



API Reference

# AWS Amplify Admin UI



# AWS Amplify Admin UI: API Reference

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# What Is AWS Amplify Admin UI?

Welcome to AWS Amplify Admin UI API Reference. Admin UI is now a part of Amplify Studio. This guide is provided for reference purposes, and we strongly recommend that you use Amplify Studio to manage the backend for your Amplify app. For more information, see [Introduction](#) in the *Amplify Docs*.

The Amplify Admin UI service provides a programmatic interface for configuring and managing app backends. Amplify Studio offers an accessible way to develop app backends and manage app content. Every Amplify app has Amplify Studio access that provides a visual interface for modeling data, adding authentication, authorization, and more.

All backend resources created in Amplify Studio generate infrastructure as code and integrate with the Amplify CLI. Once your app is launched, use Amplify Studio to update app content with rich text editing features and manage users and groups, without relying on your developers to push updates. Amplify Studio is available for all your app environments and provides access to team members without an AWS account. Now developers and non-developers can access the data they need to develop and manage apps more efficiently.

## Getting started with Amplify Studio

For more information on getting started with Amplify Studio, see [Getting started](#) in the *Amplify Docs*.

# Operations

The AWS Amplify Admin UI REST API includes the following operations.

- [CloneBackend](#)

This operation clones an existing backend.

- [CreateBackend](#)

This operation creates a backend for an Amplify app. Backends are automatically created at the time of app creation.

- [CreateBackendAPI](#)

Creates a new backend API resource.

- [CreateBackendAuth](#)

Creates a new backend authentication resource.

- [CreateBackendConfig](#)

Creates a config object for a backend.

- [CreateBackendStorage](#)

Creates a backend storage resource.

- [CreateToken](#)

Generates a one-time challenge code to authenticate a user into your Amplify Admin UI.

- [DeleteBackend](#)

Removes an existing environment from your Amplify project.

- [DeleteBackendAPI](#)

Deletes an existing backend API resource.

- [DeleteBackendAuth](#)

Deletes an existing backend authentication resource.

- [DeleteBackendStorage](#)

Removes the specified backend storage resource.

- [DeleteToken](#)

Deletes the challenge token based on the given appId and sessionId.

- [GenerateBackendAPIModels](#)

Generates a model schema for an existing backend API resource.

- [GetBackend](#)

Provides project-level details for your Amplify UI project.

- [GetBackendAPI](#)

Gets the details for a backend API.

- [GetBackendAPIModels](#)

Gets a model introspection schema for an existing backend API resource.

- [GetBackendAuth](#)

Gets a backend auth details.

- [GetBackendJob](#)

Returns information about a specific job.

- [GetBackendStorage](#)

Gets details for a backend storage resource.

- [GetToken](#)

Gets the challenge token based on the given appId and sessionId.

- [ImportBackendAuth](#)

Imports an existing backend authentication resource.

- [ImportBackendStorage](#)

Imports an existing backend storage resource.

- [ListBackendJobs](#)

Lists the jobs for the backend of an Amplify app.

- [ListS3Buckets](#)

The list of S3 buckets in your account.

- [RemoveAllBackends](#)

Removes all backend environments from your Amplify project.

- [RemoveBackendConfig](#)

Removes the AWS resources required to access the Amplify Admin UI.

- [UpdateBackendAPI](#)

Updates an existing backend API resource.

- [UpdateBackendAuth](#)

Updates an existing backend authentication resource.

- [UpdateBackendConfig](#)

Updates the AWS resources required to access the Amplify Admin UI.

- [UpdateBackendJob](#)

Updates a specific job.

- [UpdateBackendStorage](#)

Updates an existing backend storage resource.

# Resources

The AWS Amplify Admin UI REST API includes the following resources.

## Topics

- [Backend](#)
- [Backend appId Api](#)
- [Backend appId Api backendEnvironmentName](#)
- [Backend appId Api backendEnvironmentName Details](#)
- [Backend appId Api backendEnvironmentName GenerateModels](#)
- [Backend appId Api backendEnvironmentName GetModels](#)
- [Backend appId Api backendEnvironmentName Remove](#)
- [Backend appId Auth](#)
- [Backend appId Auth backendEnvironmentName](#)
- [Backend appId Auth backendEnvironmentName Details](#)
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- [Backend appId Config Update](#)
- [Backend appId Details](#)
- [Backend appId Environments backendEnvironmentName Clone](#)
- [Backend appId Environments backendEnvironmentName Remove](#)
- [Backend appId Job backendEnvironmentName](#)
- [Backend appId Job backendEnvironmentName jobId](#)
- [Backend appId Remove](#)
- [Backend appId Storage](#)
- [Backend appId Storage backendEnvironmentName](#)

- [Backend appld Storage backendEnvironmentName Details](#)
- [Backend appld Storage backendEnvironmentName Import](#)
- [Backend appld Storage backendEnvironmentName Remove](#)
- [S3Buckets](#)

## Backend

All Amplify apps have a backend. The backend has settings and configurations for data storage, security, and other important logic that your app's users don't see. The easiest way to manage your Amplify app backend is using the Amplify Admin UI for your app.

### URI

/prod/backend

### HTTP methods

#### POST

**Operation ID:** CreateBackend

This operation creates a backend for an Amplify app. Backends are automatically created at the time of app creation.

#### Responses

Status code	Response model	Description
200	<a href="#">CreateBackendRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
  },
  "appName": "string",
  "appId": "string",
  "resourceName": "string",
  "backendEnvironmentName": "string"
}
```

### Response bodies

#### CreateBackendRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

#### BadRequestException schema

```
{
```

```
"message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServerError schema

```
{
  "message": "string"
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### CreateBackendReqObj

The request object for this operation.

## **resourceConfig**

The resource configuration for creating a backend.

**Type:** object

**Required:** False

### **appName**

The name of the app.

**Type:** string

**Required:** True

### **appId**

The app ID.

**Type:** string

**Required:** True

### **resourceName**

The name of the resource.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **CreateBackendRespObj**

The response object sent when a backend is created.

**jobId**

The ID for the job.

**Type:** string

**Required:** False

**appId**

The app ID.

**Type:** string

**Required:** True

**error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**status**

The current status of the request.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateBackend

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api

This resource is an API that's used to provision AWS resources. Once provisioned, the resources are used to access your defined data models. The operation associated with this resource is createBackendAPI.

## URI

/prod/backend/*appId*/api

## HTTP methods

### POST

**Operation ID:** CreateBackendAPI

Creates a new backend API resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendAPIRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
    "apiName": "string",
    "defaultAuthType": {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  },
  "transformSchema": "string",
  "service": "string",
  "additionalAuthTypes": [
    {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  ]
}
```

```
    }
  }
],
"conflictResolution": {
  "resolutionStrategy": enum
}
},
"resourceName": "string",
"backendEnvironmentName": "string"
}
```

## Response bodies

### BackendAPIRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
```

```
"message": "string",  
"limitType": "string"  
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAPIAppSyncAuthSettings

The authentication settings for accessing provisioned data models in your Amplify project.

#### openIDProviderName

The OpenID provider name, if OpenID was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

#### expirationTime

The API key expiration time for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** number

**Required:** False

#### openIDlatTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## description

The API key description for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

## openIDAuthTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## openIDClientId

The clientID for openID, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## openIDIssuerURL

The openID issuer URL, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## cognitoUserPoolId

The Amazon Cognito user pool ID, if Amazon Cognito was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## BackendAPIAuthType

Describes the auth types for your configured data models.

### mode

Describes the authentication mode.

**Type:** string

**Required:** False

**Values:** API\_KEY | AWS\_IAM | AMAZON\_COGNITO\_USER\_POOLS | OPENID\_CONNECT

### settings

Describes settings for the authentication mode.

**Type:** [BackendAPIAppSyncAuthSettings](#)

**Required:** False

## BackendAPIConflictResolution

Describes the conflict resolution configuration for your data model configured in your Amplify project.

### resolutionStrategy

The strategy for conflict resolution.

**Type:** string

**Required:** False

**Values:** OPTIMISTIC\_CONCURRENCY | LAMBDA | AUTOMERGE | NONE

## BackendAPIResourceConfig

The resource config for the data model, configured as a part of the Amplify project.

### apiName

The API name used to interact with the data model, configured as a part of your Amplify project.

**Type:** string

**Required:** False

### **defaultAuthType**

The default authentication type for interacting with the configured data models in your Amplify project.

**Type:** [BackendAPIAuthType](#)

**Required:** False

### **transformSchema**

The definition of the data model in the annotated transform of the GraphQL schema.

**Type:** string

**Required:** False

### **service**

The service used to provision and interact with the data model.

**Type:** string

**Required:** False

### **additionalAuthTypes**

Additional authentication methods used to interact with your data models.

**Type:** Array of type [BackendAPIAuthType](#)

**Required:** False

### **conflictResolution**

The conflict resolution strategy for your data stored in the data models.

**Type:** [BackendAPIConflictResolution](#)

**Required:** False

## BackendAPIRespObj

The response object sent when a backend is created.

### jobId

The ID for the job.

**Type:** string

**Required:** False

### appId

The app ID.

**Type:** string

**Required:** True

### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

### operation

The name of the operation.

**Type:** string

**Required:** False

### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

## status

The current status of the request.

**Type:** string

**Required:** False

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## CreateBackendAPIReqObj

The request object for this operation.

### resourceConfig

The resource configuration for this request.

**Type:** [BackendAPIResourceConfig](#)

**Required:** True

### resourceName

The name of this resource.

**Type:** string

**Required:** True

### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateBackendAPI

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api backendEnvironmentName

The data model for your Amplify project. This resource is used to access data from your project.

