



AWS CloudFormation

API Reference

Quick Reference Card (Version 2010-05-15)

Revised: 2011-07-11

AWS CloudFormation Actions

CreateStack

Request Parameters:

- StackName (req)
- DisableRollback (opt)
- Parameters.member.N (opt)
- NotificationARNs.member.N (opt)
- TemplateBody | TemplateURL (opt)
- TimeoutInMinutes (opt)

Response Elements:

- StackId

DescribeStackResource

Request Parameters:

- LogicalResourceId
- StackName

Response Elements:

- StackResourceDetails (list of StackResourceDetail structures)

DescribeStacks

Request Parameters:

- StackName (opt)

Response Parameters:

- Stacks (list of Stack structures)

ListStacks

Request Parameters:

- StackStatusFilter (list of StackSummary structures)
- NextToken

Response Elements:

- Structure containing stack summaries whose status matches StackStatusFilter

GetTemplate

Request Parameters:

- StackName

Response Elements:

- Structure containing the template body

ValidateTemplate

Request Parameters:

- TemplateBody | TemplateURL (req)

Response Elements:

- Parameters (list of TemplateParameter structures)
- Description (value for template Description field)

Status Codes

Request Parameters:

CREATE_IN_PROGRESS | CREATE_FAILED | CREATE_COMPLETE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETE_COMPLETE |
ROLLBACK_IN_PROGRESS | ROLLBACK_FAILED |
ROLLBACK_COMPLETE

DeleteStack

Request Parameters:

- StackName (req)

Response Elements:

- DeleteStackResult structure

UpdateStack

Request Parameters:

- StackName (req)
- Parameters.member.N (opt)
- TemplateBody | TemplateURL (opt)
- Capabilities (opt)

Response Elements:

- StackId

DescribeStackEvents

- NextToken (opt)
- StackName (opt)

Response Elements:

- NextToken
- StackEvents (list of StackEvent structures)

DescribeStackResources

Request Parameters:

- LogicalResourceId (opt)
- PhysicalResourceId (opt)
- StackName (opt)

Response Elements:

- StackResources (list of StackResource structures)

ListStackResources

Request Parameters:

- StackName
- NextToken

Response Elements:

- StackResourceSummaries (list of StackResourceSummary structures)
- NextToken

Common Request Parameters

These parameters are common to all AWS CloudFormation actions:

- Action
- Signature
- SignatureMethod
- Timestamp | Expires (ex: 2008-09-18T13:00:01Z)
- AWSSessionToken
- SignatureVersion
- Version (2008-09-17)