

# Package ‘paws.customer.engagement’

March 11, 2021

**Title** Amazon Web Services Customer Engagement Services

**Version** 0.1.11

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

**License** Apache License (>= 2.0)

**URL** <https://github.com/paws-r/paws>

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'connect\_operations.R' 'pinpoint\_service.R'  
'pinpoint\_interfaces.R' 'pinpoint\_operations.R'  
'pinpointemail\_service.R' 'pinpointemail\_interfaces.R'  
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|         |                               |
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| connect | <i>Amazon Connect Service</i> |
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### Description

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

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

There are limits to the number of Amazon Connect resources that you can create and 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*.

To connect programmatically to an AWS service, you use an endpoint. For a list of Amazon Connect endpoints, see [Amazon Connect Endpoints](#).

Working with contact flows? Check out the [Amazon Connect Flow language](#).

### Usage

```
connect(config = list())
```

### Arguments

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

### Service syntax

```
svc <- connect(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
  )
```

```

        endpoint = "string",
        region = "string"
    )
)

```

## Operations

|  |  |
|--|--|
| <a href="#">associate_approved_origin</a>            | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">associate_instance_storage_config</a>    | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">associate_lambda_function</a>            | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">associate_lex_bot</a>                    | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">associate_routing_profile_queues</a>     | Associates a set of queues with a routing profile                          |
| <a href="#">associate_security_key</a>               | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">create_contact_flow</a>                  | Creates a contact flow for the specified Amazon Connect instance           |
| <a href="#">create_instance</a>                      | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">create_integration_association</a>       | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">create_quick_connect</a>                 | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">create_routing_profile</a>               | Creates a new routing profile  |
| <a href="#">create_use_case</a>                      | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">create_user</a>                          | Creates a user account for the specified Amazon Connect instance           |
| <a href="#">create_user_hierarchy_group</a>          | Creates a new user hierarchy group   |
| <a href="#">delete_instance</a>                      | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">delete_integration_association</a>       | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">delete_quick_connect</a>                 | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">delete_use_case</a>                      | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">delete_user</a>                          | Deletes a user account from the specified Amazon Connect instance          |
| <a href="#">delete_user_hierarchy_group</a>          | Deletes an existing user hierarchy group                                   |
| <a href="#">describe_contact_flow</a>                | Describes the specified contact flow                                       |
| <a href="#">describe_instance</a>                    | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">describe_instance_attribute</a>          | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">describe_instance_storage_config</a>     | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">describe_quick_connect</a>               | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">describe_routing_profile</a>             | Describes the specified routing profile                                    |
| <a href="#">describe_user</a>                        | Describes the specified user account                                       |
| <a href="#">describe_user_hierarchy_group</a>        | Describes the specified hierarchy group                                    |
| <a href="#">describe_user_hierarchy_structure</a>    | Describes the hierarchy structure of the specified Amazon Connect instance |
| <a href="#">disassociate_approved_origin</a>         | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">disassociate_instance_storage_config</a> | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">disassociate_lambda_function</a>         | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">disassociate_lex_bot</a>                 | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">disassociate_routing_profile_queues</a>  | Disassociates a set of queues from a routing profile                       |
| <a href="#">disassociate_security_key</a>            | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">get_contact_attributes</a>               | Retrieves the contact attributes for the specified contact                 |
| <a href="#">get_current_metric_data</a>              | Gets the real-time metric data from the specified Amazon Connect instance  |
| <a href="#">get_federation_token</a>                 | Retrieves a token for federation   |
| <a href="#">get_metric_data</a>                      | Gets historical metric data from the specified Amazon Connect instance     |
| <a href="#">list_approved_origins</a>                | This API is in preview release for Amazon Connect and is subject to change |
| <a href="#">list_contact_flows</a>                   | Provides information about the contact flows for the specified Amazon Co   |