### URI

/prod/backend/*appId*/api/*backendEnvironmentName*

## HTTP methods

### POST

**Operation ID:** UpdateBackendAPI

Updates an existing backend API resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendAPIRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
    "apiName": "string",
    "defaultAuthType": {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    },
  },
  "transformSchema": "string",
  "service": "string",
}
```

```
"additionalAuthTypes": [  
  {  
    "mode": enum,  
    "settings": {  
      "openIDProviderName": "string",  
      "expirationTime": number,  
      "openIDiatTTL": "string",  
      "description": "string",  
      "openIDAuthTTL": "string",  
      "openIDClientId": "string",  
      "openIDIssueURL": "string",  
      "cognitoUserPoolId": "string"  
    }  
  }  
],  
"conflictResolution": {  
  "resolutionStrategy": enum  
},  
"resourceName": "string"  
}
```

## Response bodies

### BackendAPIRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "error": "string",  
  "operation": "string",  
  "backendEnvironmentName": "string",  
  "status": "string"  
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

## NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

## LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

## InternalServerError schema

```
{
  "message": "string"
}
```

# Properties

## BackendAPIAppSyncAuthSettings

The authentication settings for accessing provisioned data models in your Amplify project.

### openIDProviderName

The OpenID provider name, if OpenID was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

### expirationTime

The API key expiration time for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** number

**Required:** False

### **openIDiatTTL**

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

### **description**

The API key description for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

### **openIDAuthTTL**

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

### **openIDClientId**

The clientID for openID, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

### **openIDIssueURL**

The openID issuer URL, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## **cognitoUserPoolId**

The Amazon Cognito user pool ID, if Amazon Cognito was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## **BackendAPIAuthType**

Describes the auth types for your configured data models.

### **mode**

Describes the authentication mode.

**Type:** string

**Required:** False

**Values:** API\_KEY | AWS\_IAM | AMAZON\_COGNITO\_USER\_POOLS | OPENID\_CONNECT

### **settings**

Describes settings for the authentication mode.

**Type:** [BackendAPIAppSyncAuthSettings](#)

**Required:** False

## **BackendAPIConflictResolution**

Describes the conflict resolution configuration for your data model configured in your Amplify project.

### **resolutionStrategy**

The strategy for conflict resolution.

**Type:** string

**Required:** False

**Values:** OPTIMISTIC\_CONCURRENCY | LAMBDA | AUTOMERGE | NONE

## BackendAPIReqObj

The request object for this operation.

### resourceConfig

Defines the resource configuration for the data model in your Amplify project.

**Type:** [BackendAPIResourceConfig](#)

**Required:** False

### resourceName

The name of this resource.

**Type:** string

**Required:** True

## BackendAPIResourceConfig

The resource config for the data model, configured as a part of the Amplify project.

### apiName

The API name used to interact with the data model, configured as a part of your Amplify project.

**Type:** string

**Required:** False

### defaultAuthType

The default authentication type for interacting with the configured data models in your Amplify project.

**Type:** [BackendAPIAuthType](#)

**Required:** False

### transformSchema

The definition of the data model in the annotated transform of the GraphQL schema.

**Type:** string

**Required:** False

### **service**

The service used to provision and interact with the data model.

**Type:** string

**Required:** False

### **additionalAuthTypes**

Additional authentication methods used to interact with your data models.

**Type:** Array of type [BackendAPIAuthType](#)

**Required:** False

### **conflictResolution**

The conflict resolution strategy for your data stored in the data models.

**Type:** [BackendAPIConflictResolution](#)

**Required:** False

## **BackendAPIRespObj**

The response object sent when a backend is created.

### **jobId**

The ID for the job.

**Type:** string

**Required:** False

### **appId**

The app ID.

**Type:** string

**Required:** True

## **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

## **operation**

The name of the operation.

**Type:** string

**Required:** False

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **status**

The current status of the request.

**Type:** string

**Required:** False

## **BadRequestException**

An error returned if a request is not formed properly.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### UpdateBackendAPI

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api backendEnvironmentName Details

This contains resource-level configuration details for your configured data model.

### URI

/prod/backend/*appId*/api/*backendEnvironmentName*/details

## HTTP methods

### POST

**Operation ID:** GetBackendAPI

Gets the details for a backend API.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">GetBackendAPIRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
    "apiName": "string",
    "defaultAuthType": {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  },
  "transformSchema": "string",
  "service": "string",
}
```

```

  "additionalAuthTypes": [
    {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  ],
  "conflictResolution": {
    "resolutionStrategy": enum
  },
  "resourceName": "string"
}

```

## Response bodies

### GetBackendAPIRespObj schema

```

{
  "resourceConfig": {
    "apiName": "string",
    "defaultAuthType": {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  },
  "transformSchema": "string",
}

```

```
"service": "string",
"additionalAuthTypes": [
  {
    "mode": enum,
    "settings": {
      "openIDProviderName": "string",
      "expirationTime": number,
      "openIDiatTTL": "string",
      "description": "string",
      "openIDAuthTTL": "string",
      "openIDClientId": "string",
      "openIDIssueURL": "string",
      "cognitoUserPoolId": "string"
    }
  }
],
"conflictResolution": {
  "resolutionStrategy": enum
},
"appId": "string",
"resourceName": "string",
"error": "string",
"backendEnvironmentName": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
```

```
"message": "string",  
"limitType": "string"  
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAPIAppSyncAuthSettings

The authentication settings for accessing provisioned data models in your Amplify project.

#### openIDProviderName

The OpenID provider name, if OpenID was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

#### expirationTime

The API key expiration time for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** number

**Required:** False

#### openIDlatTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## description

The API key description for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

## openIDAuthTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## openIDClientId

The clientID for openID, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## openIDIssuerURL

The openID issuer URL, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## cognitoUserPoolId

The Amazon Cognito user pool ID, if Amazon Cognito was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## BackendAPIAuthType

Describes the auth types for your configured data models.

### mode

Describes the authentication mode.

**Type:** string

**Required:** False

**Values:** API\_KEY | AWS\_IAM | AMAZON\_COGNITO\_USER\_POOLS | OPENID\_CONNECT

### settings

Describes settings for the authentication mode.

**Type:** [BackendAPIAppSyncAuthSettings](#)

**Required:** False

## BackendAPIConflictResolution

Describes the conflict resolution configuration for your data model configured in your Amplify project.

### resolutionStrategy

The strategy for conflict resolution.

**Type:** string

**Required:** False

**Values:** OPTIMISTIC\_CONCURRENCY | LAMBDA | AUTOMERGE | NONE

## BackendAPIReqObj

The request object for this operation.

### resourceConfig

Defines the resource configuration for the data model in your Amplify project.

**Type:** [BackendAPIResourceConfig](#)

**Required:** False

### **resourceName**

The name of this resource.

**Type:** string

**Required:** True

## **BackendAPIResourceConfig**

The resource config for the data model, configured as a part of the Amplify project.

### **apiName**

The API name used to interact with the data model, configured as a part of your Amplify project.

**Type:** string

**Required:** False

### **defaultAuthType**

The default authentication type for interacting with the configured data models in your Amplify project.

**Type:** [BackendAPIAuthType](#)

**Required:** False

### **transformSchema**

The definition of the data model in the annotated transform of the GraphQL schema.

**Type:** string

**Required:** False

### **service**

The service used to provision and interact with the data model.

**Type:** string

**Required:** False

### **additionalAuthTypes**

Additional authentication methods used to interact with your data models.

**Type:** Array of type [BackendAPIAuthType](#)

**Required:** False

### **conflictResolution**

The conflict resolution strategy for your data stored in the data models.

**Type:** [BackendAPIConflictResolution](#)

**Required:** False

### **BadRequestException**

An error returned if a request is not formed properly.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

### **GetBackendAPIRespObj**

The response object for this operation.

#### **resourceConfig**

The resource configuration for this response object.

**Type:** [BackendAPIResourceConfig](#)

**Required:** False

## **appId**

The app ID.

**Type:** string

**Required:** True

## **resourceName**

The name of this resource.

**Type:** string

**Required:** False

## **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **InternalServerErrorException**

An error returned if there's a temporary issue with the service.

## **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

## GetBackendAPI

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api backendEnvironmentName GenerateModels

The generated datastore models for your Amplify app. Web clients can consume these to use the datastore.

### URI

/prod/backend/*appId*/api/*backendEnvironmentName*/generateModels

### HTTP methods

#### POST

**Operation ID:** GenerateBackendAPIModels

Generates a model schema for an existing backend API resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

Name	Type	Required	Description
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">BackendAPICodegenResponseObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "resourceName": "string"  
}
```

### Response bodies

#### BackendAPICodegenRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "error": "string",  
  "operation": "string",  
  "backendEnvironmentName": "string",  
  "status": "string"  
}
```

#### BadRequestException schema

```
{  
  "message": "string"  
}
```

#### NotFoundException schema

```
{  
  "message": "string",  
}
```

```
"resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServiceException schema

```
{
  "message": "string"
}
```

## Properties

### BackendAPICodegenReqObj

The request object for this operation.

#### resourceName

The name of this resource.

**Type:** string

**Required:** True

### BackendAPICodegenRespObj

The response object sent when a backend is created.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

## **appId**

The app ID.

**Type:** string

**Required:** True

## **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

## **operation**

The name of the operation.

**Type:** string

**Required:** False

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **status**

The current status of the request.

**Type:** string

**Required:** False

## **BadRequestException**

An error returned if a request is not formed properly.

## message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

## message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GenerateBackendAPIModels

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api backendEnvironmentName GetModels

The generated datastore models for your Amplify app. Web clients can consume these to use the datastore.

## URI

/prod/backend/*appId*/api/*backendEnvironmentName*/getModels

## HTTP methods

### POST

**Operation ID:** GetBackendAPIModels

Gets a model introspection schema for an existing backend API resource.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	<a href="#">GetBackendAPIModelsResponse</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "resourceName": "string"  
}
```

### Response bodies

#### GetBackendAPIModelsResponse schema

```
{  
  "models": "string",  
  "modelIntrospectionSchema": "string",  
  "status": enum
```

```
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServerErrorException schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAPICodegenReqObj

The request object for this operation.

#### resourceName

The name of this resource.

**Type:** string

**Required:** True

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## GetBackendAPIModelsResponse

The response object for this operation.

### models

Stringified JSON of the datastore model.

**Type:** string

**Required:** False

### modelIntrospectionSchema

Stringified JSON of the model introspection schema for an existing backend API resource.

