



# AWS CloudFormation

## Command Line Quick Reference

Quick Reference Card (Version 2010-05-15)

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### AWS CloudFormation Commands

#### **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)

##### **Response Elements:**

- STACK\_ID

#### **cfn-describe-stack-resource**

##### **Request Parameters:**

- StackName, -s, --stack-name (req)
- LogicalResourceId, -l, --logical-resource-id (req)
- --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 (req)

##### **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-get-template**

##### **Request Parameters:**

- StackName --stack-name (req)

##### **Response Elements:**

- Template body enclosed in double quotes

#### **cfn-list-stacks**

##### **Request Parameters:**

- StackStatusFilter --stack-status (opt)

##### **Response Elements:**

- Table with CREATION\_TIME, NAME, STATUS, STACK\_ID, and TEMPLATE\_DESCRIPTION.

#### **cfn-delete-stack**

##### **Request Parameters:**

- StackName, --stack-name (req)
- --force (required to remove the user prompt)

##### **Response Elements:**

- DeleteStackResult structure

#### **cfn-describe-stack-resources**

##### **Request Parameters:**

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

Requires either -p or -s and -l

##### **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-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.

### **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               |