|   |   |
|---|---|
| <a href="#">list_hours_of_operations</a>                      | Provides information about the hours of operation for the specified Amazon Connect instance                 |
| <a href="#">list_instance_attributes</a>                      | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_instances</a>                                | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_instance_storage_configs</a>                 | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_integration_associations</a>                 | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_lambda_functions</a>                         | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_lex_bots</a>                                 | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_phone_numbers</a>                            | Provides information about the phone numbers for the specified Amazon Connect instance                      |
| <a href="#">list_prompts</a>                                  | Provides information about the prompts for the specified Amazon Connect instance                            |
| <a href="#">list_queues</a>                                   | Provides information about the queues for the specified Amazon Connect instance                             |
| <a href="#">list_quick_connects</a>                           | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_routing_profile_queues</a>                   | List the queues associated with a routing profile   |
| <a href="#">list_routing_profiles</a>                         | Provides summary information about the routing profiles for the specified Amazon Connect instance           |
| <a href="#">list_security_keys</a>                            | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_security_profiles</a>                        | Provides summary information about the security profiles for the specified Amazon Connect instance          |
| <a href="#">list_tags_for_resource</a>                        | Lists the tags for the specified resource   |
| <a href="#">list_use_cases</a>                                | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">list_user_hierarchy_groups</a>                    | Provides summary information about the hierarchy groups for the specified Amazon Connect instance           |
| <a href="#">list_users</a>                                    | Provides summary information about the users for the specified Amazon Connect instance                      |
| <a href="#">resume_contact_recording</a>                      | When a contact is being recorded, and the recording has been suspended, this API resumes recording the call |
| <a href="#">start_chat_contact</a>                            | Initiates a contact flow to start a new chat for the customer   |
| <a href="#">start_contact_recording</a>                       | This API starts recording the contact when the agent joins the call   |
| <a href="#">start_outbound_voice_contact</a>                  | This API places an outbound call to a contact, and then initiates the contact flow                          |
| <a href="#">start_task_contact</a>                            | Initiates a contact flow to start a new task  |
| <a href="#">stop_contact</a>                                  | Ends the specified contact  |
| <a href="#">stop_contact_recording</a>                        | When a contact is being recorded, this API stops recording the call   |
| <a href="#">suspend_contact_recording</a>                     | When a contact is being recorded, this API suspends recording the call                                      |
| <a href="#">tag_resource</a>                                  | Adds the specified tags to the specified resource   |
| <a href="#">untag_resource</a>                                | Removes the specified tags from the specified resource  |
| <a href="#">update_contact_attributes</a>                     | Creates or updates the contact attributes associated with the specified contact                             |
| <a href="#">update_contact_flow_content</a>                   | Updates the specified contact flow  |
| <a href="#">update_contact_flow_name</a>                      | The name of the contact flow  |
| <a href="#">update_instance_attribute</a>                     | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">update_instance_storage_config</a>                | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">update_quick_connect_config</a>                   | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">update_quick_connect_name</a>                     | This API is in preview release for Amazon Connect and is subject to change without notice                   |
| <a href="#">update_routing_profile_concurrency</a>            | Updates the channels that agents can handle in the Contact Control Panel (CCP)                              |
| <a href="#">update_routing_profile_default_outbound_queue</a> | Updates the default outbound queue of a routing profile   |
| <a href="#">update_routing_profile_name</a>                   | Updates the name and description of a routing profile   |
| <a href="#">update_routing_profile_queues</a>                 | Updates the properties associated with a set of queues for a routing profile                                |
| <a href="#">update_user_hierarchy</a>                         | Assigns the specified hierarchy group to the specified user   |
| <a href="#">update_user_hierarchy_group_name</a>              | Updates the name of the user hierarchy group  |
| <a href="#">update_user_hierarchy_structure</a>               | Updates the user hierarchy structure: add, remove, and rename user hierarchy groups                         |
| <a href="#">update_user_identity_info</a>                     | Updates the identity information for the specified user   |
| <a href="#">update_user_phone_config</a>                      | Updates the phone configuration settings for the specified user   |
| <a href="#">update_user_routing_profile</a>                   | Assigns the specified routing profile to the specified user   |
| <a href="#">update_user_security_profiles</a>                 | Assigns the specified security profiles to the specified user   |

**Examples**

```
## Not run:
svc <- connect()
svc$associate_approved_origin(
  Foo = 123
)

## End(Not run)
```

---

|          |                        |
|----------|------------------------|
| pinpoint | <i>Amazon Pinpoint</i> |
|----------|------------------------|