**Type:** string

**Required:** False

### status

The current status of the request.

**Type:** string

**Required:** False

**Values:** LATEST | STALE

## InternalServiceException

An error returned if there's a temporary issue with the service.

**message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

**LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

**NotFoundException**

An error returned when a specific resource type is not found.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**resourceType**

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GetBackendAPIModels

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Api backendEnvironmentName Remove

The data model from your Amplify project.

### URI

/prod/backend/*appId*/api/*backendEnvironmentName*/remove

### HTTP methods

#### POST

**Operation ID:** DeleteBackendAPI

Deletes an existing backend API resource.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">BackendAPIRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
    "apiName": "string",
    "defaultAuthType": {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  },
  "transformSchema": "string",
  "service": "string",
  "additionalAuthTypes": [
    {
      "mode": enum,
      "settings": {
        "openIDProviderName": "string",
        "expirationTime": number,
        "openIDiatTTL": "string",
        "description": "string",
        "openIDAuthTTL": "string",
        "openIDClientId": "string",
        "openIDIssueURL": "string",
        "cognitoUserPoolId": "string"
      }
    }
  ]
}
```

```
    }
  }
],
"conflictResolution": {
  "resolutionStrategy": enum
}
},
"resourceName": "string"
}
```

## Response bodies

### BackendAPIRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

```
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAPIAppSyncAuthSettings

The authentication settings for accessing provisioned data models in your Amplify project.

#### openIDProviderName

The OpenID provider name, if OpenID was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

#### expirationTime

The API key expiration time for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** number

**Required:** False

#### openIDlatTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## description

The API key description for API\_KEY, if it was used as an authentication mechanism to access your data models.

**Type:** string

**Required:** False

## openIDAuthTTL

The expiry time for the OpenID authentication mechanism.

**Type:** string

**Required:** False

## openIDClientId

The clientID for openID, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## openIDIssuerURL

The openID issuer URL, if openID was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## cognitoUserPoolId

The Amazon Cognito user pool ID, if Amazon Cognito was used as an authentication setting to access your data models.

**Type:** string

**Required:** False

## BackendAPIAuthType

Describes the auth types for your configured data models.

### mode

Describes the authentication mode.

**Type:** string

**Required:** False

**Values:** API\_KEY | AWS\_IAM | AMAZON\_COGNITO\_USER\_POOLS | OPENID\_CONNECT

### settings

Describes settings for the authentication mode.

**Type:** [BackendAPIAppSyncAuthSettings](#)

**Required:** False

## BackendAPIConflictResolution

Describes the conflict resolution configuration for your data model configured in your Amplify project.

### resolutionStrategy

The strategy for conflict resolution.

**Type:** string

**Required:** False

**Values:** OPTIMISTIC\_CONCURRENCY | LAMBDA | AUTOMERGE | NONE

## BackendAPIReqObj

The request object for this operation.

### resourceConfig

Defines the resource configuration for the data model in your Amplify project.

**Type:** [BackendAPIResourceConfig](#)

**Required:** False

### **resourceName**

The name of this resource.

**Type:** string

**Required:** True

## **BackendAPIResourceConfig**

The resource config for the data model, configured as a part of the Amplify project.

### **apiName**

The API name used to interact with the data model, configured as a part of your Amplify project.

**Type:** string

**Required:** False

### **defaultAuthType**

The default authentication type for interacting with the configured data models in your Amplify project.

**Type:** [BackendAPIAuthType](#)

**Required:** False

### **transformSchema**

The definition of the data model in the annotated transform of the GraphQL schema.

**Type:** string

**Required:** False

### **service**

The service used to provision and interact with the data model.

**Type:** string

**Required:** False

### **additionalAuthTypes**

Additional authentication methods used to interact with your data models.

**Type:** Array of type [BackendAPIAuthType](#)

**Required:** False

### **conflictResolution**

The conflict resolution strategy for your data stored in the data models.

**Type:** [BackendAPIConflictResolution](#)

**Required:** False

### **BackendAPIRespObj**

The response object sent when a backend is created.

### **jobId**

The ID for the job.

**Type:** string

**Required:** False

### **appId**

The app ID.

**Type:** string

**Required:** True

### **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

### **operation**

The name of the operation.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

### **status**

The current status of the request.

**Type:** string

**Required:** False

## **BadRequestException**

An error returned if a request is not formed properly.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

## message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### DeleteBackendAPI

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Auth

The authentication and authorization settings from your Amplify project.

### URI

/prod/backend/*appId*/auth

### HTTP methods

#### POST

**Operation ID:** CreateBackendAuth

Creates a new backend authentication resource.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	<a href="#">BackendAuthRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{
  "resourceConfig": {
    "userPoolConfigs": {
      "userPoolName": "string",
      "forgotPassword": {
        "smsSettings": {
          "smsMessage": "string"
        },
        "deliveryMethod": enum,
        "emailSettings": {
          "emailMessage": "string",
          "emailSubject": "string"
        }
      },
      "passwordPolicy": {
        "minimumLength": number,
        "additionalConstraints": [
          enum
        ]
      },
      "requiredSignUpAttributes": [
        enum
      ],
      "mfa": {
        "MFAMode": enum,
        "settings": {
        }
      },
      "verificationMessage": {
        "smsSettings": {
          "smsMessage": "string"
        },
        "deliveryMethod": enum,
        "emailSettings": {
          "emailMessage": "string",
          "emailSubject": "string"
        }
      }
    }
  }
}
```

```
  },
  "oAuth": {
    "redirectSignOutURIs": [
      "string"
    ],
    "domainPrefix": "string",
    "redirectSignInURIs": [
      "string"
    ],
    "oAuthScopes": [
      enum
    ],
    "socialProviderSettings": {
    },
    "oAuthGrantType": enum
  },
  "signInMethod": enum
},
"authResources": enum,
"service": enum,
"identityPoolConfigs": {
  "identityPoolName": "string",
  "unauthenticatedLogin": boolean
}
},
"resourceName": "string",
"backendEnvironmentName": "string"
}
```

## Response bodies

### BackendAuthRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

## BadRequestException schema

