>put_connect_instance_integration</code>	Put or update the integration for the specified Amazon Connect instance
<code>put_outbound_request_batch</code>	Creates outbound requests for the specified campaign Amazon Connect account
<code>put_profile_outbound_request_batch</code>	Takes in a list of profile outbound requests to be placed as part of an outbound c
<code>resume_campaign</code>	Stops a campaign for the specified Amazon Connect account
<code>start_campaign</code>	Starts a campaign for the specified Amazon Connect account
<code>start_instance_onboarding_job</code>	Onboard the specific Amazon Connect instance to Connect Campaigns
<code>stop_campaign</code>	Stops a campaign for the specified Amazon Connect account
<code>tag_resource</code>	Tag a resource
<code>untag_resource</code>	Untag a resource
<code>update_campaign_channel_subtype_config</code>	Updates the channel subtype config of a campaign
<code>update_campaign_communication_limits</code>	Updates the communication limits config for a campaign
<code>update_campaign_communication_time</code>	Updates the communication time config for a campaign
<code>update_campaign_flow_association</code>	Updates the campaign flow associated with a campaign
<code>update_campaign_name</code>	Updates the name of a campaign
<code>update_campaign_schedule</code>	Updates the schedule for a campaign
<code>update_campaign_source</code>	Updates the campaign source with a campaign

Examples

```
## Not run:
svc <- connectcampaignservicev2()
svc$create_campaign(
  Foo = 123
)

## End(Not run)
```

connectcases	<i>Amazon Connect Cases</i>
--------------	-----------------------------

Description

- [Cases actions](#)
- [Cases data types](#)

With Amazon Connect Cases, your agents can track and manage customer issues that require multiple interactions, follow-up tasks, and teams in your contact center. A case represents a customer issue. It records the issue, the steps and interactions taken to resolve the issue, and the outcome. For more information, see [Amazon Connect Cases](#) in the *Amazon Connect Administrator Guide*.

Usage

```
connectcases(
  config = list(),
  credentials = list(),
  endpoint = NULL,
  region = NULL
)
```

Arguments

config	Optional configuration of credentials, endpoint, and/or region. <ul style="list-style-type: none"> • credentials: <ul style="list-style-type: none"> – creds: <ul style="list-style-type: none"> * access_key_id: AWS access key ID * secret_access_key: AWS secret access key * session_token: AWS temporary session token – profile: The name of a profile to use. If not given, then the default profile is used. – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```

svc <- connectcases(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)

```

Operations

batch_get_case_rule	Gets a batch of case rules
batch_get_field	Returns the description for the list of fields in the request parameters
batch_put_field_options	Creates and updates a set of field options for a single select field in a Cases domain
create_case	If you provide a value for PerformedBy
create_case_rule	Creates a new case rule
create_domain	Creates a domain, which is a container for all case data, such as cases, fields, templates and la
create_field	Creates a field in the Cases domain
create_layout	Creates a layout in the Cases domain
create_related_item	Creates a related item (comments, tasks, and contacts) and associates it with a case
create_template	Creates a template in the Cases domain
delete_case_rule	Deletes a case rule
delete_domain	Deletes a Cases domain
delete_field	Deletes a field from a cases template

<code>delete_layout</code>	Deletes a layout from a cases template
<code>delete_template</code>	Deletes a cases template
<code>get_case</code>	Returns information about a specific case if it exists
<code>get_case_audit_events</code>	Returns the audit history about a specific case if it exists
<code>get_case_event_configuration</code>	Returns the case event publishing configuration
<code>get_domain</code>	Returns information about a specific domain if it exists
<code>get_layout</code>	Returns the details for the requested layout
<code>get_template</code>	Returns the details for the requested template
<code>list_case_rules</code>	Lists all case rules in a Cases domain
<code>list_cases_for_contact</code>	Lists cases for a given contact
<code>list_domains</code>	Lists all cases domains in the Amazon Web Services account
<code>list_field_options</code>	Lists all of the field options for a field identifier in the domain
<code>list_fields</code>	Lists all fields in a Cases domain
<code>list_layouts</code>	Lists all layouts in the given cases domain
<code>list_tags_for_resource</code>	Lists tags for a resource
<code>list_templates</code>	Lists all of the templates in a Cases domain
<code>put_case_event_configuration</code>	Adds case event publishing configuration
<code>search_cases</code>	Searches for cases within their associated Cases domain
<code>search_related_items</code>	Searches for related items that are associated with a case
<code>tag_resource</code>	Adds tags to a resource
<code>untag_resource</code>	Untags a resource
<code>update_case</code>	If you provide a value for PerformedBy
<code>update_case_rule</code>	Updates a case rule
<code>update_field</code>	Updates the properties of an existing field
<code>update_layout</code>	Updates the attributes of an existing layout
<code>update_template</code>	Updates the attributes of an existing template

Examples

```
## Not run:
svc <- connectcases()
svc$batch_get_case_rule(
  Foo = 123
)

## End(Not run)
```

Description

- [Contact Lens actions](#)

- **Contact Lens data types**

Amazon Connect Contact Lens enables you to analyze conversations between customer and agents, by using speech transcription, natural language processing, and intelligent search capabilities. It performs sentiment analysis, detects issues, and enables you to automatically categorize contacts.

Amazon Connect Contact Lens provides both real-time and post-call analytics of customer-agent conversations. For more information, see [Analyze conversations using speech analytics](#) in the *Amazon Connect Administrator Guide*.

Usage

```
connectcontactlens(
    config = list(),
    credentials = list(),
    endpoint = NULL,
    region = NULL
)
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
- * **secret_access_key:** AWS secret access key
- * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials Optional credentials shorthand for the config parameter

- **creds:**

- **access_key_id:** AWS access key ID
- **secret_access_key:** AWS secret access key
- **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

	<ul style="list-style-type: none"> • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- connectcontactlens(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```

Operations

[list_realtime_contact_analysis_segments](#) Provides a list of analysis segments for a real-time analysis session

Examples

```
## Not run:
svc <- connectcontactlens()
svc$list_realtime_contact_analysis_segments(
  Foo = 123
)

## End(Not run)
```

connectparticipant	<i>Amazon Connect Participant Service</i>
--------------------	---

Description

- **Participant Service actions**
- **Participant Service data types**

Amazon Connect is an easy-to-use omnichannel cloud contact center service that enables companies of any size to deliver superior customer service at a lower cost. Amazon Connect communications capabilities make it easy for companies to deliver personalized interactions across communication channels, including chat.

Use the Amazon Connect Participant Service to manage participants (for example, agents, customers, and managers listening in), and to send messages and events within a chat contact. The APIs in the service enable the following: sending chat messages, attachment sharing, managing a participant's connection state and message events, and retrieving chat transcripts.

Usage

```
connectparticipant(
  config = list(),
  credentials = list(),
  endpoint = NULL,
  region = NULL
)
```

Arguments

config	Optional configuration of credentials, endpoint, and/or region.
--------	---

- **credentials:**
 - **creds:**
 - * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token
 - **profile:** The name of a profile to use. If not given, then the default profile is used.