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**Description**

Doc Engage API - Amazon Pinpoint API

**Usage**

```
pinpoint(config = list())
```

**Arguments**

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

**Service syntax**

```
svc <- pinpoint(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

**Operations**

|   |   |
|---|---|
| <code>create_app</code>                       | Creates an application  |
| <code>create_campaign</code>                  | Creates a new campaign for an application or updates the settings of an existing campaign                         |
| <code>create_email_template</code>            | Creates a message template for messages that are sent through the email channel                                   |
| <code>create_export_job</code>                | Creates an export job for an application  |
| <code>create_import_job</code>                | Creates an import job for an application  |
| <code>create_journey</code>                   | Creates a journey for an application  |
| <code>create_push_template</code>             | Creates a message template for messages that are sent through a push notification channel                         |
| <code>create_recommender_configuration</code> | Creates an Amazon Pinpoint configuration for a recommender model  |
| <code>create_segment</code>                   | Creates a new segment for an application or updates the configuration, dimension, and name of an existing segment |
| <code>create_sms_template</code>              | Creates a message template for messages that are sent through the SMS channel                                     |
| <code>create_voice_template</code>            | Creates a message template for messages that are sent through the voice channel                                   |
| <code>delete_adm_channel</code>               | Disables the ADM channel for an application and deletes any existing settings for the channel                     |
| <code>delete_apns_channel</code>              | Disables the APNs channel for an application and deletes any existing settings for the channel                    |
| <code>delete_apns_sandbox_channel</code>      | Disables the APNs sandbox channel for an application and deletes any existing settings for the channel            |
| <code>delete_apns_voip_channel</code>         | Disables the APNs VoIP channel for an application and deletes any existing settings for the channel               |
| <code>delete_apns_voip_sandbox_channel</code> | Disables the APNs VoIP sandbox channel for an application and deletes any existing settings for the channel       |
| <code>delete_app</code>                       | Deletes an application  |
| <code>delete_baidu_channel</code>             | Disables the Baidu channel for an application and deletes any existing settings for the channel                   |
| <code>delete_campaign</code>                  | Deletes a campaign from an application  |
| <code>delete_email_channel</code>             | Disables the email channel for an application and deletes any existing settings for the channel                   |
| <code>delete_email_template</code>            | Deletes a message template for messages that were sent through the email channel                                  |
| <code>delete_endpoint</code>                  | Deletes an endpoint from an application   |
| <code>delete_event_stream</code>              | Deletes the event stream for an application   |
| <code>delete_gcm_channel</code>               | Disables the GCM channel for an application and deletes any existing settings for the channel                     |
| <code>delete_journey</code>                   | Deletes a journey from an application   |
| <code>delete_push_template</code>             | Deletes a message template for messages that were sent through a push notification channel                        |
| <code>delete_recommender_configuration</code> | Deletes an Amazon Pinpoint configuration for a recommender model  |
| <code>delete_segment</code>                   | Deletes a segment from an application   |
| <code>delete_sms_channel</code>               | Disables the SMS channel for an application and deletes any existing settings for the channel                     |
| <code>delete_sms_template</code>              | Deletes a message template for messages that were sent through the SMS channel                                    |
| <code>delete_user_endpoints</code>            | Deletes all the endpoints that are associated with a specific user ID   |
| <code>delete_voice_channel</code>             | Disables the voice channel for an application and deletes any existing settings for the channel                   |
| <code>delete_voice_template</code>            | Deletes a message template for messages that were sent through the voice channel                                  |
| <code>get_adm_channel</code>                  | Retrieves information about the status and settings of the ADM channel for an application                         |
| <code>get_apns_channel</code>                 | Retrieves information about the status and settings of the APNs channel for an application                        |
| <code>get_apns_sandbox_channel</code>         | Retrieves information about the status and settings of the APNs sandbox channel for an application                |
| <code>get_apns_voip_channel</code>            | Retrieves information about the status and settings of the APNs VoIP channel for an application                   |
| <code>get_apns_voip_sandbox_channel</code>    | Retrieves information about the status and settings of the APNs VoIP sandbox channel for an application           |
| <code>get_app</code>                          | Retrieves information about an application  |
| <code>get_application_date_range_kpi</code>   | Retrieves (queries) pre-aggregated data for a standard metric that applies to an application                      |
| <code>get_application_settings</code>         | Retrieves information about the settings for an application   |
| <code>get_apps</code>                         | Retrieves information about all the applications that are associated with your Amazon Pinpoint account            |
| <code>get_baidu_channel</code>                | Retrieves information about the status and settings of the Baidu channel for an application                       |
| <code>get_campaign</code>                     | Retrieves information about the status, configuration, and other settings for a campaign                          |
| <code>get_campaign_activities</code>          | Retrieves information about all the activities for a campaign   |
| <code>get_campaign_date_range_kpi</code>      | Retrieves (queries) pre-aggregated data for a standard metric that applies to a campaign                          |

|  |   |
|--|---|
| <a href="#">get_campaigns</a>                          | Retrieves information about the status, configuration, and other settings for all the c |
| <a href="#">get_campaign_version</a>                   | Retrieves information about the status, configuration, and other settings for a specif  |
| <a href="#">get_campaign_versions</a>                  | Retrieves information about the status, configuration, and other settings for all versi |
| <a href="#">get_channels</a>                           | Retrieves information about the history and status of each channel for an applicati     |
| <a href="#">get_email_channel</a>                      | Retrieves information about the status and settings of the email channel for an appl    |
| <a href="#">get_email_template</a>                     | Retrieves the content and settings of a message template for messages that are sent     |
| <a href="#">get_endpoint</a>                           | Retrieves information about the settings and attributes of a specific endpoint for an   |
| <a href="#">get_event_stream</a>                       | Retrieves information about the event stream settings for an application                |
| <a href="#">get_export_job</a>                         | Retrieves information about the status and settings of a specific export job for an ap  |
| <a href="#">get_export_jobs</a>                        | Retrieves information about the status and settings of all the export jobs for an appl  |
