Amplify Admin UI

AWS Amplify Admin UI 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. This guide is provided for reference purposes, and we strongly recommend that you use the Amplify Admin UI to manage the backend 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. The Amplify Admin UI offers an accessible way to develop app backends and manage app content. Every Amplify app has an admin UI that provides a visual interface for modeling data, adding authentication, authorization, and more.

All backend resources created in the Amplify Admin UI generate infrastructure as code and integrate with the Amplify CLI. Once your app is launched, use the Amplify Admin UI to update app content with rich text editing features and manage users and groups, without relying on your developers to push updates. The Amplify Admin UI is available for all your app environments and provide 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 Admin UI

For more information on getting started with Amplify Admin UI, see Getting started in the *Amplify Docs*.

Operations

The Amplify Admin UI REST API includes the following operations.

- GetToken (p. 91)

  Gets the challenge token based on the given appId and sessionId.
- ImportBackendAuth (p. 78)

  Imports an existing backend authentication resource.
- ListBackendJobs (p. 125)

  Lists the jobs for the backend of an Amplify app.
- RemoveAllBackends (p. 137)

  Removes all backend environments from your Amplify project.
- RemoveBackendConfig (p. 103)

  Removes the AWS resources required to access the Amplify Admin UI.
- UpdateBackendAPI (p. 17)

  Updates an existing backend API resource.
- UpdateBackendAuth (p. 59)

  Updates an existing backend authentication resource.
- UpdateBackendConfig (p. 106)

  Updates the AWS resources required to access the Amplify Admin UI.
- UpdateBackendJob (p. 131)

  Updates a specific job.

Resources

The Amplify Admin UI REST API includes the following resources.

Topics

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	CreateBackendRespObj (p. 5)	200 response
400	BadRequestException (p. 6)	400 response
404	NotFoundException (p. 6)	404 response
429	LimitExceededException (p. 6)	429 response
504	InternalServiceException (p. 6)	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"
}
```

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

CreateBackendReqObj

The request object for this operation.

resourceConfig

The resource configuration for the create backend request.

> **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

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:

CreateBackend

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	BackendAPIRespObj (p. 11)	200 response
400	BadRequestException (p. 11)	400 response
404	NotFoundException (p. 11)	404 response
429	LimitExceededException (p. 11)	429 response
504	InternalServiceException (p. 11)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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

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 (p. 12)
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 (p. 13)
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 (p. 13)
Required: False

conflictResolution

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

Type: BackendAPIConflictResolution (p. 13)
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 (p. 13)
   Required: True

resourceName

The name of this resource.

   Type: string

Required: True

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:

CreateBackendAPI

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAPIRespObj (p. 19)	200 response

Status code	Response model	Description
400	BadRequestException (p. 19)	400 response
404	NotFoundException (p. 19)	404 response
429	LimitExceededException (p. 19)	429 response
504	InternalServiceException (p. 19)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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

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 (p. 20)
   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 (p. 22)

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 (p. 21)
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 (p. 21)
Required: False

conflictResolution

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

Type: BackendAPIConflictResolution (p. 21)
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:

UpdateBackendAPI

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	GetBackendAPIRespObj (p. 27)	200 response
400	BadRequestException (p. 27)	400 response
404	NotFoundException (p. 28)	404 response
429	LimitExceededException (p. 29)	429 response

Status code	Response model	Description
504	InternalServiceException (p. 42)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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

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 (p. 28)
    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 (p. 30)
    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 (p. 29)
    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 (p. 29)
Required: False

conflictResolution

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

Type: BackendAPIConflictResolution (p. 30)
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 (p. 30)
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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAPICodegenRespObj (p. 34)	200 response
400	BadRequestException (p. 35)	400 response
404	NotFoundException (p. 35)	404 response
429	LimitExceededException (p. 42)	429 response
504	InternalServiceException (p. 43)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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

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:

GenerateBackendAPIModels

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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

Generates a model schema for existing backend API resource.

Path parameters

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

Responses

Status code	Response model	Description
200	GetBackendAPICodegenRespObj (p. 90)	200 response
400	BadRequestException (p. 39)	400 response
404	NotFoundException (p. 39)	404 response
429	LimitExceededException (p. 39)	429 response
504	InternalServiceException (p. 39)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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

GetBackendAPICodegenRespObj schema

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

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

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

GetBackendAPICodegenRespObj

The response object for this operation.

models

Stringified JSON of the datastore model.

> **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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAPIRespObj (p. 43)	200 response
400	BadRequestException (p. 44)	400 response
404	NotFoundException (p. 44)	404 response
429	LimitExceededException (p. 44)	429 response
504	InternalServiceException (p. 44)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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

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 (p. 44)
>**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 (p. 46)
>**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 (p. 45)

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 (p. 45)
Required: False

conflictResolution

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

Type: BackendAPIConflictResolution (p. 46)
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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	BackendAuthRespObj (p. 51)	200 response
400	BadRequestException (p. 52)	400 response
404	NotFoundException (p. 52)	404 response
429	LimitExceededException (p. 429)	429 response
504	InternalServiceException (p. 51)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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": {
      },
      "deliveryMethod": enum,
      "emailSettings": {
      }
    },
    "passwordPolicy": {
      "minimumLength": number,
      "additionalConstraints": [
        enum
      ]
    },
    "requiredSignUpAttributes": [
      enum
    ],
    "mfa": {
      "MFAMode": enum,
      "settings": {
      }
    },
    "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"
}
```

InternalServiceException 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

Describes the forgot password policy for authenticating into the Amplify app.

smsSettings

The configuration for the SMS message sent when an app user forgets their password.