	<ul style="list-style-type: none"> – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoints.html
credentials	<p>Optional credentials shorthand for the config parameter</p> <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- connectparticipant(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
```

```

    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)

```

Operations

cancel_participant_authentication	Cancels the authentication session
complete_attachment_upload	Allows you to confirm that the attachment has been uploaded using the pre-signed URL pr
create_participant_connection	Creates the participant's connection
describe_view	Retrieves the view for the specified view token
disconnect_participant	Disconnects a participant
get_attachment	Provides a pre-signed URL for download of a completed attachment
get_authentication_url	Retrieves the AuthenticationUrl for the current authentication session for the Authenticator
get_transcript	Retrieves a transcript of the session, including details about any attachments
send_event	The application/vnd
send_message	Sends a message
start_attachment_upload	Provides a pre-signed Amazon S3 URL in response for uploading the file directly to S3

Examples

```

## Not run:
svc <- connectparticipant()
svc$cancel_participant_authentication(
  Foo = 123
)

## End(Not run)

```

Description

Amazon Connect Wisdom delivers agents the information they need to solve customer issues as they're actively speaking with customers. Agents can search across connected repositories from within their agent desktop to find answers quickly. Use Amazon Connect Wisdom to create an assistant and a knowledge base, for example, or manage content by uploading custom files.

Usage

```
connectwisdomservice(
    config = list(),
    credentials = list(),
    endpoint = NULL,
    region = NULL
)
```

Arguments

config	Optional configuration of credentials, endpoint, and/or region. <ul style="list-style-type: none"> • credentials: <ul style="list-style-type: none"> – creds: <ul style="list-style-type: none"> * access_key_id: AWS access key ID * secret_access_key: AWS secret access key * session_token: AWS temporary session token – profile: The name of a profile to use. If not given, then the default profile is used. – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- connectwisdomservice(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```

Operations

create_assistant	Creates an Amazon Connect Wisdom assistant
create_assistant_association	Creates an association between an Amazon Connect Wisdom assistant and another resource
create_content	Creates Wisdom content
create_knowledge_base	Creates a knowledge base
create_quick_response	Creates a Wisdom quick response
create_session	Creates a session
delete_assistant	Deletes an assistant
delete_assistant_association	Deletes an assistant association

<code>delete_content</code>	Deletes the content
<code>delete_import_job</code>	Deletes the quick response import job
<code>delete_knowledge_base</code>	Deletes the knowledge base
<code>delete_quick_response</code>	Deletes a quick response
<code>get_assistant</code>	Retrieves information about an assistant
<code>get_assistant_association</code>	Retrieves information about an assistant association
<code>get_content</code>	Retrieves content, including a pre-signed URL to download the content
<code>get_content_summary</code>	Retrieves summary information about the content
<code>get_import_job</code>	Retrieves the started import job
<code>get_knowledge_base</code>	Retrieves information about the knowledge base
<code>get_quick_response</code>	Retrieves the quick response
<code>get_recommendations</code>	Retrieves recommendations for the specified session
<code>get_session</code>	Retrieves information for a specified session
<code>list_assistant_associations</code>	Lists information about assistant associations
<code>list_assistants</code>	Lists information about assistants
<code>list_contents</code>	Lists the content
<code>list_import_jobs</code>	Lists information about import jobs
<code>list_knowledge_bases</code>	Lists the knowledge bases
<code>list_quick_responses</code>	Lists information about quick response
<code>list_tags_for_resource</code>	Lists the tags for the specified resource
<code>notify_recommendations_received</code>	Removes the specified recommendations from the specified assistant's queue of new
<code>query_assistant</code>	Performs a manual search against the specified assistant
<code>remove_knowledge_base_template_uri</code>	Removes a URI template from a knowledge base
<code>search_content</code>	Searches for content in a specified knowledge base
<code>search_quick_responses</code>	Searches existing Wisdom quick responses in a Wisdom knowledge base
<code>search_sessions</code>	Searches for sessions
<code>start_content_upload</code>	Get a URL to upload content to a knowledge base
<code>start_import_job</code>	Start an asynchronous job to import Wisdom resources from an uploaded source file
<code>tag_resource</code>	Adds the specified tags to the specified resource
<code>untag_resource</code>	Removes the specified tags from the specified resource
<code>update_content</code>	Updates information about the content
<code>update_knowledge_base_template_uri</code>	Updates the template URI of a knowledge base
<code>update_quick_response</code>	Updates an existing Wisdom quick response

Examples

```
## Not run:
svc <- connectwisdomservice()
svc$create_assistant(
  Foo = 123
)

## End(Not run)
```

customerprofiles

*Amazon Connect Customer Profiles***Description**

- [Customer Profiles actions](#)
- [Customer Profiles data types](#)

Amazon Connect Customer Profiles is a unified customer profile for your contact center that has pre-built connectors powered by AppFlow that make it easy to combine customer information from third party applications, such as Salesforce (CRM), ServiceNow (ITSM), and your enterprise resource planning (ERP), with contact history from your Amazon Connect contact center.

For more information about the Amazon Connect Customer Profiles feature, see [Use Customer Profiles](#) in the *Amazon Connect Administrator's Guide*.

Usage

```
customerprofiles(
  config = list(),
  credentials = list(),
  endpoint = NULL,
  region = NULL
)
```

Arguments

config

Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- customerprofiles(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
```



```

        region = "string"
    )

```

Operations

<code>add_profile_key</code>	Associates a new key value with a specific profile, such as a Contact Record Con
<code>batch_get_calculated_attribute_for_profile</code>	Fetch the possible attribute values given the attribute name
<code>batch_get_profile</code>	Get a batch of profiles
<code>create_calculated_attribute_definition</code>	Creates a new calculated attribute definition
<code>create_domain</code>	Creates a domain, which is a container for all customer data, such as customer pr
<code>create_event_stream</code>	Creates an event stream, which is a subscription to real-time events, such as whe
<code>create_event_trigger</code>	Creates an event trigger, which specifies the rules when to perform action based o
<code>create_integration_workflow</code>	Creates an integration workflow
<code>create_profile</code>	Creates a standard profile
<code>create_segment_definition</code>	Creates a segment definition associated to the given domain
<code>create_segment_estimate</code>	Creates a segment estimate query
<code>create_segment_snapshot</code>	Triggers a job to export a segment to a specified destination
<code>delete_calculated_attribute_definition</code>	Deletes an existing calculated attribute definition
<code>delete_domain</code>	Deletes a specific domain and all of its customer data, such as customer profile a
<code>delete_event_stream</code>	Disables and deletes the specified event stream
<code>delete_event_trigger</code>	Disable and deletes the Event Trigger
<code>delete_integration</code>	Removes an integration from a specific domain
<code>delete_profile</code>	Deletes the standard customer profile and all data pertaining to the profile
<code>delete_profile_key</code>	Removes a searchable key from a customer profile
<code>delete_profile_object</code>	Removes an object associated with a profile of a given ProfileObjectType
<code>delete_profile_object_type</code>	Removes a ProfileObjectType from a specific domain as well as removes all the l
<code>delete_segment_definition</code>	Deletes a segment definition from the domain
<code>delete_workflow</code>	Deletes the specified workflow and all its corresponding resources
<code>detect_profile_object_type</code>	The process of detecting profile object type mapping by using given objects
<code>get_auto_merging_preview</code>	Tests the auto-merging settings of your Identity Resolution Job without merging
<code>get_calculated_attribute_definition</code>	Provides more information on a calculated attribute definition for Customer Profi
<code>get_calculated_attribute_for_profile</code>	Retrieve a calculated attribute for a customer profile
<code>get_domain</code>	Returns information about a specific domain
<code>get_event_stream</code>	Returns information about the specified event stream in a specific domain
<code>get_event_trigger</code>	Get a specific Event Trigger from the domain
<code>get_identity_resolution_job</code>	Returns information about an Identity Resolution Job in a specific domain
<code>get_integration</code>	Returns an integration for a domain
<code>get_matches</code>	Before calling this API, use CreateDomain or UpdateDomain to enable identity r
<code>get_profile_object_type</code>	Returns the object types for a specific domain
<code>get_profile_object_type_template</code>	Returns the template information for a specific object type
<code>get_segment_definition</code>	Gets a segment definition from the domain
<code>get_segment_estimate</code>	Gets the result of a segment estimate query
<code>get_segment_membership</code>	Determines if the given profiles are within a segment
<code>get_segment_snapshot</code>	Retrieve the latest status of a segment snapshot
<code>get_similar_profiles</code>	Returns a set of profiles that belong to the same matching group using the match
<code>get_workflow</code>	Get details of specified workflow
<code>get_workflow_steps</code>	Get granular list of steps in workflow
<code>list_account_integrations</code>	Lists all of the integrations associated to a specific URI in the AWS account