| <a href="#">get_gcm_channel</a>                        | Retrieves information about the status and settings of the GCM channel for an appl      |
| <a href="#">get_import_job</a>                         | Retrieves information about the status and settings of a specific import job for an ap  |
| <a href="#">get_import_jobs</a>                        | Retrieves information about the status and settings of all the import jobs for an appl  |
| <a href="#">get_journey</a>                            | Retrieves information about the status, configuration, and other settings for a journe  |
| <a href="#">get_journey_date_range_kpi</a>             | Retrieves (queries) pre-aggregated data for a standard engagement metric that appli     |
| <a href="#">get_journey_execution_activity_metrics</a> | Retrieves (queries) pre-aggregated data for a standard execution metric that applie     |
| <a href="#">get_journey_execution_metrics</a>          | Retrieves (queries) pre-aggregated data for a standard execution metric that applie     |
| <a href="#">get_push_template</a>                      | Retrieves the content and settings of a message template for messages that are sent     |
| <a href="#">get_recommender_configuration</a>          | Retrieves information about an Amazon Pinpoint configuration for a recommender          |
| <a href="#">get_recommender_configurations</a>         | Retrieves information about all the recommender model configurations that are asso      |
| <a href="#">get_segment</a>                            | Retrieves information about the configuration, dimension, and other settings for a s    |
| <a href="#">get_segment_export_jobs</a>                | Retrieves information about the status and settings of the export jobs for a segment    |
| <a href="#">get_segment_import_jobs</a>                | Retrieves information about the status and settings of the import jobs for a segment    |
| <a href="#">get_segments</a>                           | Retrieves information about the configuration, dimension, and other settings for all    |
| <a href="#">get_segment_version</a>                    | Retrieves information about the configuration, dimension, and other settings for a s    |
| <a href="#">get_segment_versions</a>                   | Retrieves information about the configuration, dimension, and other settings for all    |
| <a href="#">get_sms_channel</a>                        | Retrieves information about the status and settings of the SMS channel for an appli     |
| <a href="#">get_sms_template</a>                       | Retrieves the content and settings of a message template for messages that are sent     |
| <a href="#">get_user_endpoints</a>                     | Retrieves information about all the endpoints that are associated with a specific use   |
| <a href="#">get_voice_channel</a>                      | Retrieves information about the status and settings of the voice channel for an appli   |
| <a href="#">get_voice_template</a>                     | Retrieves the content and settings of a message template for messages that are sent     |
| <a href="#">list_journeys</a>                          | Retrieves information about the status, configuration, and other settings for all the j |
| <a href="#">list_tags_for_resource</a>                 | Retrieves all the tags (keys and values) that are associated with an application, camp  |
| <a href="#">list_templates</a>                         | Retrieves information about all the message templates that are associated with your     |
| <a href="#">list_template_versions</a>                 | Retrieves information about all the versions of a specific message template             |
| <a href="#">phone_number_validate</a>                  | Retrieves information about a phone number  |
| <a href="#">put_events</a>                             | Creates a new event to record for endpoints, or creates or updates endpoint data tha    |
| <a href="#">put_event_stream</a>                       | Creates a new event stream for an application or updates the settings of an existing    |
| <a href="#">remove_attributes</a>                      | Removes one or more attributes, of the same attribute type, from all the endpoints t    |
| <a href="#">send_messages</a>                          | Creates and sends a direct message  |
| <a href="#">send_users_messages</a>                    | Creates and sends a message to a list of users  |
| <a href="#">tag_resource</a>                           | Adds one or more tags (keys and values) to an application, campaign, message tem        |
| <a href="#">untag_resource</a>                         | Removes one or more tags (keys and values) from an application, campaign, messa         |
| <a href="#">update_adm_channel</a>                     | Enables the ADM channel for an application or updates the status and settings of th     |
| <a href="#">update_apns_channel</a>                    | Enables the APNs channel for an application or updates the status and settings of th    |
| <a href="#">update_apns_sandbox_channel</a>            | Enables the APNs sandbox channel for an application or updates the status and sett      |
| <a href="#">update_apns_voip_channel</a>               | Enables the APNs VoIP channel for an application or updates the status and setting      |
| <a href="#">update_apns_voip_sandbox_channel</a>       | Enables the APNs VoIP sandbox channel for an application or updates the status an       |

|  |   |
|--|---|
| <a href="#">update_application_settings</a>      | Updates the settings for an application   |
| <a href="#">update_baidu_channel</a>             | Enables the Baidu channel for an application or updates the status and settings of the channel                    |
| <a href="#">update_campaign</a>                  | Updates the configuration and other settings for a campaign   |
| <a href="#">update_email_channel</a>             | Enables the email channel for an application or updates the status and settings of the channel                    |
| <a href="#">update_email_template</a>            | Updates an existing message template for messages that are sent through the email channel                         |
| <a href="#">update_endpoint</a>                  | Creates a new endpoint for an application or updates the settings and attributes of an endpoint                   |
| <a href="#">update_endpoints_batch</a>           | Creates a new batch of endpoints for an application or updates the settings and attributes of a batch             |
| <a href="#">update_gcm_channel</a>               | Enables the GCM channel for an application or updates the status and settings of the channel                      |
| <a href="#">update_journey</a>                   | Updates the configuration and other settings for a journey  |
| <a href="#">update_journey_state</a>             | Cancel (stops) an active journey  |
| <a href="#">update_push_template</a>             | Updates an existing message template for messages that are sent through a push notification channel               |
| <a href="#">update_recommender_configuration</a> | Updates an Amazon Pinpoint configuration for a recommender model  |
| <a href="#">update_segment</a>                   | Creates a new segment for an application or updates the configuration, dimension, and other settings of a segment |
| <a href="#">update_sms_channel</a>               | Enables the SMS channel for an application or updates the status and settings of the channel                      |
| <a href="#">update_sms_template</a>              | Updates an existing message template for messages that are sent through the SMS channel                           |
| <a href="#">update_template_active_version</a>   | Changes the status of a specific version of a message template to active  |
| <a href="#">update_voice_channel</a>             | Enables the voice channel for an application or updates the status and settings of the channel                    |
| <a href="#">update_voice_template</a>            | Updates an existing message template for messages that are sent through the voice channel                         |

## Examples

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

## End(Not run)
```