```
{  
  "message": "string"  
}
```

## NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

## LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAuthRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

**appId**

The app ID.

**Type:** string

**Required:** True

**error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**status**

The current status of the request.

**Type:** string

**Required:** False

**BadRequestException**

An error returned if a request is not formed properly.

## message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## CreateBackendAuthForgotPasswordConfig

**(DEPRECATED)** Describes the forgot password policy for authenticating into the Amplify app.

### smsSettings

**(DEPRECATED)** The configuration for the SMS message sent when an app user forgets their password.

**Type:** [SmsSettings](#)

**Required:** False

### deliveryMethod

**(DEPRECATED)** Describes which mode to use (either SMS or email) to deliver messages to app users who want to recover their password.

**Type:** [DeliveryMethod](#)

**Required:** True

### emailSettings

**(DEPRECATED)** The configuration for the email sent when an app user forgets their password.

**Type:** [EmailSettings](#)

**Required:** False

## CreateBackendAuthIdentityPoolConfig

Describes authorization configurations for the auth resources, configured as a part of your Amplify project.

## identityPoolName

Name of the Amazon Cognito identity pool used for authorization.

**Type:** string

**Required:** True

## unauthenticatedLogin

Set to true or false based on whether you want to enable guest authorization to your Amplify app.

**Type:** boolean

**Required:** True

## CreateBackendAuthMFAConfig

Describes whether to apply multi-factor authentication policies for your Amazon Cognito user pool configured as a part of your Amplify project.

### MFAMode

Describes whether MFA should be [ON, OFF, or OPTIONAL] for authentication in your Amplify project.

**Type:** string

**Required:** True

**Values:** ON | OFF | OPTIONAL

## settings

Describes the configuration settings and methods for your Amplify app users to use MFA.

**Type:** object

**Required:** False

## CreateBackendAuthOAuthConfig

Creates the OAuth configuration for your Amplify project.

## **redirectSignOutURIs**

Redirect URLs that OAuth uses when a user signs out of an Amplify app.

**Type:** Array of type string

**Required:** True

## **domainPrefix**

The domain prefix for your Amplify app.

**Type:** string

**Required:** False

## **redirectSignInURIs**

The redirected URI for signing in to your Amplify app.

**Type:** Array of type string

**Required:** True

## **oAuthScopes**

List of OAuth-related flows used to allow your app users to authenticate from your Amplify app.

**Type:** Array of type string

**Required:** True

**Values:** PHONE | EMAIL | OPENID | PROFILE | AWS\_COGNITO\_SIGNIN\_USER\_ADMIN

## **socialProviderSettings**

The settings for using social providers to access your Amplify app.

**Type:** object

**Required:** False

## **oAuthGrantType**

The OAuth grant type that you use to allow app users to authenticate from your Amplify app.

**Type:** string

**Required:** True

**Values:** CODE | IMPLICIT

## CreateBackendAuthPasswordPolicyConfig

The password policy configuration for the backend to your Amplify project.

### minimumLength

The minimum length of the password used to access the backend of your Amplify project.

**Type:** number

**Required:** True

### additionalConstraints

Additional constraints for the password used to access the backend of your Amplify project.

**Type:** Array of type string

**Required:** False

**Values:** REQUIRE\_DIGIT | REQUIRE\_LOWERCASE | REQUIRE\_SYMBOL |  
REQUIRE\_UPPERCASE

## CreateBackendAuthReqObj

The request object for this operation.

### resourceConfig

The resource configuration for this request object.

**Type:** [CreateBackendAuthResourceConfig](#)

**Required:** True

### resourceName

The name of this resource.

**Type:** string  
**Required:** True

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string  
**Required:** True

### **CreateBackendAuthResourceConfig**

Defines the resource configuration when creating an auth resource in your Amplify project.

#### **userPoolConfigs**

Describes authentication configuration for the Amazon Cognito user pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [CreateBackendAuthUserPoolConfig](#)  
**Required:** True

#### **authResources**

Defines whether you want to configure only authentication or both authentication and authorization settings.

**Type:** string  
**Required:** True  
**Values:** USER\_POOL\_ONLY | IDENTITY\_POOL\_AND\_USER\_POOL

#### **service**

Defines the service name to use when configuring an authentication resource in your Amplify project.

**Type:** string  
**Required:** True  
**Values:** COGNITO

## identityPoolConfigs

Describes the authorization configuration for the Amazon Cognito identity pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [CreateBackendAuthIdentityPoolConfig](#)

**Required:** False

## CreateBackendAuthUserPoolConfig

Describes the Amazon Cognito user pool configuration for the auth resource to be configured for your Amplify project.

### userPoolName

The Amazon Cognito user pool name.

**Type:** string

**Required:** True

### forgotPassword

**(DEPRECATED)** Describes the forgotten password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthForgotPasswordConfig](#)

**Required:** False

### passwordPolicy

Describes the password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthPasswordPolicyConfig](#)

**Required:** False

### requiredSignUpAttributes

The required attributes to sign up new users in the user pool.

**Type:** Array of type string

**Required:** True

**Values:** ADDRESS | BIRTHDATE | EMAIL | FAMILY\_NAME | GENDER | GIVEN\_NAME | LOCALE | MIDDLE\_NAME | NAME | NICKNAME | PHONE\_NUMBER | PICTURE | PREFERRED\_USERNAME | PROFILE | UPDATED\_AT | WEBSITE | ZONE\_INFO

## **mfa**

Describes whether to apply multi-factor authentication policies for your Amazon Cognito user pool configured as a part of your Amplify project.

**Type:** [CreateBackendAuthMFAConfig](#)

**Required:** False

## **verificationMessage**

Describes the email or SMS verification message for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthVerificationMessageConfig](#)

**Required:** False

## **oAuth**

Describes the OAuth policy and rules for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthOAuthConfig](#)

**Required:** False

## **signInMethod**

Describes the sign-in methods that your Amplify app users use to log in using the Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** string

**Required:** True

**Values:** EMAIL | EMAIL\_AND\_PHONE\_NUMBER | PHONE\_NUMBER | USERNAME

## CreateBackendAuthVerificationMessageConfig

Creates an email or SMS verification message for the auth resource configured for your Amplify project.

### smsSettings

The settings for the SMS message.

**Type:** [SmsSettings](#)

**Required:** False

### deliveryMethod

The type of verification message to send.

**Type:** [DeliveryMethod](#)

**Required:** True

### emailSettings

The settings for the email message.

**Type:** [EmailSettings](#)

**Required:** False

## DeliveryMethod

The type of verification message to send.

EMAIL

SMS

## EmailSettings

The settings for the email message.

### emailMessage

The contents of the email message.

**Type:** string

**Required:** False

### **emailSubject**

The contents of the subject line of the email message.

**Type:** string

**Required:** False

### **InternalServiceException**

An error returned if there's a temporary issue with the service.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

### **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

#### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

#### **limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## SmsSettings

The settings for the SMS message.

### smsMessage

The contents of the SMS message.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateBackendAuth

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Auth backendEnvironmentName

The authentication and authorization settings from your Amplify project.

### URI

/prod/backend/*appId*/auth/*backendEnvironmentName*

### HTTP methods

#### POST

**Operation ID:** UpdateBackendAuth

Updates an existing backend authentication resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendAuthRespObj</a>	200 response

Status code	Response model	Description
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
```

```
"resourceConfig": {
  "userPoolConfigs": {
    "forgotPassword": {
      "smsSettings": {
        "smsMessage": "string"
      },
      "deliveryMethod": enum,
      "emailSettings": {
        "emailMessage": "string",
        "emailSubject": "string"
      }
    },
    "passwordPolicy": {
      "minimumLength": number,
      "additionalConstraints": [
        enum
      ]
    },
    "mfa": {
      "MFAMode": enum,
      "settings": {
      }
    },
    "oAuth": {
      "redirectSignOutURIs": [
        "string"
      ],
      "domainPrefix": "string",
      "redirectSignInURIs": [
        "string"
      ],
      "oAuthScopes": [
        enum
      ],
      "socialProviderSettings": {
      },
      "oAuthGrantType": enum
    },
    "verificationMessage": {
      "smsSettings": {
        "smsMessage": "string"
      },
      "deliveryMethod": enum,
      "emailSettings": {
```

```
        "emailMessage": "string",
        "emailSubject": "string"
      }
    },
    "authResources": enum,
    "service": enum,
    "identityPoolConfigs": {
      "unauthenticatedLogin": boolean
    }
  },
  "resourceName": "string"
}
```

## Response bodies

### BackendAuthRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

## LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAuthRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

#### appId

The app ID.

**Type:** string

**Required:** True

#### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

## operation

The name of the operation.

**Type:** string

**Required:** False

## backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

## status

The current status of the request.

**Type:** string

**Required:** False

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## DeliveryMethod

The type of verification message to send.

EMAIL

SMS

## EmailSettings

The settings for the email message.

### emailMessage

The contents of the email message.

**Type:** string

**Required:** False

### emailSubject

The contents of the subject line of the email message.

**Type:** string

**Required:** False

## InternalServiceException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## SmsSettings

The settings for the SMS message.

### smsMessage

The contents of the SMS message.

**Type:** string

**Required:** False

## UpdateBackendAuthForgotPasswordConfig

**(DEPRECATED)** Describes the forgot password policy for authenticating into the Amplify app.

## smsSettings

**(DEPRECATED)** The configuration for the SMS message sent when an Amplify app user forgets their password.

**Type:** [SmsSettings](#)

**Required:** False

## deliveryMethod

**(DEPRECATED)** Describes which mode to use (either SMS or email) to deliver messages to app users that want to recover their password.

**Type:** [DeliveryMethod](#)

**Required:** False

## emailSettings

**(DEPRECATED)** The configuration for the email sent when an app user forgets their password.

**Type:** [EmailSettings](#)

**Required:** False

## UpdateBackendAuthIdentityPoolConfig

Describes the authorization configuration for the Amazon Cognito identity pool, provisioned as a part of your auth resource in the Amplify project.

## unauthenticatedLogin

A boolean value that can be set to allow or disallow guest-level authorization into your Amplify app.

**Type:** boolean

**Required:** False

## UpdateBackendAuthMFAConfig

Updates the multi-factor authentication (MFA) configuration for the backend of your Amplify project.

### MFAMode

The MFA mode for the backend of your Amplify project.

**Type:** string

**Required:** False

**Values:** ON | OFF | OPTIONAL

### settings

The settings of your MFA configuration for the backend of your Amplify project.

**Type:** object

**Required:** False

## UpdateBackendAuthOAuthConfig

The OAuth configurations for authenticating users into your Amplify app.

### redirectSignOutURIs

Redirect URLs that OAuth uses when a user signs out of an Amplify app.

**Type:** Array of type string

**Required:** False

### domainPrefix

The Amazon Cognito domain prefix used to create a hosted UI for authentication.

**Type:** string

**Required:** False

## **redirectSignInURIs**

Redirect URLs that OAuth uses when a user signs in to an Amplify app.

**Type:** Array of type string

**Required:** False

## **oAuthScopes**

The list of OAuth-related flows that can allow users to authenticate from your Amplify app.

**Type:** Array of type string

**Required:** False

**Values:** PHONE | EMAIL | OPENID | PROFILE | AWS\_COGNITO\_SIGNIN\_USER\_ADMIN

## **socialProviderSettings**

Describes third-party social federation configurations for allowing your users to sign in with OAuth.

**Type:** object

**Required:** False

## **oAuthGrantType**

The OAuth grant type to allow app users to authenticate from your Amplify app.

**Type:** string

**Required:** False

**Values:** CODE | IMPLICIT

## **UpdateBackendAuthPasswordPolicyConfig**

Describes the password policy for your Amazon Cognito user pool configured as a part of your Amplify project.

### **minimumLength**

Describes the minimum length of the password required to sign in to the auth resource, configured as a part of your Amplify project.

**Type:** number

**Required:** False

### **additionalConstraints**

Describes additional constraints on password requirements to sign in to the auth resource, configured as a part of your Amplify project.

**Type:** Array of type string

**Required:** False

**Values:** REQUIRE\_DIGIT | REQUIRE\_LOWERCASE | REQUIRE\_SYMBOL | REQUIRE\_UPPERCASE

### **UpdateBackendAuthReqObj**

The request object for this operation.

#### **resourceConfig**

The resource configuration for this request object.

**Type:** [UpdateBackendAuthResourceConfig](#)

**Required:** True

#### **resourceName**

The name of this resource.

**Type:** string

**Required:** True

### **UpdateBackendAuthResourceConfig**

Defines the resource configuration when updating an authentication resource in your Amplify project.

#### **userPoolConfigs**

Describes the authentication configuration for the Amazon Cognito user pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [UpdateBackendAuthUserPoolConfig](#)

**Required:** True

### **authResources**

Defines the service name to use when configuring an authentication resource in your Amplify project.

**Type:** string

**Required:** True

**Values:** USER\_POOL\_ONLY | IDENTITY\_POOL\_AND\_USER\_POOL

### **service**

Defines the service name to use when configuring an authentication resource in your Amplify project.

**Type:** string

**Required:** True

**Values:** COGNITO

### **identityPoolConfigs**

Describes the authorization configuration for the Amazon Cognito identity pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [UpdateBackendAuthIdentityPoolConfig](#)

**Required:** False

### **UpdateBackendAuthUserPoolConfig**

Describes the Amazon Cognito user pool configuration for the authorization resource to be configured for your Amplify project on an update.

### **forgotPassword**

**(DEPRECATED)** Describes the forgot password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [UpdateBackendAuthForgotPasswordConfig](#)

**Required:** False

## passwordPolicy

Describes the password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [UpdateBackendAuthPasswordPolicyConfig](#)

**Required:** False

## mfa

Describes whether to apply multi-factor authentication policies for your Amazon Cognito user pool configured as a part of your Amplify project.

