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Title 'Amazon Web Services' Customer Engagement Services

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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

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

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'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'

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`connect` *Amazon Connect Service*

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 connect programmatically to an Amazon Web Services service by using an endpoint. 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.

- **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-e 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 <- 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	This API is in preview release for Amazon Connect and is subject to chang
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	This API is in preview release for Amazon Connect and is subject to chang
batch_disassociate_analytics_data_set	This API is in preview release for Amazon Connect and is subject to chang
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 pr
create_agent_status	This API is in preview release for Amazon Connect and is subject to chang
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_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_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_queue	This API is in preview release for Amazon Connect and is subject to chang
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 that
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
create_view	Creates a new view with the possible status of SAVED or PUBLISHED
create_view_version	Publishes a new version of the view identifier
create_vocabulary	Creates a custom vocabulary associated with your Amazon Connect instan
deactivate_evaluation_form	Deactivates an evaluation form in the specified Amazon Connect instance
delete_attached_file	Deletes an attached file along with the underlying S3 Object
delete_contact_evaluation	Deletes a contact evaluation in the specified Amazon Connect instance
delete_contact_flow	Deletes a flow for the specified Amazon Connect instance
delete_contact_flow_module	Deletes the specified flow module
delete_evaluation_form	Deletes an evaluation form in the specified Amazon Connect instance
delete_hours_of_operation	This API is in preview release for Amazon Connect and is subject to chang
delete_instance	This API is in preview release for Amazon Connect and is subject to chang
delete_integration_association	Deletes an Amazon Web Services resource association from an Amazon C
delete_predefined_attribute	Deletes a predefined attribute from the specified Amazon Connect instance
delete_prompt	Deletes a prompt
delete_queue	Deletes a queue
delete_quick_connect	Deletes a quick connect
delete_routing_profile	Deletes a routing profile
delete_rule	Deletes a rule for the specified Amazon Connect instance

delete_security_profile	Deletes a security profile
delete_task_template	Deletes the task template
delete_traffic_distribution_group	Deletes a traffic distribution group
delete_use_case	Deletes a use case from an integration association
delete_user	Deletes a user account from the specified Amazon Connect instance
delete_user_hierarchy_group	Deletes an existing user hierarchy group
delete_view	Deletes the view entirely
delete_view_version	Deletes the particular version specified in ViewVersion identifier
delete_vocabulary	Deletes the vocabulary that has the given identifier
describe_agent_status	This API is in preview release for Amazon Connect and is subject to chang
describe_authentication_profile	This API is in preview release for Amazon Connect and is subject to chang
describe_contact	This API is in preview release for Amazon Connect and is subject to chang
describe_contact_evaluation	Describes a contact evaluation in the specified Amazon Connect instance
describe_contact_flow	Describes the specified flow
describe_contact_flow_module	Describes the specified flow module
describe_evaluation_form	Describes an evaluation form in the specified Amazon Connect instance
describe_hours_of_operation	This API is in preview release for Amazon Connect and is subject to chang
describe_instance	This API is in preview release for Amazon Connect and is subject to chang
describe_instance_attribute	This API is in preview release for Amazon Connect and is subject to chang
describe_instance_storage_config	This API is in preview release for Amazon Connect and is subject to chang
describe_phone_number	Gets details and status of a phone number that's claimed to your Amazon C
describe_predefined_attribute	Describes a predefined attribute for the specified Amazon Connect instanc
describe_prompt	Describes the prompt
describe_queue	This API is in preview release for Amazon Connect and is subject to chang
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 instanc
describe_view	Retrieves the view for the specified Amazon Connect instance and view id
describe_vocabulary	Describes the specified vocabulary
disassociate_analytics_data_set	This API is in preview release for Amazon Connect and is subject to chang
disassociate_approved_origin	This API is in preview release for Amazon Connect and is subject to chang
disassociate_bot	This API is in preview release for Amazon Connect and is subject to chang
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 chang
disassociate_lambda_function	This API is in preview release for Amazon Connect and is subject to chang
disassociate_lex_bot	This API is in preview release for Amazon Connect and is subject to chang
disassociate_phone_number_contact_flow	Removes the flow association from a phone number claimed to your Amaz
disassociate_queue_quick_connects	This API is in preview release for Amazon Connect and is subject to chang
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 chang
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 availal