list_calculated_attribute_definitions	Lists calculated attribute definitions for Customer Profiles
list_calculated_attributes_for_profile	Retrieve a list of calculated attributes for a customer profile
list_domains	Returns a list of all the domains for an AWS account that have been created
list_event_streams	Returns a list of all the event streams in a specific domain
list_event_triggers	List all Event Triggers under a domain
list_identity_resolution_jobs	Lists all of the Identity Resolution Jobs in your domain
list_integrations	Lists all of the integrations in your domain
list_object_type_attributes	Fetch the possible attribute values given the attribute name
list_profile_attribute_values	Fetch the possible attribute values given the attribute name
list_profile_objects	Returns a list of objects associated with a profile of a given ProfileObjectType
list_profile_object_types	Lists all of the templates available within the service
list_profile_object_type_templates	Lists all of the template information for object types
list_rule_based_matches	Returns a set of MatchIds that belong to the given domain
list_segment_definitions	Lists all segment definitions under a domain
list_tags_for_resource	Displays the tags associated with an Amazon Connect Customer Profiles resource
list_workflows	Query to list all workflows
merge_profiles	Runs an AWS Lambda job that does the following:
put_integration	Adds an integration between the service and a third-party service, which includes
put_profile_object	Adds additional objects to customer profiles of a given ObjectType
put_profile_object_type	Defines a ProfileObjectType
search_profiles	Searches for profiles within a specific domain using one or more predefined search
tag_resource	Assigns one or more tags (key-value pairs) to the specified Amazon Connect Customer Profiles resource
untag_resource	Removes one or more tags from the specified Amazon Connect Customer Profiles resource
update_calculated_attribute_definition	Updates an existing calculated attribute definition
update_domain	Updates the properties of a domain, including creating or selecting a dead letter queue
update_event_trigger	Update the properties of an Event Trigger
update_profile	Updates the properties of a profile

Examples

```
## Not run:
svc <- customerprofiles()
svc$add_profile_key(
  Foo = 123
)

## End(Not run)
```

Description

Doc Engage API - Amazon Pinpoint API

Usage

```
pinpoint(config = list(), credentials = list(), endpoint = NULL, region = NULL)
```

Arguments

config	Optional configuration of credentials, endpoint, and/or region. <ul style="list-style-type: none"> • credentials: <ul style="list-style-type: none"> – creds: <ul style="list-style-type: none"> * access_key_id: AWS access key ID * secret_access_key: AWS secret access key * session_token: AWS temporary session token – profile: The name of a profile to use. If not given, then the default profile is used. – anonymous: Set anonymous credentials. • endpoint: The complete URL to use for the constructed client. • region: The AWS Region used in instantiating the client. • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	Optional credentials shorthand for the config parameter <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```