**Type:** [UpdateBackendAuthMFAConfig](#)

**Required:** False

## oAuth

Describes the OAuth policy and rules for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [UpdateBackendAuthOAuthConfig](#)

**Required:** False

## verificationMessage

Describes the email or SMS verification message for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [UpdateBackendAuthVerificationMessageConfig](#)

**Required:** False

## UpdateBackendAuthVerificationMessageConfig

Updates the configuration of the email or SMS message for the auth resource configured for your Amplify project.

### smsSettings

The settings for the SMS message.

**Type:** [SmsSettings](#)

**Required:** False

### deliveryMethod

The type of verification message to send.

**Type:** [DeliveryMethod](#)

**Required:** True

### emailSettings

The settings for the email message.

**Type:** [EmailSettings](#)

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### UpdateBackendAuth

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Auth backendEnvironmentName Details

The authentication and authorization settings from your Amplify project.

### URI

/prod/backend/*appId*/auth/*backendEnvironmentName*/details

### HTTP methods

#### POST

**Operation ID:** GetBackendAuth

Gets a backend auth details.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">GetBackendAuthRespObj</a>	200 response

Status code	Response model	Description
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
```

```
"resourceName": "string"
}
```

## Response bodies

### GetBackendAuthRespObj schema

```
{
  "resourceConfig": {
    "userPoolConfigs": {
      "userPoolName": "string",
      "forgotPassword": {
        "smsSettings": {
          "smsMessage": "string"
        },
        "deliveryMethod": enum,
        "emailSettings": {
          "emailMessage": "string",
          "emailSubject": "string"
        }
      },
      "passwordPolicy": {
        "minimumLength": number,
        "additionalConstraints": [
          enum
        ]
      },
      "requiredSignUpAttributes": [
        enum
      ],
      "mfa": {
        "MFAMode": enum,
        "settings": {
        }
      },
      "verificationMessage": {
        "smsSettings": {
          "smsMessage": "string"
        },
        "deliveryMethod": enum,
        "emailSettings": {
          "emailMessage": "string",
          "emailSubject": "string"
        }
      }
    }
  }
}
```

```
    }
  },
  "oAuth": {
    "redirectSignOutURIs": [
      "string"
    ],
    "domainPrefix": "string",
    "redirectSignInURIs": [
      "string"
    ],
    "oAuthScopes": [
      enum
    ],
    "socialProviderSettings": {
    },
    "oAuthGrantType": enum
  },
  "signInMethod": enum
},
"authResources": enum,
"service": enum,
"identityPoolConfigs": {
  "identityPoolName": "string",
  "unauthenticatedLogin": boolean
}
},
"appId": "string",
"resourceName": "string",
"error": "string",
"backendEnvironmentName": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

```
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### CreateBackendAuthForgotPasswordConfig

**(DEPRECATED)** Describes the forgot password policy for authenticating into the Amplify app.

#### smsSettings

**(DEPRECATED)** The configuration for the SMS message sent when an app user forgets their password.

**Type:** [SmsSettings](#)

**Required:** False

## deliveryMethod

**(DEPRECATED)** Describes which mode to use (either SMS or email) to deliver messages to app users who want to recover their password.

**Type:** [DeliveryMethod](#)

**Required:** True

## emailSettings

**(DEPRECATED)** The configuration for the email sent when an app user forgets their password.

**Type:** [EmailSettings](#)

**Required:** False

## CreateBackendAuthIdentityPoolConfig

Describes authorization configurations for the auth resources, configured as a part of your Amplify project.

### identityPoolName

Name of the Amazon Cognito identity pool used for authorization.

**Type:** string

**Required:** True

### unauthenticatedLogin

Set to true or false based on whether you want to enable guest authorization to your Amplify app.

**Type:** boolean

**Required:** True

## CreateBackendAuthMFAConfig

Describes whether to apply multi-factor authentication policies for your Amazon Cognito user pool configured as a part of your Amplify project.

## MFAMode

Describes whether MFA should be [ON, OFF, or OPTIONAL] for authentication in your Amplify project.

**Type:** string

**Required:** True

**Values:** ON | OFF | OPTIONAL

## settings

Describes the configuration settings and methods for your Amplify app users to use MFA.

**Type:** object

**Required:** False

## CreateBackendAuthOAuthConfig

Creates the OAuth configuration for your Amplify project.

### redirectSignOutURIs

Redirect URLs that OAuth uses when a user signs out of an Amplify app.

**Type:** Array of type string

**Required:** True

### domainPrefix

The domain prefix for your Amplify app.

**Type:** string

**Required:** False

### redirectSignInURIs

The redirected URI for signing in to your Amplify app.

**Type:** Array of type string

**Required:** True

## **oAuthScopes**

List of OAuth-related flows used to allow your app users to authenticate from your Amplify app.

**Type:** Array of type string

**Required:** True

**Values:** PHONE | EMAIL | OPENID | PROFILE | AWS\_COGNITO\_SIGNIN\_USER\_ADMIN

## **socialProviderSettings**

The settings for using social providers to access your Amplify app.

**Type:** object

**Required:** False

## **oAuthGrantType**

The OAuth grant type that you use to allow app users to authenticate from your Amplify app.

**Type:** string

**Required:** True

**Values:** CODE | IMPLICIT

## **CreateBackendAuthPasswordPolicyConfig**

The password policy configuration for the backend to your Amplify project.

### **minimumLength**

The minimum length of the password used to access the backend of your Amplify project.

**Type:** number

**Required:** True

### **additionalConstraints**

Additional constraints for the password used to access the backend of your Amplify project.

**Type:** Array of type string

**Required:** False

**Values:** REQUIRE\_DIGIT | REQUIRE\_LOWERCASE | REQUIRE\_SYMBOL | REQUIRE\_UPPERCASE

## CreateBackendAuthResourceConfig

Defines the resource configuration when creating an auth resource in your Amplify project.

### userPoolConfigs

Describes authentication configuration for the Amazon Cognito user pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [CreateBackendAuthUserPoolConfig](#)

**Required:** True

### authResources

Defines whether you want to configure only authentication or both authentication and authorization settings.

**Type:** string

**Required:** True

**Values:** USER\_POOL\_ONLY | IDENTITY\_POOL\_AND\_USER\_POOL

### service

Defines the service name to use when configuring an authentication resource in your Amplify project.

**Type:** string

**Required:** True

**Values:** COGNITO

### identityPoolConfigs

Describes the authorization configuration for the Amazon Cognito identity pool, provisioned as a part of your auth resource in the Amplify project.

**Type:** [CreateBackendAuthIdentityPoolConfig](#)

**Required:** False

## CreateBackendAuthUserPoolConfig

Describes the Amazon Cognito user pool configuration for the auth resource to be configured for your Amplify project.

### userPoolName

The Amazon Cognito user pool name.

**Type:** string

**Required:** True

### forgotPassword

**(DEPRECATED)** Describes the forgotten password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthForgotPasswordConfig](#)

**Required:** False

### passwordPolicy

Describes the password policy for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthPasswordPolicyConfig](#)

**Required:** False

### requiredSignUpAttributes

The required attributes to sign up new users in the user pool.

**Type:** Array of type string

**Required:** True

**Values:** ADDRESS | BIRTHDATE | EMAIL | FAMILY\_NAME | GENDER | GIVEN\_NAME | LOCALE | MIDDLE\_NAME | NAME | NICKNAME | PHONE\_NUMBER | PICTURE | PREFERRED\_USERNAME | PROFILE | UPDATED\_AT | WEBSITE | ZONE\_INFO

## **mfa**

Describes whether to apply multi-factor authentication policies for your Amazon Cognito user pool configured as a part of your Amplify project.

**Type:** [CreateBackendAuthMFAConfig](#)

**Required:** False

## **verificationMessage**

Describes the email or SMS verification message for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthVerificationMessageConfig](#)

**Required:** False

## **oAuth**

Describes the OAuth policy and rules for your Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** [CreateBackendAuthOAuthConfig](#)

**Required:** False

## **signInMethod**

Describes the sign-in methods that your Amplify app users use to log in using the Amazon Cognito user pool, configured as a part of your Amplify project.

**Type:** string

**Required:** True

**Values:** EMAIL | EMAIL\_AND\_PHONE\_NUMBER | PHONE\_NUMBER | USERNAME

## **CreateBackendAuthVerificationMessageConfig**

Creates an email or SMS verification message for the auth resource configured for your Amplify project.

## smsSettings

The settings for the SMS message.

**Type:** [SmsSettings](#)

**Required:** False

## deliveryMethod

The type of verification message to send.

**Type:** [DeliveryMethod](#)

**Required:** True

## emailSettings

The settings for the email message.

**Type:** [EmailSettings](#)

**Required:** False

## DeliveryMethod

The type of verification message to send.

EMAIL

SMS

## EmailSettings

The settings for the email message.

## emailMessage

The contents of the email message.

**Type:** string

**Required:** False

## emailSubject

The contents of the subject line of the email message.

**Type:** string

**Required:** False

## GetBackendAuthReqObj

The request object for this operation.

### resourceName

The name of this resource.

**Type:** string

**Required:** True

## GetBackendAuthRespObj

The response object for this operation.

### resourceConfig

The resource configuration for authorization requests to the backend of your Amplify project.

**Type:** [CreateBackendAuthResourceConfig](#)

**Required:** False

### appId

The app ID.

**Type:** string

**Required:** True

### resourceName

The name of this resource.

**Type:** string

**Required:** False

## **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## SmsSettings

The settings for the SMS message.

### smsMessage

The contents of the SMS message.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

## GetBackendAuth

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Auth backendEnvironmentName Import

Imports an existing backend authentication resource.

### URI

/prod/backend/*appId*/auth/*backendEnvironmentName*/import

### HTTP methods

#### POST

**Operation ID:** ImportBackendAuth

Imports an existing backend authentication resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">BackendAuthRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{
  "webClientId": "string",
  "nativeClientId": "string",
  "identityPoolId": "string",
  "userPoolId": "string"
}
```

## Response bodies

### BackendAuthRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

## LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

## InternalServerError schema

```
{
  "message": "string"
}
```

## Properties

### BackendAuthRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

#### appId

The app ID.

