Package 'paws.end.user.computing'

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Author David Kretch [aut, cre], Adam Banker [aut], Amazon.com, Inc. [cph]

Maintainer David Kretch <david.kretch@gmail.com>

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`appstream` *Amazon AppStream*

Description

Amazon AppStream 2.0

This is the *Amazon AppStream 2.0 API Reference*. This documentation provides descriptions and syntax for each of the actions and data types in AppStream 2.0. AppStream 2.0 is a fully managed, secure application streaming service that lets you stream desktop applications to users without rewriting applications. AppStream 2.0 manages the AWS resources that are required to host and run your applications, scales automatically, and provides access to your users on demand.

You can call the AppStream 2.0 API operations by using an interface VPC endpoint (interface endpoint). For more information, see Access AppStream 2.0 API Operations and CLI Commands Through an Interface VPC Endpoint in the *Amazon AppStream 2.0 Administration Guide*.

To learn more about AppStream 2.0, see the following resources:

- Amazon AppStream 2.0 product page
- Amazon AppStream 2.0 documentation

Usage

```
appstream(config = list())
```

Arguments

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

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

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

Operations

associate_fleet	Associates the specified fleet with the specified stack
batch_associate_user_stack	Associates the specified users with the specified stacks
batch_disassociate_user_stack	Disassociates the specified users from the specified stacks
copy_image	Copies the image within the same region or to a new region within the same AWS acc
create_directory_config	Creates a Directory Config object in AppStream 2
create_fleet	Creates a fleet
create_image_builder	Creates an image builder
create_image_builder_streaming_url	Creates a URL to start an image builder streaming session
create_stack	Creates a stack to start streaming applications to users
create_streaming_url	Creates a temporary URL to start an AppStream 2
create_usage_report_subscription	Creates a usage report subscription
create_user	Creates a new user in the user pool
delete_directory_config	Deletes the specified Directory Config object from AppStream 2
delete_fleet	Deletes the specified fleet
delete_image	Deletes the specified image
delete_image_builder	Deletes the specified image builder and releases the capacity
delete_image_permissions	Deletes permissions for the specified private image
delete_stack	Deletes the specified stack
delete_usage_report_subscription	Disables usage report generation
delete_user	Deletes a user from the user pool
describe_directory_configs	Retrieves a list that describes one or more specified Directory Config objects for AppS
describe_fleets	Retrieves a list that describes one or more specified fleets, if the fleet names are provid
describe_image_builders	Retrieves a list that describes one or more specified image builders, if the image builde
describe_image_permissions	Retrieves a list that describes the permissions for shared AWS account IDs on a private
describe_images	Retrieves a list that describes one or more specified images, if the image names or ima
describe_sessions	Retrieves a list that describes the streaming sessions for a specified stack and fleet
describe_stacks	Retrieves a list that describes one or more specified stacks, if the stack names are provi
describe_usage_report_subscriptions	Retrieves a list that describes one or more usage report subscriptions
describe_users	Retrieves a list that describes one or more specified users in the user pool
describe_user_stack_associations	Retrieves a list that describes the UserStackAssociation objects
disable_user	Disables the specified user in the user pool
disassociate_fleet	Disassociates the specified fleet from the specified stack
enable_user	Enables a user in the user pool
expire_session	Immediately stops the specified streaming session
list_associated_fleets	Retrieves the name of the fleet that is associated with the specified stack
list_associated_stacks	Retrieves the name of the stack with which the specified fleet is associated
list_tags_for_resource	Retrieves a list of all tags for the specified AppStream 2
start_fleet	Starts the specified fleet
start_image_builder	Starts the specified image builder
stop_fleet	Stops the specified fleet
stop_image_builder	Stops the specified image builder

tag_resource	Adds or overwrites one or more tags for the specified AppStream 2
untag_resource	Disassociates one or more specified tags from the specified AppStream 2
update_directory_config	Updates the specified Directory Config object in AppStream 2
update_fleet	Updates the specified fleet
update_image_permissions	Adds or updates permissions for the specified private image
update_stack	Updates the specified fields for the specified stack