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 instanc
get_current_user_data	Gets the real-time active user data from the specified Amazon Connect ins
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 Connec
get_traffic_distribution	Retrieves the current traffic distribution for a given traffic distribution grou
import_phone_number	Imports a claimed phone number from an external service, such as Amazo
list_agent_statuses	This API is in preview release for Amazon Connect and is subject to chang
list_analytics_data_associations	This API is in preview release for Amazon Connect and is subject to chang
list_approved_origins	This API is in preview release for Amazon Connect and is subject to chang
list_authentication_profiles	This API is in preview release for Amazon Connect and is subject to chang
list_bots	This API is in preview release for Amazon Connect and is subject to chang
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 Co
list_contact_flows	Provides information about the flows for the specified Amazon Connect in
list_contact_references	This API is in preview release for Amazon Connect and is subject to chang
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 insta
list_flow_associations	List the flow association based on the filters
list_hours_of_operations	Provides information about the hours of operation for the specified Amazo
list_instance_attributes	This API is in preview release for Amazon Connect and is subject to chang
list_instances	This API is in preview release for Amazon Connect and is subject to chang
list_instance_storage_configs	This API is in preview release for Amazon Connect and is subject to chang
list_integration_associations	Provides summary information about the Amazon Web Services resource a
list_lambda_functions	This API is in preview release for Amazon Connect and is subject to chang
list_lex_bots	This API is in preview release for Amazon Connect and is subject to chang
list_phone_numbers	Provides information about the phone numbers for the specified Amazon C
list_phone_numbers_v2	Lists phone numbers claimed to your Amazon Connect instance or traffic d
list_predefined_attributes	Lists predefined attributes for the specified Amazon Connect instance
list_prompts	Provides information about the prompts for the specified Amazon Connect
list_queue_quick_connects	This API is in preview release for Amazon Connect and is subject to chang
list_queues	Provides information about the queues for the specified Amazon Connect i
list_quick_connects	Provides information about the quick connects for the specified Amazon C
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
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 chang
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
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 specifie
list_user_proficiencies	Lists proficiencies associated with a user
list_users	Provides summary information about the users for the specified Amazon C
list_views	Returns views in the given instance
list_view_versions	Returns all the available versions for the specified Amazon Connect instan
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 insta
replicate_instance	Replicates an Amazon Connect instance in the specified Amazon Web Ser
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 u
search_agent_statuses	Searches AgentStatuses in an Amazon Connect instance, with optional filt
search_available_phone_numbers	Searches for available phone numbers that you can claim to your Amazon
search_contact_flow_modules	Searches the flow modules in an Amazon Connect instance, with optional
search_contact_flows	Searches the contact flows in an Amazon Connect instance, with optional f
search_contacts	Searches contacts in an Amazon Connect instance
search_hours_of_operations	Searches the hours of operation in an Amazon Connect instance, with opti
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 fil
search_resource_tags	Searches tags used in an Amazon Connect instance using optional search c
search_routing_profiles	Searches routing profiles in an Amazon Connect instance, with optional fil
search_security_profiles	Searches security profiles in an Amazon Connect instance, with optional fi
search_user_hierarchy_groups	Searches UserHierarchyGroups in an Amazon Connect instance, with opti
search_users	Searches users in an Amazon Connect instance, with optional filtering
search_vocabularies	Searches for vocabularies within a specific Amazon Connect instance usin
send_chat_integration_event	Processes chat integration events from Amazon Web Services or external i
start_attached_file_upload	Provides a pre-signed Amazon S3 URL in response for uploading your cor
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, usin
start_contact_recording	Starts recording the contact:
start_contact_streaming	Initiates real-time message streaming for a new chat contact
start_outbound_voice_contact	Places an outbound call to a contact, and then initiates the flow
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
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
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 an
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 chang
update_authentication_profile	This API is in preview release for Amazon Connect and is subject to chang
update_contact	This API is in preview release for Amazon Connect and is subject to chang
update_contact_attributes	Creates or updates user-defined contact attributes associated with the speci
update_contact_evaluation	Updates details about a contact evaluation in the specified Amazon Connec
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
update_contact_flow_name	The name of the flow
update_contact_routing_data	Updates routing priority and age on the contact (QueuePriority and Queue'
update_contact_schedule	Updates the scheduled time of a task contact that is already scheduled
update_evaluation_form	Updates details about a specific evaluation form version in the specified A
update_hours_of_operation	This API is in preview release for Amazon Connect and is subject to chang
update_instance_attribute	This API is in preview release for Amazon Connect and is subject to chang
update_instance_storage_config	This API is in preview release for Amazon Connect and is subject to chang
update_participant_role_config	Updates timeouts for when human chat participants are to be considered id
update_phone_number	Updates your claimed phone number from its current Amazon Connect ins
update_phone_number_metadata	Updates a phone number's metadata
update_predefined_attribute	Updates a predefined attribute for the specified Amazon Connect instance
update_prompt	Updates a prompt
update_queue_hours_of_operation	This API is in preview release for Amazon Connect and is subject to chang
update_queue_max_contacts	This API is in preview release for Amazon Connect and is subject to chang
update_queue_name	This API is in preview release for Amazon Connect and is subject to chang
update_queue_outbound_caller_config	This API is in preview release for Amazon Connect and is subject to chang
update_queue_status	This API is in preview release for Amazon Connect and is subject to chang
update_quick_connect_config	Updates the configuration settings for the specified quick connect
update_quick_connect_name	Updates the name and description of a quick connect
update_routing_profile_agent_availability_timer	Whether agents with this routing profile will have their routing order calcu
update_routing_profile_concurrency	Updates the channels that agents can handle in the Contact Control Panel (
update_routing_profile_default_outbound_queue	Updates the default outbound queue of a routing profile
update_routing_profile_name	Updates the name and description of a routing profile
update_routing_profile_queues	Updates the properties associated with a set of queues for a routing profile
update_rule	Updates a rule for the specified Amazon Connect instance
update_security_profile	Updates a security profile
update_task_template	Updates details about a specific task template in the specified Amazon Con
update_traffic_distribution	Updates the traffic distribution for a given traffic distribution group
update_user_hierarchy	Assigns the specified hierarchy group to the specified user
update_user_hierarchy_group_name	Updates the name of the user hierarchy group
update_user_hierarchy_structure	Updates the user hierarchy structure: add, remove, and rename user hierarc
update_user_identity_info	Updates the identity information for the specified user
update_user_phone_config	Updates the phone configuration settings for the specified user
update_user_proficiencies	Updates the properties associated with the proficiencies of a user
update_user_routing_profile	Assigns the specified routing profile to the specified user
update_user_security_profiles	Assigns the specified security profiles to the specified user