Type: object
Required: False

deliveryMethod

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

Type: string
Required: True
Values: `EMAIL | SMS`

emailSettings

The configuration for the email sent when an app user forgets their password.

> **Type**: object
> **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 (p. 56)
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 (p. 57)
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 (p. 54)
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

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

Type: CreateBackendAuthForgotPasswordConfig (p. 53)
Required: False

passwordPolicy

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

Type: CreateBackendAuthPasswordPolicyConfig (p. 55)
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 (p. 54)
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 (p. 54)
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`

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:

CreateBackendAuth

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAuthRespObj (p. 61)	200 response
400	BadRequestException (p. 61)	400 response
404	NotFoundException (p. 61)	404 response
429	LimitExceededException (p. 429)	429 response
504	InternalServiceException (p. 504 response)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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": {
        },
        "deliveryMethod": enum,
        "emailSettings": {
        }
      },
      "passwordPolicy": {
        "minimumLength": number,
        "additionalConstraints": [
          enum
        ]
      },
      "mfa": {
        "MFAMode": enum,
```

```
      "settings": {
      }
    },
    "oAuth": {
      "redirectSignOutURIs": [
        "string"
      ],
      "domainPrefix": "string",
      "redirectSignInURIs": [
        "string"
      ],
      "oAuthScopes": [
        enum
      ],
      "socialProviderSettings": {
      },
      "oAuthGrantType": enum
    }
  },
  "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"
}
```

InternalServiceException 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

UpdateBackendAuthForgotPasswordConfig

Describes the forgot password policy for authenticating into the Amplify app.

smsSettings

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

    Type: object
    Required: False

deliveryMethod

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

    Type: string
    Required: False
    Values: `EMAIL | SMS`

emailSettings

The configuration for the email sent when an app user forgets their password.

    Type: object
    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 (p. 66)
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 (p. 67)

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 (p. 64)
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

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

Type: UpdateBackendAuthForgotPasswordConfig (p. 64)
Required: False

passwordPolicy

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

Type: UpdateBackendAuthPasswordPolicyConfig (p. 66)
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 (p. 64)
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 (p. 65)
> **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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Name	Type	Required	Description
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	GetBackendAuthRespObj (p. 60)	200 response
400	BadRequestException (p. 70)	400 response
404	NotFoundException (p. 70)	404 response
429	LimitExceededException (p. 70)	429 response
504	InternalServiceException (p. 71)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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": {
          },
          "deliveryMethod": enum,
          "emailSettings": {
          }
        },
        "passwordPolicy": {
          "minimumLength": number,
          "additionalConstraints": [
            enum
          ]
        },
        "requiredSignUpAttributes": [
          enum
        ],
        "mfa": {
          "MFAMode": enum,
          "settings": {
          }
        },
        "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

Describes the forgot password policy for authenticating into the Amplify app.

smsSettings

The configuration for the SMS message sent when an app user forgets their password.

Type: object
Required: False

deliveryMethod

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

Type: string
Required: True
Values: `EMAIL | SMS`

emailSettings

The configuration for the email sent when an app user forgets their password.

Type: object
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 (p. 74)
> **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 (p. 72)
> **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

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

Type: CreateBackendAuthForgotPasswordConfig (p. 71)
Required: False

passwordPolicy

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

Type: CreateBackendAuthPasswordPolicyConfig (p. 73)
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 (p. 72)
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 (p. 72)
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`

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 (p. 74)
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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAuthRespObj (p. 79)	200 response
400	BadRequestException (p. 79)	400 response
404	NotFoundException (p. 79)	404 response
429	LimitExceededException (p. 79)	429 response
504	InternalServiceException (p. 79)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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"
}
```

InternalServiceException 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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	BackendAuthRespObj (p. 84)	200 response
400	BadRequestException (p. 84)	400 response
404	NotFoundException (p. 84)	404 response
429	LimitExceededException (p. 429)	429 response
504	InternalServiceException (p. 84)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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"
}
```

InternalServiceException 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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	CreateTokenRespObj (p. 88)	200 response
400	BadRequestException (p. 88)	400 response
404	NotFoundException (p. 88)	404 response
429	LimitExceededException (p. 89)	429 response
504	InternalServiceException (p. 88)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
sessionId	String	True	The session ID.
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	GetTokenRespObj (p. 92)	200 response

Status code	Response model	Description
400	BadRequestException (p. 92)	400 response
404	NotFoundException (p. 92)	404 response
429	LimitExceededException (p. 92)	429 response
504	InternalServiceException (p. 92)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
sessionId	String	True	The session ID.
appId	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"
}
```

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

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

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:

GetToken

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
sessionId	String	True	The session ID.
appId	String	True	The app ID.