svc <- pinpoint(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)

```

Operations

create_app	Creates an application
create_campaign	Creates a new campaign for an application or updates the settings of an existing campaign
create_email_template	Creates a message template for messages that are sent through the email channel
create_export_job	Creates an export job for an application
create_import_job	Creates an import job for an application
create_in_app_template	Creates a new message template for messages using the in-app message channel
create_journey	Creates a journey for an application
create_push_template	Creates a message template for messages that are sent through a push notification channel
create_recommender_configuration	Creates an Amazon Pinpoint configuration for a recommender model
create_segment	Creates a new segment for an application or updates the configuration, dimensions, and filters of an existing segment
create_sms_template	Creates a message template for messages that are sent through the SMS channel
create_voice_template	Creates a message template for messages that are sent through the voice channel
delete_adm_channel	Disables the ADM channel for an application and deletes any existing settings

<code>delete_apns_channel</code>	Disables the APNs channel for an application and deletes any existing settings
<code>delete_apns_sandbox_channel</code>	Disables the APNs sandbox channel for an application and deletes any existing settings
<code>delete_apns_voip_channel</code>	Disables the APNs VoIP channel for an application and deletes any existing settings
<code>delete_apns_voip_sandbox_channel</code>	Disables the APNs VoIP sandbox channel for an application and deletes any existing settings
<code>delete_app</code>	Deletes an application
<code>delete_baidu_channel</code>	Disables the Baidu channel for an application and deletes any existing settings
<code>delete_campaign</code>	Deletes a campaign from an application
<code>delete_email_channel</code>	Disables the email channel for an application and deletes any existing settings
<code>delete_email_template</code>	Deletes a message template for messages that were sent through the email channel
<code>delete_endpoint</code>	Deletes an endpoint from an application
<code>delete_event_stream</code>	Deletes the event stream for an application
<code>delete_gcm_channel</code>	Disables the GCM channel for an application and deletes any existing settings
<code>delete_in_app_template</code>	Deletes a message template for messages sent using the in-app message channel
<code>delete_journey</code>	Deletes a journey from an application
<code>delete_push_template</code>	Deletes a message template for messages that were sent through a push notification
<code>delete_recommender_configuration</code>	Deletes an Amazon Pinpoint configuration for a recommender model
<code>delete_segment</code>	Deletes a segment from an application
<code>delete_sms_channel</code>	Disables the SMS channel for an application and deletes any existing settings
<code>delete_sms_template</code>	Deletes a message template for messages that were sent through the SMS channel
<code>delete_user_endpoints</code>	Deletes all the endpoints that are associated with a specific user ID
<code>delete_voice_channel</code>	Disables the voice channel for an application and deletes any existing settings
<code>delete_voice_template</code>	Deletes a message template for messages that were sent through the voice channel
<code>get_adm_channel</code>	Retrieves information about the status and settings of the ADM channel for an application
<code>get_apns_channel</code>	Retrieves information about the status and settings of the APNs channel for an application
<code>get_apns_sandbox_channel</code>	Retrieves information about the status and settings of the APNs sandbox channel for an application
<code>get_apns_voip_channel</code>	Retrieves information about the status and settings of the APNs VoIP channel for an application
<code>get_apns_voip_sandbox_channel</code>	Retrieves information about the status and settings of the APNs VoIP sandbox channel for an application
<code>get_app</code>	Retrieves information about an application
<code>get_application_date_range_kpi</code>	Retrieves (queries) pre-aggregated data for a standard metric that applies to an application
<code>get_application_settings</code>	Retrieves information about the settings for an application
<code>get_apps</code>	Retrieves information about all the applications that are associated with your Amazon Pinpoint account
<code>get_baidu_channel</code>	Retrieves information about the status and settings of the Baidu channel for an application
<code>get_campaign</code>	Retrieves information about the status, configuration, and other settings for a campaign
<code>get_campaign_activities</code>	Retrieves information about all the activities for a campaign
<code>get_campaign_date_range_kpi</code>	Retrieves (queries) pre-aggregated data for a standard metric that applies to a campaign
<code>get_campaigns</code>	Retrieves information about the status, configuration, and other settings for all campaigns
<code>get_campaign_version</code>	Retrieves information about the status, configuration, and other settings for a specific campaign version
<code>get_campaign_versions</code>	Retrieves information about the status, configuration, and other settings for all campaign versions
<code>get_channels</code>	Retrieves information about the history and status of each channel for an application
<code>get_email_channel</code>	Retrieves information about the status and settings of the email channel for an application
<code>get_email_template</code>	Retrieves the content and settings of a message template for messages that are sent through the email channel
<code>get_endpoint</code>	Retrieves information about the settings and attributes of a specific endpoint for an application
<code>get_event_stream</code>	Retrieves information about the event stream settings for an application
<code>get_export_job</code>	Retrieves information about the status and settings of a specific export job for an application
<code>get_export_jobs</code>	Retrieves information about the status and settings of all the export jobs for an application
<code>get_gcm_channel</code>	Retrieves information about the status and settings of the GCM channel for an application
<code>get_import_job</code>	Retrieves information about the status and settings of a specific import job for an application
<code>get_import_jobs</code>	Retrieves information about the status and settings of all the import jobs for an application

<code>get_in_app_messages</code>	Retrieves the in-app messages targeted for the provided endpoint ID
<code>get_in_app_template</code>	Retrieves the content and settings of a message template for messages sent through the in-app channel
<code>get_journey</code>	Retrieves information about the status, configuration, and other settings for a journey
<code>get_journey_date_range_kpi</code>	Retrieves (queries) pre-aggregated data for a standard engagement metric that applies to a journey
<code>get_journey_execution_activity_metrics</code>	Retrieves (queries) pre-aggregated data for a standard execution metric that applies to a journey
<code>get_journey_execution_metrics</code>	Retrieves (queries) pre-aggregated data for a standard execution metric that applies to a journey
<code>get_journey_run_execution_activity_metrics</code>	Retrieves (queries) pre-aggregated data for a standard run execution metric that applies to a journey
<code>get_journey_run_execution_metrics</code>	Retrieves (queries) pre-aggregated data for a standard run execution metric that applies to a journey
<code>get_journey_runs</code>	Provides information about the runs of a journey
<code>get_push_template</code>	Retrieves the content and settings of a message template for messages that are sent through the push channel
<code>get_recommender_configuration</code>	Retrieves information about an Amazon Pinpoint configuration for a recommender model
<code>get_recommender_configurations</code>	Retrieves information about all the recommender model configurations that are associated with an application
<code>get_segment</code>	Retrieves information about the configuration, dimension, and other settings for a segment
<code>get_segment_export_jobs</code>	Retrieves information about the status and settings of the export jobs for a segment
<code>get_segment_import_jobs</code>	Retrieves information about the status and settings of the import jobs for a segment
<code>get_segments</code>	Retrieves information about the configuration, dimension, and other settings for all segments
<code>get_segment_version</code>	Retrieves information about the configuration, dimension, and other settings for a specific version of a segment
<code>get_segment_versions</code>	Retrieves information about the configuration, dimension, and other settings for all versions of a segment
<code>get_sms_channel</code>	Retrieves information about the status and settings of the SMS channel for an application
<code>get_sms_template</code>	Retrieves the content and settings of a message template for messages that are sent through the SMS channel
<code>get_user_endpoints</code>	Retrieves information about all the endpoints that are associated with a specific user
<code>get_voice_channel</code>	Retrieves information about the status and settings of the voice channel for an application
<code>get_voice_template</code>	Retrieves the content and settings of a message template for messages that are sent through the voice channel
<code>list_journeys</code>	Retrieves information about the status, configuration, and other settings for all journeys
<code>list_tags_for_resource</code>	Retrieves all the tags (keys and values) that are associated with an application, campaign, message template, or segment
<code>list_templates</code>	Retrieves information about all the message templates that are associated with an application
<code>list_template_versions</code>	Retrieves information about all the versions of a specific message template
<code>phone_number_validate</code>	Retrieves information about a phone number
<code>put_events</code>	Creates a new event to record for endpoints, or creates or updates endpoint data
<code>put_event_stream</code>	Creates a new event stream for an application or updates the settings of an existing event stream
<code>remove_attributes</code>	Removes one or more custom attributes, of the same attribute type, from the application
<code>send_messages</code>	Creates and sends a direct message
<code>send_otp_message</code>	Send an OTP message
<code>send_users_messages</code>	Creates and sends a message to a list of users
<code>tag_resource</code>	Adds one or more tags (keys and values) to an application, campaign, message template, or segment
<code>untag_resource</code>	Removes one or more tags (keys and values) from an application, campaign, message template, or segment
<code>update_adm_channel</code>	Enables the ADM channel for an application or updates the status and settings
<code>update_apns_channel</code>	Enables the APNs channel for an application or updates the status and settings
<code>update_apns_sandbox_channel</code>	Enables the APNs sandbox channel for an application or updates the status and settings
<code>update_apns_voip_channel</code>	Enables the APNs VoIP channel for an application or updates the status and settings
<code>update_apns_voip_sandbox_channel</code>	Enables the APNs VoIP sandbox channel for an application or updates the status and settings
<code>update_application_settings</code>	Updates the settings for an application
<code>update_baidu_channel</code>	Enables the Baidu channel for an application or updates the status and settings
<code>update_campaign</code>	Updates the configuration and other settings for a campaign
<code>update_email_channel</code>	Enables the email channel for an application or updates the status and settings
<code>update_email_template</code>	Updates an existing message template for messages that are sent through the email channel
<code>update_endpoint</code>	Creates a new endpoint for an application or updates the settings and attributes
<code>update_endpoints_batch</code>	Creates a new batch of endpoints for an application or updates the settings and attributes

update_gcm_channel	Enables the GCM channel for an application or updates the status and settings
update_in_app_template	Updates an existing message template for messages sent through the in-app me
update_journey	Updates the configuration and other settings for a journey
update_journey_state	Cancel (stops) an active journey
update_push_template	Updates an existing message template for messages that are sent through a pus
update_recommender_configuration	Updates an Amazon Pinpoint configuration for a recommender model
update_segment	Creates a new segment for an application or updates the configuration, dimensi
update_sms_channel	Enables the SMS channel for an application or updates the status and settings o
update_sms_template	Updates an existing message template for messages that are sent through the S
update_template_active_version	Changes the status of a specific version of a message template to active
update_voice_channel	Enables the voice channel for an application or updates the status and settings
update_voice_template	Updates an existing message template for messages that are sent through the v
verify_otp_message	Verify an OTP

Examples

```
## Not run:
svc <- pinpoint()
svc$create_app(
  Foo = 123
)