**Type:** string

**Required:** True

#### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**status**

The current status of the request.

**Type:** string

**Required:** False

**BadRequestException**

An error returned if a request is not formed properly.

**message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

**ImportBackendAuthReqObj**

The request object for this operation.

**webClientId**

The ID of the Amazon Cognito web client.

**Type:** string

**Required:** True

### **nativeClientId**

The ID of the Amazon Cognito native client.

**Type:** string

**Required:** True

### **identityPoolId**

The ID of the Amazon Cognito identity pool.

**Type:** string

**Required:** False

### **userPoolId**

The ID of the Amazon Cognito user pool.

**Type:** string

**Required:** True

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

## message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### ImportBackendAuth

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Auth backendEnvironmentName Remove

The authentication and authorization settings from your Amplify project.

### URI

`/prod/backend/appId/auth/backendEnvironmentName/remove`

### HTTP methods

#### POST

**Operation ID:** DeleteBackendAuth

Deletes an existing backend authentication resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">BackendAuthRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{
  "resourceName": "string"
}
```

## Response bodies

### BackendAuthRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
}
```

```
"limitType": "string"  
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendAuthRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

#### appId

The app ID.

**Type:** string

**Required:** True

#### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

#### operation

The name of the operation.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

### **status**

The current status of the request.

**Type:** string

**Required:** False

### **BadRequestException**

An error returned if a request is not formed properly.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

### **InternalServiceException**

An error returned if there's a temporary issue with the service.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## RemoveBackendAuthReqObj

The request object for this operation.

## resourceName

The name of this resource.

**Type:** string

**Required:** True

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### DeleteBackendAuth

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Challenge

The one-time challenge code used to authenticate a user into your Amplify Admin UI.

### URI

/prod/backend/*appId*/challenge

## HTTP methods

### POST

**Operation ID:** CreateToken

Generates a one-time challenge code to authenticate a user into your Amplify Admin UI.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">CreateTokenRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### CreateTokenRespObj schema

```
{
  "appId": "string",
  "sessionId": "string",
  "ttl": "string",
  "challengeCode": "string"
}
```

#### BadRequestException schema

```
{
  "message": "string"
}
```

#### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

#### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### CreateTokenRespObj

The response object for this operation.

#### appId

The app ID.

**Type:** string

**Required:** True

#### sessionId

A unique ID provided when creating a new challenge token.

**Type:** string

**Required:** True

#### ttl

The expiry time for the one-time generated token code.

**Type:** string

**Required:** True

### **challengeCode**

One-time challenge code for authenticating into the Amplify Admin UI.

**Type:** string

**Required:** True

### **InternalServiceException**

An error returned if there's a temporary issue with the service.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

### **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

#### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

#### **limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateToken

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# Backend appId Challenge sessionId

The one-time challenge code used to authenticate a user into your Amplify Admin UI.

## URI

/prod/backend/*appId*/challenge/*sessionId*

## HTTP methods

### GET

**Operation ID:** GetToken

Gets the challenge token based on the given appId and sessionId.

### Path parameters

Name	Type	Required	Description
<i>sessionId</i>	String	True	The session ID.
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	<a href="#">GetTokenRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>sessionId</i>	String	True	The session ID.
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### GetTokenRespObj schema

```
{
  "appId": "string",
  "sessionId": "string",
  "ttl": "string",
  "challengeCode": "string"
}
```

#### BadRequestException schema

```
{
  "message": "string"
}
```

#### NotFoundException schema

```
{
```

```
"message": "string",  
"resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### GetTokenRespObj

The response object for this operation.

#### appId

The app ID.

**Type:** string

**Required:** True

## **sessionId**

A unique ID provided when creating a new challenge token.

**Type:** string

**Required:** True

## **ttl**

The expiry time for the one-time generated token code.

**Type:** string

**Required:** True

## **challengeCode**

The one-time challenge code for authenticating into the Amplify Admin UI.

**Type:** string

**Required:** True

## **InternalServerErrorException**

An error returned if there's a temporary issue with the service.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GetToken

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Challenge sessionId Remove

The one-time challenge code used to authenticate a user into your Amplify Admin UI.

### URI

/prod/backend/*appId*/challenge/*sessionId*/remove

### HTTP methods

#### POST

**Operation ID:** DeleteToken

Deletes the challenge token based on the given appId and sessionId.

#### Path parameters

Name	Type	Required	Description
<i>sessionId</i>	String	True	The session ID.
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">DeleteTokenRespObj</a>	200 response

Status code	Response model	Description
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>sessionId</i>	String	True	The session ID.
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### DeleteTokenRespObj schema

```
{  
  "isSuccess": boolean
```

```
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## DeleteTokenRespObj

The response object for this operation.

### isSuccess

Indicates whether the request succeeded or failed.

**Type:** boolean

**Required:** True

## InternalServiceException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### DeleteToken

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Config

A configuration object that contains the authentication resources required for a user to access the Amplify Admin UI.

### URI

/prod/backend/*appId*/config

### HTTP methods

#### POST

**Operation ID:** CreateBackendConfig

Creates a config object for a backend.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">CreateBackendConfigRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response

Status code	Response model	Description
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "backendManagerAppId": "string"  
}
```

### Response bodies

#### CreateBackendConfigRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "backendEnvironmentName": "string",  
}
```

```
"status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServerError schema

```
{
  "message": "string"
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## CreateBackendConfigReqObj

The request object for this operation.

### backendManagerAppId

The app ID for the backend manager.

**Type:** string

**Required:** False

## CreateBackendConfigRespObj

The response object for this operation.

### jobId

The ID for the job.

**Type:** string

**Required:** False

### appId

The app ID.

**Type:** string

**Required:** True

### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** False

### status

The current status of the request.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateBackendConfig

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Config Remove

A configuration object that contains the authentication resources required for a user to access the Amplify Admin UI.

### URI

/prod/backend/*appId*/config/remove

## HTTP methods

### POST

**Operation ID:** RemoveBackendConfig

Removes the AWS resources required to access the Amplify Admin UI.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">RemoveBackendConfigRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### RemoveBackendConfigRespObj schema

```
{
  "error": "string"
}
```

#### BadRequestException schema

```
{
  "message": "string"
}
```

#### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

#### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

#### InternalServiceException schema

```
{
  "message": "string"
}
```

```
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### InternalServerErrorException

An error returned if there's a temporary issue with the service.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

#### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

#### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## RemoveBackendConfigRespObj

The response object for this operation.

### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

## RemoveBackendConfig

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Config Update

A configuration object that contains the authentication resources required for a user to access the Amplify Admin UI.

### URI

/prod/backend/*appId*/config/update

### HTTP methods

#### POST

**Operation ID:** UpdateBackendConfig

Updates the AWS resources required to access the Amplify Admin UI.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	<a href="#">BackendConfigRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
```

```
"loginAuthConfig": {
  "aws_user_pools_id": "string",
  "aws_cognito_identity_pool_id": "string",
  "aws_cognito_region": "string",
  "aws_user_pools_web_client_id": "string"
}
```

## Response bodies

### BackendConfigRespObj schema

```
{
  "backendManagerAppId": "string",
  "loginAuthConfig": {
    "aws_user_pools_id": "string",
    "aws_cognito_identity_pool_id": "string",
    "aws_cognito_region": "string",
    "aws_user_pools_web_client_id": "string"
  },
  "appId": "string",
  "error": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

```
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendConfigRespObj

The response object for this operation.

#### backendManagerAppId

The app ID for the backend manager.

**Type:** string

**Required:** False

#### loginAuthConfig

Describes the Amazon Cognito configurations for the Admin UI auth resource to log in with.

**Type:** [LoginAuthConfigReqObj](#)

**Required:** False

#### appId

The app ID.

**Type:** string

**Required:** False

#### error

If the request fails, this error is returned.

**Type:** string

**Required:** False

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## LoginAuthConfigReqObj

The request object for this operation.

### aws\_user\_pools\_id

The Amazon Cognito user pool ID used for Amplify Admin UI login authentication.

**Type:** string

**Required:** False

### aws\_cognito\_identity\_pool\_id

The Amazon Cognito identity pool ID used for the Amplify Admin UI login authorization.

**Type:** string

**Required:** False

### aws\_cognito\_region

The AWS Region for the Amplify Admin UI login.

**Type:** string

**Required:** False

### aws\_user\_pools\_web\_client\_id

The web client ID for the Amazon Cognito user pools.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## UpdateBackendConfigReqObj

The request object for this operation.

### loginAuthConfig

Describes the Amazon Cognito configuration for Admin UI access.

**Type:** [LoginAuthConfigReqObj](#)

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### UpdateBackendConfig

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

## Backend appId Details

Project-level details for your Amplify project.

### URI

/prod/backend/*appId*/details

### HTTP methods

#### POST

**Operation ID:** GetBackend

Provides project-level details for your Amplify UI project.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

#### Responses

Status code	Response model	Description
200	<a href="#">GetBackendRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "backendEnvironmentName": "string"  
}
```

### Response bodies

#### GetBackendRespObj schema

```
{  
  "appName": "string",  
  "appId": "string",  
  "backendEnvironmentList": [  
    "string"  
  ],  
  "amplifyFeatureFlags": "string",  
  "error": "string",  
  "amplifyMetaConfig": "string",  
  "backendEnvironmentName": "string"  
}
```

```
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServerErrorException schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## GetBackendReqObj

The request object for this operation.

### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** False

## GetBackendRespObj

The response object for this operation.

### appName

The name of the app.

**Type:** string

**Required:** False

### appId

The app ID.

**Type:** string

**Required:** True

### backendEnvironmentList

A list of backend environments in an array.

**Type:** Array of type string

**Required:** False

### amplifyFeatureFlags

A stringified version of the `cli.json` file for your Amplify project.

**Type:** string

**Required:** False

## **error**

If the request failed, this is the returned error.

**Type:** string

**Required:** False

## **amplifyMetaConfig**

A stringified version of the current configs for your Amplify project.

**Type:** string

**Required:** False

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** False

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

## **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

## message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GetBackend

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Environments backendEnvironmentName Clone

A clone of an existing environment in your Amplify project.

### URI

/prod/backend/*appId*/environments/*backendEnvironmentName*/clone

### HTTP methods

#### POST

**Operation ID:** CloneBackend

This operation clones an existing backend.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">CloneBackendRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{  
  "targetEnvironmentName": "string"  
}
```

## Response bodies

### CloneBackendRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "error": "string",  
  "operation": "string",  
  "backendEnvironmentName": "string",  
  "status": "string"  
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
}
```

```
"limitType": "string"  
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### CloneBackendReqObj

The request object for this operation.