update_view_content	Updates the view content of the given view identifier in the specified Ama
update_view_metadata	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-e 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 <- 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 i
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 C
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 dials 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)
```

`connectcases` *Amazon Connect Cases*

Description

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.

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

Examples

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

## End(Not run)
```

`connectcontactlens` *Amazon Connect Contact Lens*

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-e` `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 <- 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 *Amazon Connect Participant Service*

Description

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.
  - **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-e 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 <- 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

complete_attachment_upload	Allows you to confirm that the attachment has been uploaded using the pre-signed URL provi
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_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$complete_attachment_upload(
  Foo = 123
)

## End(Not run)
```

`connectwisdomservice` *Amazon Connect Wisdom Service*

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.

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

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-e 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 <- 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

add_profile_key	Associates a new key value with a specific profile, such as a Contact Record Contactl
create_calculated_attribute_definition	Creates a new calculated attribute definition
create_domain	Creates a domain, which is a container for all customer data, such as customer profile
create_event_stream	Creates an event stream, which is a subscription to real-time events, such as when pro
create_integration_workflow	Creates an integration workflow
create_profile	Creates a standard profile
delete_calculated_attribute_definition	Deletes an existing calculated attribute definition
delete_domain	Deletes a specific domain and all of its customer data, such as customer profile attribu
delete_event_stream	Disables and deletes the specified event stream
delete_integration	Removes an integration from a specific domain
delete_profile	Deletes the standard customer profile and all data pertaining to the profile
delete_profile_key	Removes a searchable key from a customer profile
delete_profile_object	Removes an object associated with a profile of a given ProfileObjectType
delete_profile_object_type	Removes a ProfileObjectType from a specific domain as well as removes all the Profi
delete_workflow	Deletes the specified workflow and all its corresponding resources
detect_profile_object_type	The process of detecting profile object type mapping by using given objects
get_auto_merging_preview	Tests the auto-merging settings of your Identity Resolution Job without merging your
get_calculated_attribute_definition	Provides more information on a calculated attribute definition for Customer Profiles
get_calculated_attribute_for_profile	Retrieve a calculated attribute for a customer profile
get_domain	Returns information about a specific domain
get_event_stream	Returns information about the specified event stream in a specific domain
get_identity_resolution_job	Returns information about an Identity Resolution Job in a specific domain
get_integration	Returns an integration for a domain
get_matches	Before calling this API, use CreateDomain or UpdateDomain to enable identity resol
get_profile_object_type	Returns the object types for a specific domain
get_profile_object_type_template	Returns the template information for a specific object type
get_similar_profiles	Returns a set of profiles that belong to the same matching group using the matchId or
get_workflow	Get details of specified workflow
get_workflow_steps	Get granular list of steps in workflow
list_account_integrations	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_identity_resolution_jobs	Lists all of the Identity Resolution Jobs in your domain
list_integrations	Lists all of the integrations in your domain
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_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 An
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 k
tag_resource	Assigns one or more tags (key-value pairs) to the specified Amazon Connect Custom
untag_resource	Removes one or more tags from the specified Amazon Connect Customer Profiles res
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 queu
update_profile	Updates the properties of a profile

Examples

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

## End(Not run)
```

`pinpoint` *Amazon Pinpoint*

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.