## End(Not run)
```

pinpointemail

Amazon Pinpoint Email Service

Description

Welcome to the *Amazon Pinpoint Email API Reference*. This guide provides information about the Amazon Pinpoint Email API (version 1.0), including supported operations, data types, parameters, and schemas.

Amazon Pinpoint is an AWS service that you can use to engage with your customers across multiple messaging channels. You can use Amazon Pinpoint to send email, SMS text messages, voice messages, and push notifications. The Amazon Pinpoint Email API provides programmatic access to options that are unique to the email channel and supplement the options provided by the Amazon Pinpoint API.

If you're new to Amazon Pinpoint, you might find it helpful to also review the **Amazon Pinpoint Developer Guide**. The *Amazon Pinpoint Developer Guide* provides tutorials, code samples, and procedures that demonstrate how to use Amazon Pinpoint features programmatically and how to integrate Amazon Pinpoint functionality into mobile apps and other types of applications. The guide also provides information about key topics such as Amazon Pinpoint integration with other AWS services and the limits that apply to using the service.

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 Service Endpoints](#) in the *Amazon Web Services General Reference*. To learn more about AWS Regions, see [Managing AWS Regions](#) 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(
    config = list(),
    credentials = list(),
    endpoint = NULL,
    region = NULL
)
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.
 - **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials Optional credentials shorthand for the config parameter

- **creds:**

- **access_key_id:** AWS access key ID
 - **secret_access_key:** AWS secret access key

- **session_token**: AWS temporary session token
 - **profile**: The name of a profile to use. If not given, then the default profile is used.
 - **anonymous**: Set anonymous credentials.
- endpoint Optional shorthand for complete URL to use for the constructed client.
- region Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- pinpointemail(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```

Operations

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

```
## Not run:
svc <- pinpointemail()
```

```

svc$create_configuration_set(
  Foo = 123
)

## End(Not run)

```

pinpointSMSvoice

Amazon Pinpoint SMS and Voice Service

Description

Pinpoint SMS and Voice Messaging public facing APIs

Usage

```

pinpointSMSvoice(
  config = list(),
  credentials = list(),
  endpoint = NULL,
  region = NULL
)

```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
- * **secret_access_key:** AWS secret access key
- * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials Optional credentials shorthand for the config parameter

- **creds:**
 - **access_key_id:** AWS access key ID
 - **secret_access_key:** AWS secret access key
 - **session_token:** AWS temporary session token
- **profile:** The name of a profile to use. If not given, then the default profile is used.
- **anonymous:** Set anonymous credentials.

endpoint Optional shorthand for complete URL to use for the constructed client.

region Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- pinpointSMSvoice(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```

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 receives
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

```
## Not run:
svc <- pinpointSMSvoice()
svc$create_configuration_set(
  Foo = 123
)

## End(Not run)
```

pinpointSMSvoicev2 *Amazon Pinpoint SMS Voice V2*

Description

Welcome to the *AWS End User Messaging SMS and Voice, version 2 API Reference*. This guide provides information about AWS End User Messaging SMS and Voice, version 2 API resources, including supported HTTP methods, parameters, and schemas.

Amazon Pinpoint is an Amazon Web Services service that you can use to engage with your recipients across multiple messaging channels. The AWS End User Messaging SMS and Voice, version 2 API provides programmatic access to options that are unique to the SMS and voice channels. AWS End User Messaging SMS and Voice, version 2 resources such as phone numbers, sender IDs, and opt-out lists can be used by the Amazon Pinpoint API.

If you're new to AWS End User Messaging SMS and Voice, it's also helpful to review the [AWS End User Messaging SMS User Guide](#). The *AWS End User Messaging SMS User Guide* provides tutorials, code samples, and procedures that demonstrate how to use AWS End User Messaging SMS and Voice features programmatically and how to integrate functionality into mobile apps and other types of applications. The guide also provides key information, such as AWS End User Messaging SMS and Voice integration with other Amazon Web Services services, and the quotas that apply to use of the service.

Regional availability

The *AWS End User Messaging SMS and Voice version 2 API Reference* is available in several Amazon Web Services 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 [Amazon Web Services Service Endpoints](#) and [Amazon Pinpoint endpoints and quotas](#) in the Amazon Web Services General Reference. To learn more about Amazon Web Services Regions, see [Managing Amazon Web Services Regions](#) in the Amazon Web Services General Reference.

In each Region, Amazon Web Services 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 [Amazon Web Services Global Infrastructure](#).

Usage

