

## 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
- -I, --access-key-id *VALUE*
- -S, --secret-key *VALUE*
- --show-table | --show-long | --show-xml | --quiet
- -C, --cert *EC2-CERT*
- -K, --ec2-private-key-file-path *VALUE*
- --headers
- --connection-timeout *TIMEOUT*
- --ec2-private-key-file-path *VALUE*
- --show-empty-fields
- -U, --url *URL*
- --delimiter *VALUE*
- --region *REGION*
- --show-request
- -?, --help