- **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-e
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 <- 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 existin
create_email_template	Creates a message template for messages that are sent through the email chann
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 channe
create_journey	Creates a journey for an application
create_push_template	Creates a message template for messages that are sent through a push notificati
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, dimensi
create_sms_template	Creates a message template for messages that are sent through the SMS channe
create_voice_template	Creates a message template for messages that are sent through the voice chann
delete_adm_channel	Disables the ADM channel for an application and deletes any existing settings
delete_apns_channel	Disables the APNs channel for an application and deletes any existing settings
delete_apns_sandbox_channel	Disables the APNs sandbox channel for an application and deletes any existing
delete_apns_voip_channel	Disables the APNs VoIP channel for an application and deletes any existing se
delete_apns_voip_sandbox_channel	Disables the APNs VoIP sandbox channel for an application and deletes any ex
delete_app	Deletes an application
delete_baidu_channel	Disables the Baidu channel for an application and deletes any existing settings
delete_campaign	Deletes a campaign from an application
delete_email_channel	Disables the email channel for an application and deletes any existing settings
delete_email_template	Deletes a message template for messages that were sent through the email char
delete_endpoint	Deletes an endpoint from an application
delete_event_stream	Deletes the event stream for an application
delete_gcm_channel	Disables the GCM channel for an application and deletes any existing settings
delete_in_app_template	Deletes a message template for messages sent using the in-app message channe
delete_journey	Deletes a journey from an application
delete_push_template	Deletes a message template for messages that were sent through a push notifica
delete_recommender_configuration	Deletes an Amazon Pinpoint configuration for a recommender model

delete_segment	Deletes a segment from an application
delete_sms_channel	Disables the SMS channel for an application and deletes any existing settings f
delete_sms_template	Deletes a message template for messages that were sent through the SMS chan
delete_user_endpoints	Deletes all the endpoints that are associated with a specific user ID
delete_voice_channel	Disables the voice channel for an application and deletes any existing settings
delete_voice_template	Deletes a message template for messages that were sent through the voice char
get_adm_channel	Retrieves information about the status and settings of the ADM channel for an
get_apns_channel	Retrieves information about the status and settings of the APNs channel for an
get_apns_sandbox_channel	Retrieves information about the status and settings of the APNs sandbox chann
get_apns_voip_channel	Retrieves information about the status and settings of the APNs VoIP channel f
get_apns_voip_sandbox_channel	Retrieves information about the status and settings of the APNs VoIP sandbox
get_app	Retrieves information about an application
get_application_date_range_kpi	Retrieves (queries) pre-aggregated data for a standard metric that applies to an
get_application_settings	Retrieves information about the settings for an application
get_apps	Retrieves information about all the applications that are associated with your A
get_baidu_channel	Retrieves information about the status and settings of the Baidu channel for an
get_campaign	Retrieves information about the status, configuration, and other settings for a c
get_campaign_activities	Retrieves information about all the activities for a campaign
get_campaign_date_range_kpi	Retrieves (queries) pre-aggregated data for a standard metric that applies to a c
get_campaigns	Retrieves information about the status, configuration, and other settings for all
get_campaign_version	Retrieves information about the status, configuration, and other settings for a sp
get_campaign_versions	Retrieves information about the status, configuration, and other settings for all
get_channels	Retrieves information about the history and status of each channel for an applic
get_email_channel	Retrieves information about the status and settings of the email channel for an
get_email_template	Retrieves the content and settings of a message template for messages that are
get_endpoint	Retrieves information about the settings and attributes of a specific endpoint fo
get_event_stream	Retrieves information about the event stream settings for an application
get_export_job	Retrieves information about the status and settings of a specific export job for a
get_export_jobs	Retrieves information about the status and settings of all the export jobs for an
get_gcm_channel	Retrieves information about the status and settings of the GCM channel for an
get_import_job	Retrieves information about the status and settings of a specific import job for
get_import_jobs	Retrieves information about the status and settings of all the import jobs for an
get_in_app_messages	Retrieves the in-app messages targeted for the provided endpoint ID
get_in_app_template	Retrieves the content and settings of a message template for messages sent thro
get_journey	Retrieves information about the status, configuration, and other settings for a jo
get_journey_date_range_kpi	Retrieves (queries) pre-aggregated data for a standard engagement metric that a
get_journey_execution_activity_metrics	Retrieves (queries) pre-aggregated data for a standard execution metric that app
get_journey_execution_metrics	Retrieves (queries) pre-aggregated data for a standard execution metric that app
get_journey_run_execution_activity_metrics	Retrieves (queries) pre-aggregated data for a standard run execution metric tha
get_journey_run_execution_metrics	Retrieves (queries) pre-aggregated data for a standard run execution metric tha
get_journey_runs	Provides information about the runs of a journey
get_push_template	Retrieves the content and settings of a message template for messages that are
get_recommender_configuration	Retrieves information about an Amazon Pinpoint configuration for a recommen
get_recommender_configurations	Retrieves information about all the recommender model configurations that are
get_segment	Retrieves information about the configuration, dimension, and other settings fo
get_segment_export_jobs	Retrieves information about the status and settings of the export jobs for a segm
get_segment_import_jobs	Retrieves information about the status and settings of the import jobs for a segm
get_segments	Retrieves information about the configuration, dimension, and other settings fo