```
pinpointSMSvoicev2(
    config = list(),
    credentials = list(),
    endpoint = NULL,
    region = NULL
)
```

Arguments

`config` Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
- * **secret_access_key:** AWS secret access key
- * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

`credentials` Optional credentials shorthand for the config parameter

- **creds:**

- **access_key_id:** AWS access key ID

	<ul style="list-style-type: none"> – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- pinpointSMSvoicev2(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```


Operations

<code>associate_origination_identity</code>	Associates the specified origination identity with a pool
<code>associate_protect_configuration</code>	Associate a protect configuration with a configuration set
<code>create_configuration_set</code>	Creates a new configuration set
<code>create_event_destination</code>	Creates a new event destination in a configuration set
<code>create_opt_out_list</code>	Creates a new opt-out list
<code>create_pool</code>	Creates a new pool and associates the specified origination identity
<code>create_protect_configuration</code>	Create a new protect configuration
<code>create_registration</code>	Creates a new registration based on the <code>RegistrationType</code> field
<code>create_registration_association</code>	Associate the registration with an origination identity such as a phone number
<code>create_registration_attachment</code>	Create a new registration attachment to use for uploading a file or a document
<code>create_registration_version</code>	Create a new version of the registration and increase the <code>VersionNumber</code>
<code>create_verified_destination_number</code>	You can only send messages to verified destination numbers when using the <code>Send</code> operation
<code>delete_account_default_protect_configuration</code>	Removes the current account default protect configuration
<code>delete_configuration_set</code>	Deletes an existing configuration set
<code>delete_default_message_type</code>	Deletes an existing default message type on a configuration set
<code>delete_default_sender_id</code>	Deletes an existing default sender ID on a configuration set
<code>delete_event_destination</code>	Deletes an existing event destination
<code>delete_keyword</code>	Deletes an existing keyword from an origination phone number or pool
<code>delete_media_message_spend_limit_override</code>	Deletes an account-level monthly spending limit override for sending voice messages
<code>delete_opted_out_number</code>	Deletes an existing opted out destination phone number from the specified pool
<code>delete_opt_out_list</code>	Deletes an existing opt-out list
<code>delete_pool</code>	Deletes an existing pool
<code>delete_protect_configuration</code>	Permanently delete the protect configuration
<code>delete_protect_configuration_rule_set_number_override</code>	Permanently delete the protect configuration rule set number override
<code>delete_registration</code>	Permanently delete an existing registration from your account
<code>delete_registration_attachment</code>	Permanently delete the specified registration attachment
<code>delete_registration_field_value</code>	Delete the value in a registration form field
<code>delete_resource_policy</code>	Deletes the resource-based policy document attached to the AWS End User Messaging account
<code>delete_text_message_spend_limit_override</code>	Deletes an account-level monthly spending limit override for sending text messages
<code>delete_verified_destination_number</code>	Delete a verified destination phone number
<code>delete_voice_message_spend_limit_override</code>	Deletes an account level monthly spend limit override for sending voice messages
<code>describe_account_attributes</code>	Describes attributes of your Amazon Web Services account
<code>describe_account_limits</code>	Describes the current AWS End User Messaging SMS and Voice Service limits
<code>describe_configuration_sets</code>	Describes the specified configuration sets or all in your account
<code>describe_keywords</code>	Describes the specified keywords or all keywords on your origination identity
<code>describe_opted_out_numbers</code>	Describes the specified opted out destination numbers or all opted out numbers in your account
<code>describe_opt_out_lists</code>	Describes the specified opt-out list or all opt-out lists in your account
<code>describe_phone_numbers</code>	Describes the specified origination phone number, or all the phone numbers in your account
<code>describe_pools</code>	Retrieves the specified pools or all pools associated with your Amazon Web Services account
<code>describe_protect_configurations</code>	Retrieves the protect configurations that match any of filters
<code>describe_registration_attachments</code>	Retrieves the specified registration attachments or all registration attachments in your account
<code>describe_registration_field_definitions</code>	Retrieves the specified registration type field definitions
<code>describe_registration_field_values</code>	Retrieves the specified registration field values
<code>describe_registrations</code>	Retrieves the specified registrations
<code>describe_registration_section_definitions</code>	Retrieves the specified registration section definitions
<code>describe_registration_type_definitions</code>	Retrieves the specified registration type definitions

describe_registration_versions	Retrieves the specified registration version
describe_sender_ids	Describes the specified SenderIds or all SenderIds associated with your account
describe_spend_limits	Describes the current monthly spend limits for sending voice and text messages
describe_verified_destination_numbers	Retrieves the specified verified destination numbers
disassociate_origination_identity	Removes the specified origination identity from an existing pool
disassociate_protect_configuration	Disassociate a protect configuration from a configuration set
discard_registration_version	Discard the current version of the registration
get_protect_configuration_country_rule_set	Retrieve the CountryRuleSet for the specified NumberCapability from a configuration set
get_resource_policy	Retrieves the JSON text of the resource-based policy document attached to a resource
list_pool_origination_identities	Lists all associated origination identities in your pool
list_protect_configuration_rule_set_number_overrides	Retrieve all of the protect configuration rule set number overrides for a configuration set
list_registration_associations	Retrieve all of the origination identities that are associated with a resource
list_tags_for_resource	List all tags associated with a resource
put_keyword	Creates or updates a keyword configuration on an origination phone number
put_message_feedback	Set the MessageFeedbackStatus as RECEIVED or FAILED for the specified message
put_opted_out_number	Creates an opted out destination phone number in the opt-out list
put_protect_configuration_rule_set_number_override	Create or update a RuleSetNumberOverride and associate it with a configuration set
put_registration_field_value	Creates or updates a field value for a registration
put_resource_policy	Attaches a resource-based policy to a AWS End User Messaging Service resource
release_phone_number	Releases an existing origination phone number in your account
release_sender_id	Releases an existing sender ID in your account
request_phone_number	Request an origination phone number for use in your account
request_sender_id	Request a new sender ID that doesn't require registration
send_destination_number_verification_code	Before you can send test messages to a verified destination phone number, you must request a verification code
send_media_message	Creates a new multimedia message (MMS) and sends it to a recipient's phone number
send_text_message	Creates a new text message and sends it to a recipient's phone number
send_voice_message	Allows you to send a request that sends a voice message
set_account_default_protect_configuration	Set a protect configuration as your account default
set_default_message_feedback_enabled	Sets a configuration set's default for message feedback
set_default_message_type	Sets the default message type on a configuration set
set_default_sender_id	Sets default sender ID on a configuration set
set_media_message_spend_limit_override	Sets an account level monthly spend limit override for sending multimedia messages
set_text_message_spend_limit_override	Sets an account level monthly spend limit override for sending text messages
set_voice_message_spend_limit_override	Sets an account level monthly spend limit override for sending voice messages
submit_registration_version	Submit the specified registration for review and approval
tag_resource	Adds or overwrites only the specified tags for the specified resource
untag_resource	Removes the association of the specified tags from a resource
update_event_destination	Updates an existing event destination in a configuration set
update_phone_number	Updates the configuration of an existing origination phone number
update_pool	Updates the configuration of an existing pool
update_protect_configuration	Update the setting for an existing protect configuration
update_protect_configuration_country_rule_set	Update a country rule set to ALLOW or BLOCK messages to be sent to a specific country
update_sender_id	Updates the configuration of an existing sender ID
verify_destination_number	Use the verification code that was received by the verified destination number to verify the destination number

Examples

```
## Not run:
svc <- pinpointSMSvoicev2()
svc$associate_origination_identity(
  Foo = 123
)

## End(Not run)
```

 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](#).

This documentation contains reference information related to the following:

- [Amazon SES API Actions](#)
- [Amazon SES API Data Types](#)
- [Common Parameters](#)
- [Common Errors](#)

Usage

```
ses(config = list(), credentials = list(), endpoint = NULL, region = NULL)
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

- **credentials:**
 - **creds:**
 - * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token
 - **profile:** The name of a profile to use. If not given, then the default profile is used.
 - **anonymous:** Set anonymous credentials.
- **endpoint:** The complete URL to use for the constructed client.
- **region:** The AWS Region used in instantiating the client.

	<ul style="list-style-type: none"> • close_connection: Immediately close all HTTP connections. • timeout: The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds. • s3_force_path_style: Set this to true to force the request to use path-style addressing, i.e. <code>http://s3.amazonaws.com/BUCKET/KEY</code>. • sts_regional_endpoint: Set sts regional endpoint resolver to regional or legacy https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html
credentials	<p>Optional credentials shorthand for the config parameter</p> <ul style="list-style-type: none"> • creds: <ul style="list-style-type: none"> – access_key_id: AWS access key ID – secret_access_key: AWS secret access key – session_token: AWS temporary session token • profile: The name of a profile to use. If not given, then the default profile is used. • anonymous: Set anonymous credentials.
endpoint	Optional shorthand for complete URL to use for the constructed client.
region	Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- ses(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
```