Examples

```
## Not run:
svc <- appstream()
svc$associate_fleet(
  Foo = 123
)

## End(Not run)
```

`workdocs` *Amazon WorkDocs*

Description

The WorkDocs API is designed for the following use cases:

- File Migration: File migration applications are supported for users who want to migrate their files from an on-premises or off-premises file system or service. Users can insert files into a user directory structure, as well as allow for basic metadata changes, such as modifications to the permissions of files.
- Security: Support security applications are supported for users who have additional security needs, such as antivirus or data loss prevention. The API actions, along with AWS CloudTrail, allow these applications to detect when changes occur in Amazon WorkDocs. Then, the application can take the necessary actions and replace the target file. If the target file violates the policy, the application can also choose to email the user.
- eDiscovery/Analytics: General administrative applications are supported, such as eDiscovery and analytics. These applications can choose to mimic or record the actions in an Amazon WorkDocs site, along with AWS CloudTrail, to replicate data for eDiscovery, backup, or analytical applications.

All Amazon WorkDocs API actions are Amazon authenticated and certificate-signed. They not only require the use of the AWS SDK, but also allow for the exclusive use of IAM users and roles to help facilitate access, trust, and permission policies. By creating a role and allowing an IAM user to access the Amazon WorkDocs site, the IAM user gains full administrative visibility into the entire Amazon WorkDocs site (or as set in the IAM policy). This includes, but is not limited to, the ability to modify file permissions and upload any file to any user. This allows developers to perform the three use cases above, as well as give users the ability to grant access on a selective basis using the IAM model.

Usage

```
workdocs(config = list())
```

Arguments

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

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

Operations

abort_document_version_upload	Aborts the upload of the specified document version that was previously initiated by Init
activate_user	Activates the specified user
add_resource_permissions	Creates a set of permissions for the specified folder or document
create_comment	Adds a new comment to the specified document version
create_custom_metadata	Adds one or more custom properties to the specified resource (a folder, document, or ve
create_folder	Creates a folder with the specified name and parent folder
create_labels	Adds the specified list of labels to the given resource (a document or folder)
create_notification_subscription	Configure Amazon WorkDocs to use Amazon SNS notifications
create_user	Creates a user in a Simple AD or Microsoft AD directory
deactivate_user	Deactivates the specified user, which revokes the user's access to Amazon WorkDocs
delete_comment	Deletes the specified comment from the document version
delete_custom_metadata	Deletes custom metadata from the specified resource
delete_document	Permanently deletes the specified document and its associated metadata
delete_folder	Permanently deletes the specified folder and its contents
delete_folder_contents	Deletes the contents of the specified folder
delete_labels	Deletes the specified list of labels from a resource

delete_notification_subscription	Deletes the specified subscription from the specified organization
delete_user	Deletes the specified user from a Simple AD or Microsoft AD directory
describe_activities	Describes the user activities in a specified time period
describe_comments	List all the comments for the specified document version
describe_document_versions	Retrieves the document versions for the specified document
describe_folder_contents	Describes the contents of the specified folder, including its documents and subfolders
describe_groups	Describes the groups specified by the query
describe_notification_subscriptions	Lists the specified notification subscriptions
describe_resource_permissions	Describes the permissions of a specified resource
describe_root_folders	Describes the current user's special folders; the RootFolder and the RecycleBin
describe_users	Describes the specified users
get_current_user	Retrieves details of the current user for whom the authentication token was generated
get_document	Retrieves details of a document
get_document_path	Retrieves the path information (the hierarchy from the root folder) for the requested doc
get_document_version	Retrieves version metadata for the specified document
get_folder	Retrieves the metadata of the specified folder
get_folder_path	Retrieves the path information (the hierarchy from the root folder) for the specified fold
get_resources	Retrieves a collection of resources, including folders and documents
initiate_document_version_upload	Creates a new document object and version object
remove_all_resource_permissions	Removes all the permissions from the specified resource
remove_resource_permission	Removes the permission for the specified principal from the specified resource
update_document	Updates the specified attributes of a document
update_document_version	Changes the status of the document version to ACTIVE
update_folder	Updates the specified attributes of the specified folder
update_user	Updates the specified attributes of the specified user, and grants or revokes administrativ