get_segment_version	Retrieves information about the configuration, dimension, and other settings fo
get_segment_versions	Retrieves information about the configuration, dimension, and other settings fo
get_sms_channel	Retrieves information about the status and settings of the SMS channel for an a
get_sms_template	Retrieves the content and settings of a message template for messages that are
get_user_endpoints	Retrieves information about all the endpoints that are associated with a specific
get_voice_channel	Retrieves information about the status and settings of the voice channel for an a
get_voice_template	Retrieves the content and settings of a message template for messages that are
list_journeys	Retrieves information about the status, configuration, and other settings for all
list_tags_for_resource	Retrieves all the tags (keys and values) that are associated with an application,
list_templates	Retrieves information about all the message templates that are associated with
list_template_versions	Retrieves information about all the versions of a specific message template
phone_number_validate	Retrieves information about a phone number
put_events	Creates a new event to record for endpoints, or creates or updates endpoint data
put_event_stream	Creates a new event stream for an application or updates the settings of an exis
remove_attributes	Removes one or more custom attributes, of the same attribute type, from the ap
send_messages	Creates and sends a direct message
send_otp_message	Send an OTP message
send_users_messages	Creates and sends a message to a list of users
tag_resource	Adds one or more tags (keys and values) to an application, campaign, message
untag_resource	Removes one or more tags (keys and values) from an application, campaign, m
update_adm_channel	Enables the ADM channel for an application or updates the status and settings
update_apns_channel	Enables the APNs channel for an application or updates the status and settings
update_apns_sandbox_channel	Enables the APNs sandbox channel for an application or updates the status and
update_apns_voip_channel	Enables the APNs VoIP channel for an application or updates the status and se
update_apns_voip_sandbox_channel	Enables the APNs VoIP sandbox channel for an application or updates the statu
update_application_settings	Updates the settings for an application
update_baidu_channel	Enables the Baidu channel for an application or updates the status and settings
update_campaign	Updates the configuration and other settings for a campaign
update_email_channel	Enables the email channel for an application or updates the status and settings
update_email_template	Updates an existing message template for messages that are sent through the em
update_endpoint	Creates a new endpoint for an application or updates the settings and attributes
update_endpoints_batch	Creates a new batch of endpoints for an application or updates the settings and
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	Cancels (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 SM
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 o
update_voice_template	Updates an existing message template for messages that are sent through the vo
verify_otp_message	Verify an OTP

Examples

```
## Not run:
svc <- pinpoint()
# The following example gets activity execution metrics for a single run
# of a journey.
svc$get_journey_run_execution_activity_metrics(
  ApplicationId = "11111111112222222222333333333344",
  JourneyId = "aaaaaaaaaabbbbbbbbbbccccccccccdd",
  RunId = "99999999998888888888777777777766",
  JourneyActivityId = "AAAAAAAAAA"
)

## 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-e
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

create_configuration_set	Create a configuration set
create_configuration_set_event_destination	Create an event destination
create_dedicated_ip_pool	Create a new pool of dedicated IP addresses
create_deliverability_test_report	Create a new predictive inbox placement test
create_email_identity	Verifies an email identity for use with Amazon Pinpoint
delete_configuration_set	Delete an existing configuration set
delete_configuration_set_event_destination	Delete an event destination
delete_dedicated_ip_pool	Delete a dedicated IP pool
delete_email_identity	Deletes an email identity that you previously verified for use with Amazon Pi
get_account	Obtain information about the email-sending status and capabilities of your A
get_blacklist_reports	Retrieve a list of the blacklists that your dedicated IP addresses appear on
get_configuration_set	Get information about an existing configuration set, including the dedicated I
get_configuration_set_event_destinations	Retrieve a list of event destinations that are associated with a configuration se

get_dedicated_ip	Get information about a dedicated IP address, including the name of the dedi
get_dedicated_ips	List the dedicated IP addresses that are associated with your Amazon Pinpoin
get_deliverability_dashboard_options	Retrieve information about the status of the Deliverability dashboard for your
get_deliverability_test_report	Retrieve the results of a predictive inbox placement test
get_domain_deliverability_campaign	Retrieve all the deliverability data for a specific campaign
get_domain_statistics_report	Retrieve inbox placement and engagement rates for the domains that you use
get_email_identity	Provides information about a specific identity associated with your Amazon I
list_configuration_sets	List all of the configuration sets associated with your Amazon Pinpoint accou
list_dedicated_ip_pools	List all of the dedicated IP pools that exist in your Amazon Pinpoint account
list_deliverability_test_reports	Show a list of the predictive inbox placement tests that you've performed, reg
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 Amaz
list_tags_for_resource	Retrieve a list of the tags (keys and values) that are associated with a specifie
put_account_dedicated_ip_warmup_attributes	Enable or disable the automatic warm-up feature for dedicated IP addresses
put_account_sending_attributes	Enable or disable the ability of your account to send email
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 usi
put_configuration_set_sending_options	Enable or disable email sending for messages that use a particular configurati
put_configuration_set_tracking_options	Specify a custom domain to use for open and click tracking elements in emai
put_dedicated_ip_in_pool	Move a dedicated IP address to an existing dedicated IP pool
put_dedicated_ip_warmup_attributes	Put dedicated ip warmup attributes
put_deliverability_dashboard_option	Enable or disable the Deliverability dashboard for your Amazon Pinpoint acc
put_email_identity_dkim_attributes	Used to enable or disable DKIM authentication 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
send_email	Sends an email message
tag_resource	Add one or more tags (keys and values) to a specified resource
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

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-e 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 r
list_configuration_sets	List all of the configuration sets associated with your Amazon Pinpoint account
send_voice_message	Create a new voice message and send it to a recipient's phone number
update_configuration_set_event_destination	Update an event destination in a configuration set

Examples