```

        creds = list(
            access_key_id = "string",
            secret_access_key = "string",
            session_token = "string"
        ),
        profile = "string",
        anonymous = "logical"
    ),
    endpoint = "string",
    region = "string"
)

```

Operations

[clone_receipt_rule_set](#)
[create_configuration_set](#)
[create_configuration_set_event_destination](#)
[create_configuration_set_tracking_options](#)
[create_custom_verification_email_template](#)
[create_receipt_filter](#)
[create_receipt_rule](#)
[create_receipt_rule_set](#)
[create_template](#)
[delete_configuration_set](#)
[delete_configuration_set_event_destination](#)
[delete_configuration_set_tracking_options](#)
[delete_custom_verification_email_template](#)
[delete_identity](#)
[delete_identity_policy](#)
[delete_receipt_filter](#)
[delete_receipt_rule](#)
[delete_receipt_rule_set](#)
[delete_template](#)
[delete_verified_email_address](#)
[describe_active_receipt_rule_set](#)
[describe_configuration_set](#)
[describe_receipt_rule](#)
[describe_receipt_rule_set](#)
[get_account_sending_enabled](#)
[get_custom_verification_email_template](#)
[get_identity_dkim_attributes](#)
[get_identity_mail_from_domain_attributes](#)
[get_identity_notification_attributes](#)
[get_identity_policies](#)
[get_identity_verification_attributes](#)
[get_send_quota](#)
[get_send_statistics](#)
[get_template](#)

Creates a receipt rule set by cloning an existing one
 Creates a configuration set
 Creates a configuration set event destination
 Creates an association between a configuration set and a custom domain
 Creates a new custom verification email template
 Creates a new IP address filter
 Creates a receipt rule
 Creates an empty receipt rule set
 Creates an email template
 Deletes a configuration set
 Deletes a configuration set event destination
 Deletes an association between a configuration set and a custom domain
 Deletes an existing custom verification email template
 Deletes the specified identity (an email address or a domain) from the account
 Deletes the specified sending authorization policy for the given identity
 Deletes the specified IP address filter
 Deletes the specified receipt rule
 Deletes the specified receipt rule set and all of the receipt rules it contains
 Deletes an email template
 Deprecated
 Returns the metadata and receipt rules for the receipt rule set that is currently active
 Returns the details of the specified configuration set
 Returns the details of the specified receipt rule
 Returns the details of the specified receipt rule set
 Returns the email sending status of the Amazon SES account for the specified region
 Returns the custom email verification template for the template name
 Returns the current status of Easy DKIM signing for an entity
 Returns the custom MAIL FROM attributes for a list of identities (email addresses and/or domains)
 Given a list of verified identities (email addresses and/or domains), returns the requested sending authorization policies for the given identities
 Returns the requested sending authorization policies for the given identities
 Given a list of identities (email addresses and/or domains), returns the sending limits for the Amazon SES account
 Provides the sending limits for the Amazon SES account
 Provides sending statistics for the current Amazon Web Services Region
 Displays the template object (which includes the Subject line, HTML body, and text body)

list_configuration_sets	Provides a list of the configuration sets associated with your Amazon SES account
list_custom_verification_email_templates	Lists the existing custom verification email templates for your Amazon SES account
list_identities	Returns a list containing all of the identities (email addresses and domains) for your Amazon SES account
list_identity_policies	Returns a list of sending authorization policies that are attached to the specified identity
list_receipt_filters	Lists the IP address filters associated with your Amazon Web Services account
list_receipt_rule_sets	Lists the receipt rule sets that exist under your Amazon Web Services account
list_templates	Lists the email templates present in your Amazon SES account in the specified region
list_verified_email_addresses	Lists the verified email addresses for your Amazon SES account
put_configuration_set_delivery_options	Deprecated
put_identity_policy	Adds or updates the delivery options for a configuration set
reorder_receipt_rule_set	Adds or updates a sending authorization policy for the specified identity
send_bounce	Reorders the receipt rules within a receipt rule set
send_bulk_templated_email	Generates and sends a bounce message to the sender of an email you have received
send_custom_verification_email	Composes an email message to multiple destinations
send_email	Adds an email address to the list of identities for your Amazon SES account
send_raw_email	Composes an email message and immediately queues it for sending
send_templated_email	Composes an email message and immediately queues it for sending
set_active_receipt_rule_set	Composes an email message using an email template and immediately queues it for sending
set_identity_dkim_enabled	Sets the specified receipt rule set as the active receipt rule set
set_identity_feedback_forwarding_enabled	Enables or disables Easy DKIM signing of email sent from an identity
set_identity_headers_in_notifications_enabled	Given an identity (an email address or a domain), enables or disables Easy DKIM signing of email sent from an identity
set_identity_mail_from_domain	Given an identity (an email address or a domain), sets whether Amazon SES uses the MAIL FROM domain for the identity
set_identity_notification_topic	Enables or disables the custom MAIL FROM domain setup for a verified email address
set_receipt_rule_position	Sets an Amazon Simple Notification Service (Amazon SNS) topic to receive bounce notifications for the specified identity
test_render_template	Sets the position of the specified receipt rule in the receipt rule set
update_account_sending_enabled	Creates a preview of the MIME content of an email when provided with an email template
update_configuration_set_event_destination	Enables or disables email sending across your entire Amazon SES account
update_configuration_set_reputation_metrics_enabled	Updates the event destination of a configuration set
update_configuration_set_sending_enabled	Enables or disables the publishing of reputation metrics for emails sent using a specific configuration set
update_configuration_set_tracking_options	Enables or disables email sending for messages sent using a specific configuration set
update_custom_verification_email_template	Modifies an association between a configuration set and a custom domain
update_receipt_rule	Updates an existing custom verification email template
update_template	Updates a receipt rule
verify_domain_dkim	Updates an email template
verify_domain_identity	Returns a set of DKIM tokens for a domain identity
verify_email_address	Adds a domain to the list of identities for your Amazon SES account
verify_email_identity	Deprecated
	Adds an email address to the list of identities for your Amazon SES account

Examples

```
## Not run:
svc <- ses()
# The following example creates a receipt rule set by cloning an existing
# one:
svc$clone_receipt_rule_set(
  OriginalRuleSetName = "RuleSetToClone",
  RuleSetName = "RuleSetToCreate"
```

```
)
## End(Not run)
```

sesv2

Amazon Simple Email Service

Description

Amazon SES API v2

Amazon SES is an Amazon Web Services service that you can use to send email messages to your customers.

If you're new to Amazon SES API v2, you might find it helpful to review the [Amazon Simple Email Service Developer Guide](#). The *Amazon SES Developer Guide* provides information and code samples that demonstrate how to use Amazon SES API v2 features programmatically.

Usage

```
sesv2(config = list(), credentials = list(), endpoint = NULL, region = NULL)
```

Arguments

config Optional configuration of credentials, endpoint, and/or region.

- **credentials:**

- **creds:**

- * **access_key_id:** AWS access key ID
 - * **secret_access_key:** AWS secret access key
 - * **session_token:** AWS temporary session token

- **profile:** The name of a profile to use. If not given, then the default profile is used.

- **anonymous:** Set anonymous credentials.

- **endpoint:** The complete URL to use for the constructed client.

- **region:** The AWS Region used in instantiating the client.

- **close_connection:** Immediately close all HTTP connections.

- **timeout:** The time in seconds till a timeout exception is thrown when attempting to make a connection. The default is 60 seconds.

- **s3_force_path_style:** Set this to true to force the request to use path-style addressing, i.e. `http://s3.amazonaws.com/BUCKET/KEY`.

- **sts_regional_endpoint:** Set sts regional endpoint resolver to regional or legacy <https://docs.aws.amazon.com/sdkref/latest/guide/feature-sts-regionalized-endpoint.html>

credentials Optional credentials shorthand for the config parameter

- **creds:**

- **access_key_id**: AWS access key ID
 - **secret_access_key**: AWS secret access key
 - **session_token**: AWS temporary session token
 - **profile**: The name of a profile to use. If not given, then the default profile is used.
 - **anonymous**: Set anonymous credentials.
- endpoint** Optional shorthand for complete URL to use for the constructed client.
- region** Optional shorthand for AWS Region used in instantiating the client.

Value

A client for the service. You can call the service's operations using syntax like `svc$operation(...)`, where `svc` is the name you've assigned to the client. The available operations are listed in the Operations section.

Service syntax