Examples

```
## Not run:
svc <- workdocs()
svc$abort_document_version_upload(
  Foo = 123
)

## End(Not run)
```

`worklink` *Amazon WorkLink*

Description

Amazon WorkLink is a cloud-based service that provides secure access to internal websites and web apps from iOS and Android phones. In a single step, your users, such as employees, can access internal websites as efficiently as they access any other public website. They enter a URL in their

web browser, or choose a link to an internal website in an email. Amazon WorkLink authenticates the user's access and securely renders authorized internal web content in a secure rendering service in the AWS cloud. Amazon WorkLink doesn't download or store any internal web content on mobile devices.

Usage

```
worklink(config = list())
```

Arguments

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

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

Operations

associate_domain	Specifies a domain to be associated to Amazon WorkLink
associate_website_authorization_provider	Associates a website authorization provider with a specified fleet
associate_website_certificate_authority	Imports the root certificate of a certificate authority (CA) used to obtain TLS c
create_fleet	Creates a fleet
delete_fleet	Deletes a fleet
describe_audit_stream_configuration	Describes the configuration for delivering audit streams to the customer accou
describe_company_network_configuration	Describes the networking configuration to access the internal websites associat
describe_device	Provides information about a user's device
describe_device_policy_configuration	Describes the device policy configuration for the specified fleet
describe_domain	Provides information about the domain
describe_fleet_metadata	Provides basic information for the specified fleet, excluding identity provider,

describe_identity_provider_configuration	Describes the identity provider configuration of the specified fleet
describe_website_certificate_authority	Provides information about the certificate authority
disassociate_domain	Disassociates a domain from Amazon WorkLink
disassociate_website_authorization_provider	Disassociates a website authorization provider from a specified fleet
disassociate_website_certificate_authority	Removes a certificate authority (CA)
list_devices	Retrieves a list of devices registered with the specified fleet
list_domains	Retrieves a list of domains associated to a specified fleet
list_fleets	Retrieves a list of fleets for the current account and Region
list_tags_for_resource	Retrieves a list of tags for the specified resource
list_website_authorization_providers	Retrieves a list of website authorization providers associated with a specified f
list_website_certificate_authorities	Retrieves a list of certificate authorities added for the current account and Regi
restore_domain_access	Moves a domain to ACTIVE status if it was in the INACTIVE status
revoke_domain_access	Moves a domain to INACTIVE status if it was in the ACTIVE status
sign_out_user	Signs the user out from all of their devices
tag_resource	Adds or overwrites one or more tags for the specified resource, such as a fleet
untag_resource	Removes one or more tags from the specified resource
update_audit_stream_configuration	Updates the audit stream configuration for the fleet
update_company_network_configuration	Updates the company network configuration for the fleet
update_device_policy_configuration	Updates the device policy configuration for the fleet
update_domain_metadata	Updates domain metadata, such as DisplayName
update_fleet_metadata	Updates fleet metadata, such as DisplayName
update_identity_provider_configuration	Updates the identity provider configuration for the fleet

Examples

```
## Not run:
svc <- worklink()
svc$associate_domain(
  Foo = 123
)

## End(Not run)
```

`workspaces` *Amazon WorkSpaces*

Description

Amazon WorkSpaces Service

Amazon WorkSpaces enables you to provision virtual, cloud-based Microsoft Windows and Amazon Linux desktops for your users.