```
## 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-e
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 <- 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

associate_origination_identity	Associates the specified origination identity with a pool
associate_protect_configuration	Associate a protect configuration with a configuration set
create_configuration_set	Creates a new configuration set
create_event_destination	Creates a new event destination in a configuration set
create_opt_out_list	Creates a new opt-out list
create_pool	Creates a new pool and associates the specified origination identity to the po
create_protect_configuration	Create a new protect configuration
create_registration	Creates a new registration based on the RegistrationType field
create_registration_association	Associate the registration with an origination identity such as a phone numb
create_registration_attachment	Create a new registration attachment to use for uploading a file or a URL to
create_registration_version	Create a new version of the registration and increase the VersionNumber
create_verified_destination_number	You can only send messages to verified destination numbers when your acco
delete_account_default_protect_configuration	Removes the current account default protect configuration

delete_configuration_set	Deletes an existing configuration set
delete_default_message_type	Deletes an existing default message type on a configuration set
delete_default_sender_id	Deletes an existing default sender ID on a configuration set
delete_event_destination	Deletes an existing event destination
delete_keyword	Deletes an existing keyword from an origination phone number or pool
delete_media_message_spend_limit_override	Deletes an account-level monthly spending limit override for sending multi
delete_opted_out_number	Deletes an existing opted out destination phone number from the specified c
delete_opt_out_list	Deletes an existing opt-out list
delete_pool	Deletes an existing pool
delete_protect_configuration	Permanently delete the protect configuration
delete_registration	Permanently delete an existing registration from your account
delete_registration_attachment	Permanently delete the specified registration attachment
delete_registration_field_value	Delete the value in a registration form field
delete_text_message_spend_limit_override	Deletes an account-level monthly spending limit override for sending text m
delete_verified_destination_number	Delete a verified destination phone number
delete_voice_message_spend_limit_override	Deletes an account level monthly spend limit override for sending voice mes
describe_account_attributes	Describes attributes of your Amazon Web Services account
describe_account_limits	Describes the current AWS End User Messaging SMS and Voice SMS Voic
describe_configuration_sets	Describes the specified configuration sets or all in your account
describe_keywords	Describes the specified keywords or all keywords on your origination phone
describe_opted_out_numbers	Describes the specified opted out destination numbers or all opted out destin
describe_opt_out_lists	Describes the specified opt-out list or all opt-out lists in your account
describe_phone_numbers	Describes the specified origination phone number, or all the phone numbers
describe_pools	Retrieves the specified pools or all pools associated with your Amazon Web
describe_protect_configurations	Retrieves the protect configurations that match any of filters
describe_registration_attachments	Retrieves the specified registration attachments or all registration attachmen
describe_registration_field_definitions	Retrieves the specified registration type field definitions
describe_registration_field_values	Retrieves the specified registration field values
describe_registrations	Retrieves the specified registrations
describe_registration_section_definitions	Retrieves the specified registration section definitions
describe_registration_type_definitions	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 Am
describe_spend_limits	Describes the current monthly spend limits for sending voice and text messa
describe_verified_destination_numbers	Retrieves the specified verified destiona 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 pro
list_pool_origination_identities	Lists all associated origination identities in your pool
list_registration_associations	Retreive all of the origination identies that are associated with a registration
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_opted_out_number	Creates an opted out destination phone number in the opt-out list
put_registration_field_value	Creates or updates a field value for a registration
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 y
send_media_message	Creates a new multimedia message (MMS) and sends it to a recipient's phor
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_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 MMS messa
set_text_message_spend_limit_override	Sets an account level monthly spend limit override for sending text message
set_voice_message_spend_limit_override	Sets an account level monthly spend limit override for sending voice messag
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 the
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 phone