```
svc <- sesv2(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string",
      anonymous = "logical"
    ),
    endpoint = "string",
    region = "string",
    close_connection = "logical",
    timeout = "numeric",
    s3_force_path_style = "logical",
    sts_regional_endpoint = "string"
  ),
  credentials = list(
    creds = list(
      access_key_id = "string",
      secret_access_key = "string",
      session_token = "string"
    ),
    profile = "string",
    anonymous = "logical"
  ),
  endpoint = "string",
  region = "string"
)
```


Operations

<code>batch_get_metric_data</code>	Retrieves batches of metric data collected based on your sending activity.
<code>cancel_export_job</code>	Cancels an export job.
<code>create_configuration_set</code>	Create a configuration set.
<code>create_configuration_set_event_destination</code>	Create an event destination.
<code>create_contact</code>	Creates a contact, which is an end-user who is receiving the email, and adds it to the contact list.
<code>create_contact_list</code>	Creates a contact list.
<code>create_custom_verification_email_template</code>	Creates a new custom verification email template.
<code>create_dedicated_ip_pool</code>	Create a new pool of dedicated IP addresses.
<code>create_deliverability_test_report</code>	Create a new predictive inbox placement test.
<code>create_email_identity</code>	Starts the process of verifying an email identity.
<code>create_email_identity_policy</code>	Creates the specified sending authorization policy for the given identity (and email template).
<code>create_email_template</code>	Creates an email template.
<code>create_export_job</code>	Creates an export job for a data source and destination.
<code>create_import_job</code>	Creates an import job for a data destination.
<code>create_multi_region_endpoint</code>	Creates a multi-region endpoint (global-endpoint).
<code>delete_configuration_set</code>	Delete an existing configuration set.
<code>delete_configuration_set_event_destination</code>	Delete an event destination.
<code>delete_contact</code>	Removes a contact from a contact list.
<code>delete_contact_list</code>	Deletes a contact list and all of the contacts on that list.
<code>delete_custom_verification_email_template</code>	Deletes an existing custom verification email template.
<code>delete_dedicated_ip_pool</code>	Delete a dedicated IP pool.
<code>delete_email_identity</code>	Deletes an email identity.
<code>delete_email_identity_policy</code>	Deletes the specified sending authorization policy for the given identity (and email template).
<code>delete_email_template</code>	Deletes an email template.
<code>delete_multi_region_endpoint</code>	Deletes a multi-region endpoint (global-endpoint).
<code>delete_suppressed_destination</code>	Removes an email address from the suppression list for your account.
<code>get_account</code>	Obtain information about the email-sending status and capabilities of your 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 pool.
<code>get_configuration_set_event_destinations</code>	Retrieve a list of event destinations that are associated with a configuration set.
<code>get_contact</code>	Returns a contact from a contact list.
<code>get_contact_list</code>	Returns contact list metadata.
<code>get_custom_verification_email_template</code>	Returns the custom email verification template for the template name you specify.
<code>get_dedicated_ip</code>	Get information about a dedicated IP address, including the name of the dedicated IP pool.
<code>get_dedicated_ip_pool</code>	Retrieve information about the dedicated pool.
<code>get_dedicated_ips</code>	List the dedicated IP addresses that are associated with your Amazon Web Services account.
<code>get_deliverability_dashboard_options</code>	Retrieve information about the status of the Deliverability dashboard for your 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.
<code>get_email_identity</code>	Provides information about a specific identity, including the identity's verification status.
<code>get_email_identity_policies</code>	Returns the requested sending authorization policies for the given identity (and email template).
<code>get_email_template</code>	Displays the template object (which includes the subject line, HTML part and text part).
<code>get_export_job</code>	Provides information about an export job.
<code>get_import_job</code>	Provides information about an import job.
<code>get_message_insights</code>	Provides information about a specific message, including the from address, to, subject, and body.

get_multi_region_endpoint	Displays the multi-region endpoint (global-endpoint) configuration
get_suppressed_destination	Retrieves information about a specific email address that's on the suppression list
list_configuration_sets	List all of the configuration sets associated with your account in the current region
list_contact_lists	Lists all of the contact lists available
list_contacts	Lists the contacts present in a specific contact list
list_custom_verification_email_templates	Lists the existing custom verification email templates for your account in the current region
list_dedicated_ip_pools	List all of the dedicated IP pools that exist in your Amazon Web Services account
list_deliverability_test_reports	Show a list of the predictive inbox placement tests that you've performed, results, and recommendations
list_domain_deliverability_campaigns	Retrieve deliverability data for all the campaigns that used a specific domain
list_email_identities	Returns a list of all of the email identities that are associated with your Amazon SES account
list_email_templates	Lists the email templates present in your Amazon SES account in the current region
list_export_jobs	Lists all of the export jobs
list_import_jobs	Lists all of the import jobs
list_multi_region_endpoints	List the multi-region endpoints (global-endpoints)
list_recommendations	Lists the recommendations present in your Amazon SES account in the current region
list_suppressed_destinations	Retrieves a list of email addresses that are on the suppression list for your account
list_tags_for_resource	Retrieve a list of the tags (keys and values) that are associated with a specified resource
put_account_dedicated_ip_warmup_attributes	Enable or disable the automatic warm-up feature for dedicated IP addresses
put_account_details	Update your Amazon SES account details
put_account_sending_attributes	Enable or disable the ability of your account to send email
put_account_suppression_attributes	Change the settings for the account-level suppression list
put_account_vdm_attributes	Update your Amazon SES account VDM attributes
put_configuration_set_archiving_options	Associate the configuration set with a MailManager archive
put_configuration_set_delivery_options	Associate a configuration set with a dedicated IP pool
put_configuration_set_reputation_options	Enable or disable collection of reputation metrics for emails that you send through the configuration set
put_configuration_set_sending_options	Enable or disable email sending for messages that use a particular configuration set
put_configuration_set_suppression_options	Specify the account suppression list preferences for a configuration set
put_configuration_set_tracking_options	Specify a custom domain to use for open and click tracking elements in email
put_configuration_set_vdm_options	Specify VDM preferences for email that you send using the configuration set
put_dedicated_ip_in_pool	Move a dedicated IP address to an existing dedicated IP pool
put_dedicated_ip_pool_scaling_attributes	Used to convert a dedicated IP pool to a different scaling mode
put_dedicated_ip_warmup_attributes	Put dedicated ip warmup attributes
put_deliverability_dashboard_option	Enable or disable the Deliverability dashboard
put_email_identity_configuration_set_attributes	Used to associate a configuration set with an email identity
put_email_identity_dkim_attributes	Used to enable or disable DKIM authentication for an email identity
put_email_identity_dkim_signing_attributes	Used to configure or change the DKIM authentication settings for an email identity
put_email_identity_feedback_attributes	Used to enable or disable feedback forwarding for an identity
put_email_identity_mail_from_attributes	Used to enable or disable the custom Mail-From domain configuration for an identity
put_suppressed_destination	Adds an email address to the suppression list for your account
send_bulk_email	Composes an email message to multiple destinations
send_custom_verification_email	Adds an email address to the list of identities for your Amazon SES account
send_email	Sends an email message
tag_resource	Add one or more tags (keys and values) to a specified resource
test_render_email_template	Creates a preview of the MIME content of an email when provided with a template
untag_resource	Remove one or more tags (keys and values) from a specified resource
update_configuration_set_event_destination	Update the configuration of an event destination for a configuration set
update_contact	Updates a contact's preferences for a list
update_contact_list	Updates contact list metadata

[update_custom_verification_email_template](#)
[update_email_identity_policy](#)
[update_email_template](#)

Updates an existing custom verification email template

Updates the specified sending authorization policy for the given identity (an

Updates an email template

Examples

```
## Not run:  
svc <- sesv2()  
svc$batch_get_metric_data(  
  Foo = 123  
)  
  
## End(Not run)
```

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