



AWS CloudFormation

Command Line Quick Reference

Quick Reference Card (Version 2010-05-15)

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cfn-create-stack

Request Parameters:

- --stack-name (req)
- -f, --template-file | -u, --template-url (req)
- -d, --disable-rollback (opt)
- -n, --notification-arns (opt)
- -p, --parameters (opt)
- -t, --timeout (opt)
- -c, --capabilities (opt)

Response Elements:

- STACK_ID

cfn-describe-stack-resource

Request Parameters:

- StackName, -s, --stack-name
- LogicalResourceId, -l, --logical-resource-id
- --show-long (required to display STACK_NAME, STACK_ID, STATUS_REASON, METADATA)

Response Elements:

- Table with the following:
STACK_NAME, STACK_ID, LOGICAL_ID, PHYSICAL_ID, TYPE,
LAST_UPDATED_TIMESTAMP,
STATUS, STATUS_REASON, DESCRIPTION, METADATA

cfn-describe-stack-events

- StackName, --stack-name (opt)

Response Elements:

- Table with EVENT_ID, STACK_NAME, STACK_ID, LOGICAL_ID,
PHYSICAL_ID, RESOURCE_PROPERTIES, RESOURCE_TYPE,
EVENT_TYPE, RESOURCE_STATUS, RESOURCE_STATUS_REASON

cfn-list-stack-resources

Request Parameters:

- StackName, -s, --stack-name

Response Elements:

- Table with LOGICAL_ID, PHYSICAL_ID, TYPE,
LAST_UPDATED_TIMESTAMP, STATUS, STATUS_REASON.

cfn-validate-template

Request Parameters:

- -f, --template-file | -u, --template-url (req)

Response Elements:

- Table with PARAMETER_NAME, DEFAULT_VALUE, NOECHO,
DESCRIPTION. If the template has no parameters, nothing is
returned for a valid template.

cfn-delete-stack

Request Parameters:

- StackName, --stack-name (req)
- --force (req)

Response Elements:

- DeleteStackResult structure

cfn-update-stack

Request Parameters:

- --stack-name (req)
- -f, --template-file | -u, --template-url (req)
- -p, --parameters (opt)
- -c, --capabilities (opt)

Response Elements:

- STACK_ID

cfn-describe-stack-resources

Request Parameters:

- -l, --logical-resource-id (opt)
- -p, --physical-resource-id (opt)
- -s, --stack-name (opt)

Response Elements:

- Table with the following:
LOGICAL_ID, PHYSICAL_ID, TYPE, CREATED_TIME,
STATUS, STATUS_REASON

cfn-describe-stacks

Request Parameters:

- StackName, --stack-name (opt)

Response Elements:

- NAME, STACK_ID, PARAMETERS, CREATED_TIME, STATUS,
STATUS_REASON, DISABLE_ROLLBACK, TIMEOUT_IN_MINUTES,
NOTIFICATION_ARNS, OUTPUTS

cfn-list-stacks

Request Parameters:

- StackStatusFilter

Response Elements:

- Table with CREATION_TIME, NAME, STATUS, STACK_ID,
and TEMPLATE_DESCRIPTION.

cfn-get-template

Request Parameters:

- StackName

Response Elements:

- Template body enclosed in double quotes

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

Common Request Parameters

These parameters are common to all AWS CloudFormation actions:

- | | | | |
|---|--|---------------------------------------|----------------------------|
| • --aws-credential-file | • -C, --cert <i>EC2-CERT</i> | • --connection-timeout <i>TIMEOUT</i> | • --delimiter <i>VALUE</i> |
| • -l, --access-key-id <i>VALUE</i> | • -K, --ec2-private-key-file-path <i>VALUE</i> | • --show-empty-fields | • --region <i>REGION</i> |
| • -S, --secret-key <i>VALUE</i> | • --headers | • -U, --url <i>URL</i> | • --show-request |
| • --show-table --show-long --show-xml --quiet | | | • -?, --help |