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.
- **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-e
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 <- 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	Creates a receipt rule set by cloning an existing one
create_configuration_set	Creates a configuration set
create_configuration_set_event_destination	Creates a configuration set event destination
create_configuration_set_tracking_options	Creates an association between a configuration set and a custom dom
create_custom_verification_email_template	Creates a new custom verification email template
create_receipt_filter	Creates a new IP address filter
create_receipt_rule	Creates a receipt rule
create_receipt_rule_set	Creates an empty receipt rule set
create_template	Creates an email template
delete_configuration_set	Deletes a configuration set
delete_configuration_set_event_destination	Deletes a configuration set event destination
delete_configuration_set_tracking_options	Deletes an association between a configuration set and a custom dom
delete_custom_verification_email_template	Deletes an existing custom verification email template

delete_identity	Deletes the specified identity (an email address or a domain) from the
delete_identity_policy	Deletes the specified sending authorization policy for the given identi
delete_receipt_filter	Deletes the specified IP address filter
delete_receipt_rule	Deletes the specified receipt rule
delete_receipt_rule_set	Deletes the specified receipt rule set and all of the receipt rules it con
delete_template	Deletes an email template
delete_verified_email_address	Deprecated
describe_active_receipt_rule_set	Returns the metadata and receipt rules for the receipt rule set that is c
describe_configuration_set	Returns the details of the specified configuration set
describe_receipt_rule	Returns the details of the specified receipt rule
describe_receipt_rule_set	Returns the details of the specified receipt rule set
get_account_sending_enabled	Returns the email sending status of the Amazon SES account for the
get_custom_verification_email_template	Returns the custom email verification template for the template name
get_identity_dkim_attributes	Returns the current status of Easy DKIM signing for an entity
get_identity_mail_from_domain_attributes	Returns the custom MAIL FROM attributes for a list of identities (en
get_identity_notification_attributes	Given a list of verified identities (email addresses and/or domains), re
get_identity_policies	Returns the requested sending authorization policies for the given ide
get_identity_verification_attributes	Given a list of identities (email addresses and/or domains), returns th
get_send_quota	Provides the sending limits for the Amazon SES account
get_send_statistics	Provides sending statistics for the current Amazon Web Services Reg
get_template	Displays the template object (which includes the Subject line, HTML
list_configuration_sets	Provides a list of the configuration sets associated with your Amazon
list_custom_verification_email_templates	Lists the existing custom verification email templates for your accou
list_identities	Returns a list containing all of the identities (email addresses and dor
list_identity_policies	Returns a list of sending authorization policies that are attached to th
list_receipt_filters	Lists the IP address filters associated with your Amazon Web Service
list_receipt_rule_sets	Lists the receipt rule sets that exist under your Amazon Web Services
list_templates	Lists the email templates present in your Amazon SES account in the
list_verified_email_addresses	Deprecated
put_configuration_set_delivery_options	Adds or updates the delivery options for a configuration set
put_identity_policy	Adds or updates a sending authorization policy for the specified ident
reorder_receipt_rule_set	Reorders the receipt rules within a receipt rule set
send_bounce	Generates and sends a bounce message to the sender of an email you
send_bulk_templated_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 a
send_email	Composes an email message and immediately queues it for sending
send_raw_email	Composes an email message and immediately queues it for sending
send_templated_email	Composes an email message using an email template and immediatel
set_active_receipt_rule_set	Sets the specified receipt rule set as the active receipt rule set
set_identity_dkim_enabled	Enables or disables Easy DKIM signing of email sent from an identit
set_identity_feedback_forwarding_enabled	Given an identity (an email address or a domain), enables or disables
set_identity_headers_in_notifications_enabled	Given an identity (an email address or a domain), sets whether Amaz
set_identity_mail_from_domain	Enables or disables the custom MAIL FROM domain setup for a veri
set_identity_notification_topic	Sets an Amazon Simple Notification Service (Amazon SNS) topic to
set_receipt_rule_position	Sets the position of the specified receipt rule in the receipt rule set
test_render_template	Creates a preview of the MIME content of an email when provided w
update_account_sending_enabled	Enables or disables email sending across your entire Amazon SES ac
update_configuration_set_event_destination	Updates the event destination of a configuration set

update_configuration_set_reputation_metrics_enabled	Enables or disables the publishing of reputation metrics for emails se
update_configuration_set_sending_enabled	Enables or disables email sending for messages sent using a specific
update_configuration_set_tracking_options	Modifies an association between a configuration set and a custom do
update_custom_verification_email_template	Updates an existing custom verification email template
update_receipt_rule	Updates a receipt rule
update_template	Updates an email template
verify_domain_dkim	Returns a set of DKIM tokens for a domain identity
verify_domain_identity	Adds a domain to the list of identities for your Amazon SES account
verify_email_address	Deprecated
verify_email_identity	Adds an email address to the list of identities for your Amazon SES a