---

pinpointemail

*Amazon Pinpoint Email Service*

---

## Description

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

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

If you're new to Amazon Pinpoint, you might find it helpful to also review the **Amazon Pinpoint Developer Guide**. The *Amazon Pinpoint Developer Guide* provides tutorials, code samples, and



procedures that demonstrate how to use Amazon Pinpoint features programmatically and how to integrate Amazon Pinpoint functionality into mobile apps and other types of applications. The guide also provides information about key topics such as Amazon Pinpoint integration with other AWS services and the limits that apply to using the service.

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

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

## Usage

```
pinpointemail(config = list())
```

## Arguments

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

## Service syntax

```
svc <- pinpointemail(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

## Operations

|  |   |
|--|---|
| <a href="#">create_configuration_set</a>                   | Create a configuration set                              |
| <a href="#">create_configuration_set_event_destination</a> | Create an event destination                             |
| <a href="#">create_dedicated_ip_pool</a>                   | Create a new pool of dedicated IP addresses             |
| <a href="#">create_deliverability_test_report</a>          | Create a new predictive inbox placement test            |
| <a href="#">create_email_identity</a>                      | Verifies an email identity for use with Amazon Pinpoint |
| <a href="#">delete_configuration_set</a>                   | Delete an existing configuration set                    |

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

## Examples

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

## End(Not run)
```

---

pinpointSMSvoice      *Amazon Pinpoint SMS and Voice Service*

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**Description**

Pinpoint SMS and Voice Messaging public facing APIs

**Usage**

```
pinpointSMSvoice(config = list())
```

**Arguments**

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

**Service syntax**

```
svc <- pinpointSMSvoice(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

**Operations**

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

## Examples

```
## Not run:
svc <- pinpointSMSvoice()
svc$create_configuration_set(
  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](#).

## Usage

```
ses(config = list())
```

## Arguments

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

## Service syntax

```
svc <- ses(
  config = list(
    credentials = list(
      creds = list(
        access_key_id = "string",
        secret_access_key = "string",
        session_token = "string"
      ),
      profile = "string"
    ),
    endpoint = "string",
    region = "string"
  )
)
```

## Operations

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

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

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