Usage

```
workspaces(config = list())
```

Arguments

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

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

Operations

associate_connection_alias	Associates the specified connection alias with the specified directory to enable cros
associate_ip_groups	Associates the specified IP access control group with the specified directory
authorize_ip_rules	Adds one or more rules to the specified IP access control group
copy_workspace_image	Copies the specified image from the specified Region to the current Region
create_connection_alias	Creates the specified connection alias for use with cross-Region redirection
create_ip_group	Creates an IP access control group
create_tags	Creates the specified tags for the specified WorkSpaces resource
create_workspaces	Creates one or more WorkSpaces
delete_connection_alias	Deletes the specified connection alias
delete_ip_group	Deletes the specified IP access control group
delete_tags	Deletes the specified tags from the specified WorkSpaces resource
delete_workspace_image	Deletes the specified image from your account
deregister_workspace_directory	Deregisters the specified directory
describe_account	Retrieves a list that describes the configuration of Bring Your Own License (BYOI
describe_account_modifications	Retrieves a list that describes modifications to the configuration of Bring Your Ow
describe_client_properties	Retrieves a list that describes one or more specified Amazon WorkSpaces clients
describe_connection_aliases	Retrieves a list that describes the connection aliases used for cross-Region redirect
describe_connection_alias_permissions	Describes the permissions that the owner of a connection alias has granted to anoth
describe_ip_groups	Describes one or more of your IP access control groups
describe_tags	Describes the specified tags for the specified WorkSpaces resource

describe_workspace_bundles	Retrieves a list that describes the available WorkSpace bundles
describe_workspace_directories	Describes the available directories that are registered with Amazon WorkSpaces
describe_workspace_image_permissions	Describes the permissions that the owner of an image has granted to other AWS ac
describe_workspace_images	Retrieves a list that describes one or more specified images, if the image identifiers
describe_workspaces	Describes the specified WorkSpaces
describe_workspaces_connection_status	Describes the connection status of the specified WorkSpaces
describe_workspace_snapshots	Describes the snapshots for the specified WorkSpace
disassociate_connection_alias	Disassociates a connection alias from a directory
disassociate_ip_groups	Disassociates the specified IP access control group from the specified directory
import_workspace_image	Imports the specified Windows 10 Bring Your Own License (BYOL) image into A
list_available_management_cidr_ranges	Retrieves a list of IP address ranges, specified as IPv4 CIDR blocks, that you can u
migrate_workspace	Migrates a WorkSpace from one operating system or bundle type to another, while
modify_account	Modifies the configuration of Bring Your Own License (BYOL) for the specified a
modify_client_properties	Modifies the properties of the specified Amazon WorkSpaces clients
modify_selfservice_permissions	Modifies the self-service WorkSpace management capabilities for your users
modify_workspace_access_properties	Specifies which devices and operating systems users can use to access their WorkS
modify_workspace_creation_properties	Modify the default properties used to create WorkSpaces
modify_workspace_properties	Modifies the specified WorkSpace properties
modify_workspace_state	Sets the state of the specified WorkSpace
reboot_workspaces	Reboots the specified WorkSpaces
rebuild_workspaces	Rebuilds the specified WorkSpace
register_workspace_directory	Registers the specified directory
restore_workspace	Restores the specified WorkSpace to its last known healthy state
revoke_ip_rules	Removes one or more rules from the specified IP access control group
start_workspaces	Starts the specified WorkSpaces
stop_workspaces	Stops the specified WorkSpaces
terminate_workspaces	Terminates the specified WorkSpaces
update_connection_alias_permission	Shares or unshares a connection alias with one account by specifying whether that
update_rules_of_ip_group	Replaces the current rules of the specified IP access control group with the specifie
update_workspace_image_permission	Shares or unshares an image with one account in the same AWS Region by specify

Examples

```
## Not run:
svc <- workspaces()
svc$associate_connection_alias(
  Foo = 123
)

## End(Not run)
```

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