#### targetEnvironmentName

The name of the destination backend environment to be created.

**Type:** string

**Required:** True

### CloneBackendRespObj

The response object sent when a backend is created.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

### **appId**

The app ID.

**Type:** string

**Required:** True

### **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

### **operation**

The name of the operation.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

### **status**

The current status of the request.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CloneBackend

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Environments backendEnvironmentName Remove

An existing environment in your Amplify project.

### URI

`/prod/backend/appId/environments/backendEnvironmentName/remove`

## HTTP methods

### POST

**Operation ID:** DeleteBackend

Removes an existing environment from your Amplify project.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">DeleteBackendRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### DeleteBackendRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

#### BadRequestException schema

```
{
  "message": "string"
}
```

#### NotFoundException schema

```
{
```

```
"message": "string",  
"resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### DeleteBackendRespObj

The returned object for a request to delete a backend.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

**appId**

The app ID.

**Type:** string

**Required:** True

**error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**status**

The current status of the request.

**Type:** string

**Required:** False

**InternalServiceException**

An error returned if there's a temporary issue with the service.

**message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

**LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

**NotFoundException**

An error returned when a specific resource type is not found.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**resourceType**

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### DeleteBackend

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Job backendEnvironmentName

Jobs perform backend API actions on your behalf based on your choices in the Amplify Admin UI. The actions that the jobs perform depend on the underlying API request sent from the Amplify Admin UI.

This resource is associated with the `ListBackendJobs` operation.

### URI

`/prod/backend/appId/job/backendEnvironmentName`

### HTTP methods

#### POST

**Operation ID:** `ListBackendJobs`

Lists the jobs for the backend of an Amplify app.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	<a href="#">ListBackendJobResponseObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

### OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

Name	Type	Required	Description
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "jobId": "string",
  "nextToken": "string",
  "maxResults": integer,
  "operation": "string",
  "status": "string"
}
```

### Response bodies

#### ListBackendJobRespObj schema

```
{
  "nextToken": "string",
  "jobs": [
    {
      "jobId": "string",
      "createTime": "string",
      "appId": "string",
      "updateTime": "string",

```

```
    "error": "string",
    "operation": "string",
    "backendEnvironmentName": "string",
    "status": "string"
  }
]
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServiceException schema

```
{
  "message": "string"
}
```

## Properties

### BackendJobRespObj

The response object for this operation.

**jobId**

The ID for the job.

**Type:** string

**Required:** False

**createTime**

The time when the job was created.

**Type:** string

**Required:** False

**appId**

The app ID.

**Type:** string

**Required:** True

**updateTime**

The time when the job was last updated.

**Type:** string

**Required:** False

**error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

### **status**

The current status of the request.

**Type:** string

**Required:** False

### **BadRequestException**

An error returned if a request is not formed properly.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

### **InternalServiceException**

An error returned if there's a temporary issue with the service.

#### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## ListBackendJobReqObj

The request object for this operation.

### jobId

The ID for the job.

**Type:** string

**Required:** False

### nextToken

The token for the next set of results.

**Type:** string

**Required:** False

### maxResults

The maximum number of results that you want in the response.

**Type:** integer  
**Required:** False  
**Format:** int32  
**Minimum:** 1  
**Maximum:** 25

### operation

Filters the list of response objects to include only those with the specified operation name.

**Type:** string  
**Required:** False

### status

Filters the list of response objects to include only those with the specified status.

**Type:** string  
**Required:** False

## ListBackendJobRespObj

The returned list of backend jobs.

### nextToken

The token for the next set of results.

**Type:** string  
**Required:** False

### jobs

An array of jobs and their properties.

**Type:** Array of type [BackendJobRespObj](#)  
**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### ListBackendJobs

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# Backend appId Job backendEnvironmentName jobId

Jobs perform backend API actions on your behalf based on your choices in the Amplify Admin UI. The actions that the jobs perform depend on the underlying API request sent from the Amplify Admin UI.

This resource is associated with the `GetBackendJob` and `UpdateBackendJob` operations.

## URI

`/prod/backend/appId/job/backendEnvironmentName/jobId`

## HTTP methods

### GET

**Operation ID:** `GetBackendJob`

Returns information about a specific job.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.
<i>jobId</i>	String	True	The ID for the job.

### Responses

Status code	Response model	Description
200	<a href="#">BackendJobRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response

Status code	Response model	Description
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## POST

### Operation ID: UpdateBackendJob

Updates a specific job.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.
<i>jobId</i>	String	True	The ID for the job.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendJobResponseObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response

Status code	Response model	Description
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.
<i>jobId</i>	String	True	The ID for the job.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "operation": "string",
  "status": "string"
}
```

## Response bodies

### BackendJobRespObj schema

```
{
  "jobId": "string",
  "createTime": "string",
  "appId": "string",
  "updateTime": "string",
  "error": "string",
  "operation": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServiceException schema

```
{
  "message": "string"
}
```

## Properties

### BackendJobReqObj

The request object for this operation.

#### operation

Filters the list of response objects to include only those with the specified operation name.

**Type:** string

**Required:** False

#### status

Filters the list of response objects to include only those with the specified status.

**Type:** string

**Required:** False

### BackendJobRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** False

#### createTime

The time when the job was created.

**Type:** string

**Required:** False

**appId**

The app ID.

**Type:** string

**Required:** True

**updateTime**

The time when the job was last updated.

**Type:** string

**Required:** False

**error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

**operation**

The name of the operation.

**Type:** string

**Required:** False

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**status**

The current status of the request.

**Type:** string

**Required:** False

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GetBackendJob

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateBackendJob

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Remove

All Amplify apps have a backend. The backend has settings and configurations for data storage, security, and other important logic that your app's users don't see. The easiest way to manage your Amplify app backend is by using the Amplify Admin UI for your app.

### URI

/prod/backend/*appId*/remove

### HTTP methods

#### POST

**Operation ID:** RemoveAllBackends

Removes all backend environments from your Amplify project.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	<a href="#">RemoveAllBackendsResponseObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{  
  "cleanAmplifyApp": boolean  
}
```

## Response bodies

### RemoveAllBackendsRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "error": "string",  
  "operation": "string",  
  "status": "string"  
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### InternalServerError

An error returned if there's a temporary issue with the service.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

#### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## **limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

## **NotFoundException**

An error returned when a specific resource type is not found.

### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### **resourceType**

The type of resource that is not found.

**Type:** string

**Required:** False

## **RemoveAllBackendsReqObj**

The request object for this operation.

### **cleanAmplifyApp**

Cleans up the Amplify Console app if this value is set to true.

**Type:** boolean

**Required:** False

## **RemoveAllBackendsRespObj**

The response object for this operation.

## **jobId**

The ID for the job.

**Type:** string

**Required:** False

## **appId**

The app ID.

**Type:** string

**Required:** True

## **error**

If the request fails, this error is returned.

**Type:** string

**Required:** False

## **operation**

The name of the operation.

**Type:** string

**Required:** False

## **status**

The current status of the request.

**Type:** string

**Required:** False

## **See also**

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

## RemoveAllBackends

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Storage

Create a storage resource in your Amplify app backend.

### URI

/prod/backend/*appId*/storage

### HTTP methods

#### POST

**Operation ID:** CreateBackendStorage

Creates a backend storage resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	<a href="#">BackendStorageRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{
  "resourceConfig": {
    "bucketName": "string",
    "permissions": {
      "authenticated": [
        enum
      ],
      "unAuthenticated": [
        enum
      ]
    },
    "serviceName": enum
  },
  "resourceName": "string",
  "backendEnvironmentName": "string"
}
```

## Response bodies

### BackendStorageRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

## NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

## LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

## InternalServerError schema

```
{
  "message": "string"
}
```

## Properties

### BackendStoragePermissions

Describes the read, write, and delete permissions users have against your storage S3 bucket.

#### authenticated

Lists all authenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** True

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

#### unAuthenticated

Lists all unauthenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** False

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

## BackendStorageRespObj

The response object for this operation.

### jobId

The ID for the job.

**Type:** string

**Required:** True

### appId

The app ID.

**Type:** string

**Required:** True

### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

### status

The current status of the request.

**Type:** string

**Required:** True

## BadRequestException

An error returned if a request is not formed properly.

**message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

**CreateBackendStorageReqObj**

The request object for this operation.

**resourceConfig**

The resource configuration for creating backend storage.

**Type:** [CreateBackendStorageResourceConfig](#)

**Required:** True

**resourceName**

The name of the storage resource.

**Type:** string

**Required:** True

**backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

**CreateBackendStorageResourceConfig**

The resource configuration for creating backend storage.

**bucketName**

The name of the S3 bucket.

**Type:** string

**Required:** False

## permissions

The authorization configuration for the storage S3 bucket.

**Type:** [BackendStoragePermissions](#)

**Required:** True

## serviceName

The name of the storage service.

**Type:** string

**Required:** True

**Values:** S3

## InternalServiceException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### CreateBackendStorage

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Storage backendEnvironmentName

Update a storage resource in your Amplify app backend.

### URI

/prod/backend/*appId*/storage/*backendEnvironmentName*

### HTTP methods

#### POST

**Operation ID:** UpdateBackendStorage

Updates an existing backend storage resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendStorageResponse</a>	200 response
400	<a href="#">BadRequestException</a>	400 response

Status code	Response model	Description
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "resourceConfig": {
```

```
"permissions": {
  "authenticated": [
    enum
  ],
  "unAuthenticated": [
    enum
  ]
},
"serviceName": enum
},
"resourceName": "string"
}
```

## Response bodies

### BackendStorageRespObj schema

```
{
  "jobId": "string",
  "appId": "string",
  "backendEnvironmentName": "string",
  "status": "string"
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
```

```
"limitType": "string"  
}
```

## InternalServiceException schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendStoragePermissions

Describes the read, write, and delete permissions users have against your storage S3 bucket.