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-e 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

batch_get_metric_data	Retrieves batches of metric data collected based on your sending activity
cancel_export_job	Cancels an export job
create_configuration_set	Create a configuration set
create_configuration_set_event_destination	Create an event destination
create_contact	Creates a contact, which is an end-user who is receiving the email, and adds
create_contact_list	Creates a contact list
create_custom_verification_email_template	Creates a new custom verification email template
create_dedicated_ip_pool	Create a new pool of dedicated IP addresses
create_deliverability_test_report	Create a new predictive inbox placement test
create_email_identity	Starts the process of verifying an email identity
create_email_identity_policy	Creates the specified sending authorization policy for the given identity (an
create_email_template	Creates an email template
create_export_job	Creates an export job for a data source and destination
create_import_job	Creates an import job for a data destination
delete_configuration_set	Delete an existing configuration set
delete_configuration_set_event_destination	Delete an event destination
delete_contact	Removes a contact from a contact list
delete_contact_list	Deletes a contact list and all of the contacts on that list
delete_custom_verification_email_template	Deletes an existing custom verification email template
delete_dedicated_ip_pool	Delete a dedicated IP pool

delete_email_identity	Deletes an email identity
delete_email_identity_policy	Deletes the specified sending authorization policy for the given identity (an
delete_email_template	Deletes an email template
delete_suppressed_destination	Removes an email address from the suppression list for your account
get_account	Obtain information about the email-sending status and capabilities of your
get_blacklist_reports	Retrieve a list of the blacklists that your dedicated IP addresses appear on
get_configuration_set	Get information about an existing configuration set, including the dedicated
get_configuration_set_event_destinations	Retrieve a list of event destinations that are associated with a configuration
get_contact	Returns a contact from a contact list
get_contact_list	Returns contact list metadata
get_custom_verification_email_template	Returns the custom email verification template for the template name you s
get_dedicated_ip	Get information about a dedicated IP address, including the name of the de
get_dedicated_ip_pool	Retrieve information about the dedicated pool
get_dedicated_ips	List the dedicated IP addresses that are associated with your Amazon Web
get_deliverability_dashboard_options	Retrieve information about the status of the Deliverability dashboard for yo
get_deliverability_test_report	Retrieve the results of a predictive inbox placement test
get_domain_deliverability_campaign	Retrieve all the deliverability data for a specific campaign
get_domain_statistics_report	Retrieve inbox placement and engagement rates for the domains that you us
get_email_identity	Provides information about a specific identity, including the identity's verifi
get_email_identity_policies	Returns the requested sending authorization policies for the given identity (
get_email_template	Displays the template object (which includes the subject line, HTML part a
get_export_job	Provides information about an export job
get_import_job	Provides information about an import job
get_message_insights	Provides information about a specific message, including the from address,
get_suppressed_destination	Retrieves information about a specific email address that's on the suppressi
list_configuration_sets	List all of the configuration sets associated with your account in the current
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 th
list_dedicated_ip_pools	List all of the dedicated IP pools that exist in your Amazon Web Services a
list_deliverability_test_reports	Show a list of the predictive inbox placement tests that you've performed, r
list_domain_deliverability_campaigns	Retrieve deliverability data for all the campaigns that used a specific domai
list_email_identities	Returns a list of all of the email identities that are associated with your Ama
list_email_templates	Lists the email templates present in your Amazon SES account in the curre
list_export_jobs	Lists all of the export jobs
list_import_jobs	Lists all of the import jobs
list_recommendations	Lists the recommendations present in your Amazon SES account in the cur
list_suppressed_destinations	Retrieves a list of email addresses that are on the suppression list for your a
list_tags_for_resource	Retrieve a list of the tags (keys and values) that are associated with a specifi
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_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 u
put_configuration_set_sending_options	Enable or disable email sending for messages that use a particular configura
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 em
put_configuration_set_vdm_options	Specify VDM preferences for email that you send using the configuration s
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
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 a
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 accoun
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 t
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	Updates an existing custom verification email template
update_email_identity_policy	Updates the specified sending authorization policy for the given identity (ar
update_email_template	Updates an email template

Examples

```
## Not run:
svc <- sesv2()
# Cancels the export job with ID ef28cf62-9d8e-4b60-9283-b09816c99a99
svc$cancel_export_job(
  JobId = "ef28cf62-9d8e-4b60-9283-b09816c99a99"
)

## End(Not run)
```

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