Responses

Status code	Response model	Description
`200`	DeleteTokenRespObj (p. 96)	200 response
`400`	BadRequestException (p. 96)	400 response
`404`	NotFoundException (p. 96)	404 response

Status code	Response model	Description
429	LimitExceededException (p. 429)	429 response
504	InternalServiceException (p. 504)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
sessionId	String	True	The session ID.
appId	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"
}
```

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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	CreateBackendConfigRespObj (p. 117)	200 response
400	BadRequestException (p. 100)	400 response
404	NotFoundException (p. 100)	404 response
429	LimitExceededException (p. 100)	429 response
504	InternalServiceException (p. 100)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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"
}
```

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

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

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:

CreateBackendConfig

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2

- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	`RemoveBackendConfigRespObj (p. 109)`	200 response
400	`BadRequestException (p. 104)`	400 response
404	`NotFoundException (p. 104)`	404 response
429	`LimitExceededException (p. 104)`	429 response
504	`InternalServiceException (p. 104)`	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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

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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	BackendConfigRespObj (p. 107)	200 response
400	BadRequestException (p. 108)	400 response
404	NotFoundException (p. 108)	404 response
429	LimitExceededException (p. 108)	429 response
504	InternalServiceException (p. 108)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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"
}
```

InternalServiceException 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 (p. 110)

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

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

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 (p. 110)
> **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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	GetBackendRespObj (p. 112)	200 response
400	BadRequestException (p. 113)	400 response
404	NotFoundException (p. 113)	404 response
429	LimitExceededException (p. 113)	429 response
504	InternalServiceException (p. 114)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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"
  ],
  "error": "string",
  "amplifyMetaConfig": "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

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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	CloneBackendRespObj (p. 117)	200 response
400	BadRequestException (p. 117)	400 response
404	NotFoundException (p. 117)	404 response
429	LimitExceededException (p. 117)	429 response
504	InternalServiceException (p. 117)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.

Name	Type	Required	Description
backendEnvironmentName	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

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:

CloneBackend

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	DeleteBackendRespObj (p. 122)	200 response
400	BadRequestException (p. 122)	400 response
404	NotFoundException (p. 122)	404 response
429	LimitExceededException (p. 122)	429 response
504	InternalServiceException (p. 122)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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"
}
```

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

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.

Responses

Status code	Response model	Description
200	ListBackendJobRespObj (p. 120)	200 response
400	BadRequestException (p. 126)	400 response
404	NotFoundException (p. 126)	404 response
429	LimitExceededException (p. 126)	429 response
504	InternalServiceException (p. 126)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	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 (p. 127)
> **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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.
jobId	String	True	The ID for the job.

Responses

Status code	Response model	Description
200	BackendJobRespObj (p. 132)	200 response
400	BadRequestException (p. 133)	400 response
404	NotFoundException (p. 133)	404 response
429	LimitExceededException (p. 133)	429 response
504	InternalServiceException (p. 133)	504 response

POST

Operation ID: `UpdateBackendJob`

Updates a specific job.

Path parameters

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

Responses

Status code	Response model	Description
200	BackendJobRespObj (p. 132)	200 response
400	BadRequestException (p. 133)	400 response
404	NotFoundException (p. 133)	404 response
429	LimitExceededException (p. 133)	429 response
504	InternalServiceException (p. 133)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	String	True	The app ID.
backendEnvironmentName	String	True	The name of the backend environment.
jobId	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

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:

GetBackendJob

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateBackendJob

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- 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
appId	String	True	The app ID.

Responses

Status code	Response model	Description
200	RemoveAllBackendsRespObj (p. 141)	200 response
400	BadRequestException (p. 138)	400 response
404	NotFoundException (p. 138)	404 response
429	LimitExceededException (p. 139)	429 response
504	InternalServiceException (p. 141)	504 response

OPTIONS

Enables CORS by returning the correct headers.

Path parameters

Name	Type	Required	Description
appId	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"
}
```

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

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

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
- AWS SDK for .NET
- AWS SDK for C++

- AWS SDK for Go
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

Document History for AWS Amplify Backend API Reference

The following table describes the documentation for this release of ServiceName.

- **API version: latest**
- **Latest documentation update:** Month DD, YYYY

update-history-change	update-history-description	update-history-date

AWS glossary

For the latest AWS terminology, see the AWS glossary in the *AWS General Reference*.