#### authenticated

Lists all authenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** True

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

#### unAuthenticated

Lists all unauthenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** False

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

### BackendStorageRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** True

## **appId**

The app ID.

**Type:** string

**Required:** True

## **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **status**

The current status of the request.

**Type:** string

**Required:** True

## **BadRequestException**

An error returned if a request is not formed properly.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

**message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

**LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**limitType**

The type of limit that was exceeded.

**Type:** string

**Required:** False

**NotFoundException**

An error returned when a specific resource type is not found.

**message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

**resourceType**

The type of resource that is not found.

**Type:** string

**Required:** False

## UpdateBackendStorageReqObj

The request object for this operation.

### resourceConfig

The resource configuration for updating backend storage.

**Type:** [UpdateBackendStorageResourceConfig](#)

**Required:** True

### resourceName

The name of the storage resource.

**Type:** string

**Required:** True

## UpdateBackendStorageResourceConfig

The resource configuration for updating backend storage.

### permissions

The authorization configuration for the storage S3 bucket.

**Type:** [BackendStoragePermissions](#)

**Required:** True

### serviceName

The name of the storage service.

**Type:** string

**Required:** True

**Values:** S3

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### UpdateBackendStorage

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Storage backendEnvironmentName Details

Get the details for a storage resource in your Amplify app backend.

### URI

/prod/backend/*appId*/storage/*backendEnvironmentName*/details

### HTTP methods

#### POST

**Operation ID:** GetBackendStorage

Gets details for a backend storage resource.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">GetBackendStorageResponseObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

## Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "resourceName": "string"  
}
```

### Response bodies

#### GetBackendStorageRespObj schema

```
{  
  "resourceConfig": {  
    "bucketName": "string",  
    "permissions": {  
      "authenticated": [  
        enum  
      ],  
      "unAuthenticated": [  
        enum  
      ]  
    },  
    "imported": boolean,  
    "serviceName": enum  
  },  
  "appId": "string",  
  "resourceName": "string",  
  "backendEnvironmentName": "string"  
}
```

## BadRequestException schema

```
{
  "message": "string"
}
```

## NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

## LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

## InternalServerError schema

```
{
  "message": "string"
}
```

## Properties

### BackendStoragePermissions

Describes the read, write, and delete permissions users have against your storage S3 bucket.

#### authenticated

Lists all authenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** True

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

## unAuthenticated

Lists all unauthenticated user read, write, and delete permissions for your S3 bucket.

**Type:** Array of type string

**Required:** False

**Values:** READ | CREATE\_AND\_UPDATE | DELETE

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## GetBackendStorageReqObj

The request object for this operation.

### resourceName

The name of the storage resource.

**Type:** string

**Required:** True

## GetBackendStorageResourceConfig

The details for a backend storage resource.

### bucketName

The name of the S3 bucket.

**Type:** string

**Required:** False

### permissions

The authorization configuration for the storage S3 bucket.

**Type:** [BackendStoragePermissions](#)

**Required:** False

### imported

Returns True if the storage resource has been imported.

**Type:** boolean

**Required:** True

### serviceName

The name of the storage service.

**Type:** string

**Required:** True

**Values:** S3

## GetBackendStorageRespObj

The response object for this operation.

### resourceConfig

The resource configuration for the backend storage resource.

**Type:** [GetBackendStorageResourceConfig](#)

**Required:** False

### appId

The app ID.

**Type:** string

**Required:** True

### **resourceName**

The name of the storage resource.

**Type:** string

**Required:** False

### **backendEnvironmentName**

The name of the backend environment.

**Type:** string

**Required:** True

## **InternalServiceException**

An error returned if there's a temporary issue with the service.

### **message**

An error message to inform that the request failed.

**Type:** string

**Required:** False

## **LimitExceededException**

An error that is returned when a limit of a specific type has been exceeded.

### **message**

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### GetBackendStorage

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Storage backendEnvironmentName Import

Import a storage resource into your Amplify app backend.

### URI

/prod/backend/*appId*/storage/*backendEnvironmentName*/import

### HTTP methods

#### POST

**Operation ID:** ImportBackendStorage

Imports an existing backend storage resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

#### Responses

Status code	Response model	Description
200	<a href="#">BackendStorageRespObj</a>	200 response

Status code	Response model	Description
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
```

```
"bucketName": "string",  
"serviceName": enum  
}
```

## Response bodies

### BackendStorageRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "backendEnvironmentName": "string",  
  "status": "string"  
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",  
  "limitType": "string"  
}
```

### InternalServiceException schema

```
{  
  "message": "string"  
}
```

```
}
```

## Properties

### BackendStorageRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** True

#### appId

The app ID.

**Type:** string

**Required:** True

#### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

#### status

The current status of the request.

**Type:** string

**Required:** True

### BadRequestException

An error returned if a request is not formed properly.

## message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## ImportBackendStorageReqObj

The request object for this operation.

### bucketName

The name of the S3 bucket.

**Type:** string

**Required:** False

### serviceName

The name of the storage service.

**Type:** string

**Required:** True

**Values:** S3

## InternalServiceException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

## message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

## limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### ImportBackendStorage

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Backend appId Storage backendEnvironmentName Remove

Remove a storage resource from your Amplify app backend.

### URI

`/prod/backend/appId/storage/backendEnvironmentName/remove`

### HTTP methods

#### POST

**Operation ID:** DeleteBackendStorage

Removes the specified backend storage resource.

#### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	<a href="#">BackendStorageRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Path parameters

Name	Type	Required	Description
<i>appId</i>	String	True	The app ID.
<i>backendEnvironmentName</i>	String	True	The name of the backend environment.

## Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

```
{  
  "resourceName": "string",  
  "serviceName": enum  
}
```

## Response bodies

### BackendStorageRespObj schema

```
{  
  "jobId": "string",  
  "appId": "string",  
  "backendEnvironmentName": "string",  
  "status": "string"  
}
```

### BadRequestException schema

```
{  
  "message": "string"  
}
```

### NotFoundException schema

```
{  
  "message": "string",  
  "resourceType": "string"  
}
```

### LimitExceededException schema

```
{  
  "message": "string",
```

```
"limitType": "string"  
}
```

## InternalServerError schema

```
{  
  "message": "string"  
}
```

## Properties

### BackendStorageRespObj

The response object for this operation.

#### jobId

The ID for the job.

**Type:** string

**Required:** True

#### appId

The app ID.

**Type:** string

**Required:** True

#### backendEnvironmentName

The name of the backend environment.

**Type:** string

**Required:** True

#### status

The current status of the request.

**Type:** string

**Required:** True

## BadRequestException

An error returned if a request is not formed properly.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## InternalServerErrorException

An error returned if there's a temporary issue with the service.

### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

## LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### resourceType

The type of resource that is not found.

**Type:** string

**Required:** False

## RemoveBackendStorageReqObj

The request object for this operation.

### resourceName

The name of the storage resource.

**Type:** string

**Required:** True

### serviceName

The name of the storage service.

**Type:** string

**Required:** True

**Values:** S3

## See also

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### DeleteBackendStorage

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## S3Buckets

List the Amazon S3 buckets in your AWS account.

### URI

/prod/s3Buckets

### HTTP methods

#### POST

**Operation ID:** ListS3Buckets

The list of S3 buckets in your account.

## Responses

Status code	Response model	Description
200	<a href="#">ListS3BucketsRespObj</a>	200 response
400	<a href="#">BadRequestException</a>	400 response
404	<a href="#">NotFoundException</a>	404 response
429	<a href="#">LimitExceededException</a>	429 response
504	<a href="#">InternalServiceException</a>	504 response

## OPTIONS

Enables CORS by returning the correct headers.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{  
  "nextToken": "string"  
}
```

## Response bodies

### ListS3BucketsRespObj schema

```
{
  "nextToken": "string",
  "buckets": [
    {
      "name": "string",
      "creationDate": "string"
    }
  ]
}
```

### BadRequestException schema

```
{
  "message": "string"
}
```

### NotFoundException schema

```
{
  "message": "string",
  "resourceType": "string"
}
```

### LimitExceededException schema

```
{
  "message": "string",
  "limitType": "string"
}
```

### InternalServerErrorException schema

```
{
  "message": "string"
}
```

## Properties

### BadRequestException

An error returned if a request is not formed properly.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### InternalServerErrorException

An error returned if there's a temporary issue with the service.

#### message

An error message to inform that the request failed.

**Type:** string

**Required:** False

### LimitExceededException

An error that is returned when a limit of a specific type has been exceeded.

#### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

#### limitType

The type of limit that was exceeded.

**Type:** string

**Required:** False

## ListS3BucketsReqObj

The request object for this operation.

### nextToken

Reserved for future use.

**Type:** string

**Required:** False

## ListS3BucketsRespObj

The response object for this operation.

### nextToken

Reserved for future use.

**Type:** string

**Required:** False

### buckets

The list of S3 buckets.

**Type:** Array of type [S3BucketInfo](#)

**Required:** True

## NotFoundException

An error returned when a specific resource type is not found.

### message

An error message to inform that the request has failed.

**Type:** string

**Required:** False

### **resourceType**

The type of resource that is not found.

**Type:** string

**Required:** False

## **S3BucketInfo**

Describes the metadata of the S3 bucket.

### **name**

The name of the S3 bucket.

**Type:** string

**Required:** False

### **creationDate**

The creation date of the S3 bucket.

**Type:** string

**Required:** False

## **See also**

For more information about using this API in one of the language-specific AWS SDKs and references, see the following:

### **ListS3Buckets**

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# AWS Glossary

For the latest AWS terminology, see the [AWS glossary](#) in the *AWS Glossary Reference*.