:doctype: book

include::attributes.txt[]

// Attributes

[.topic] [#ref-cli-cmd-rollback] = cdk rollback :keywords: {aws} CDK, {aws} CDK CLI, CDK Toolkit, IaC, Infrastructure as code, {aws} Cloud, {aws} CloudFormation, cdk deploy, rollback

== [abstract]

## Use the {aws} Cloud Development Kit ({aws} CDK) Command Line Interface (CLI) cdk rollback command to rollback a failed or paused stack from an {aws} CloudFormation deployment to its last stable state.

// Content start

Use the {aws} Cloud Development Kit ({aws} CDK) Command Line Interface (CLI) cdk rollback command to rollback a failed or paused stack from an {aws} CloudFormation deployment to its last stable state.

= [NOTE]

To use this command, you must have v23 of the bootstrap template deployed to your environment. For more information, see xref:bootstrap-template-history[Bootstrap template version history].

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When you deploy using cdk deploy, the CDK CLI will rollback a failed deployment by default. If you specify --no-rollback with cdk deploy, you can then use the cdk rollback command to manually rollback a failed deployment. This will initiate a rollback to the last stable state of your stack.

[#ref-cli-cmd-rollback-usage] == Usage

== [source,none,subs=“verbatim,attributes”]

$ cdk rollback ++++++++++++—-++++++++++++

[#ref-cli-cmd-rollback-args] == Arguments

[#ref-cli-cmd-rollback-args-stack-name] *CDK stack ID*:: The construct ID of the CDK stack from your app to rollback. + *Type*: String + *Required*: No

[#ref-cli-cmd-rollback-options] == Options

For a list of global options that work with all CDK CLI commands, see xref:ref-cli-cmd-options[Global options].

[#ref-cli-cmd-rollback-options-all] --all <BOOLEAN>:: Rollback all stacks in your CDK app. + *Default value*: false

[#ref-cli-cmd-rollback-options-force] --force, -f <BOOLEAN>:: When you use cdk rollback, some resources may fail to rollback. Provide this option to force the rollback of all resources. This is the same behavior as providing the --orphan option for each resource in your stack. + *Default value*: false

[#ref-cli-cmd-rollback-options-help] --help, -h <BOOLEAN>:: Show command reference information for the cdk rollback command.

[#ref-cli-cmd-rollback-options-orphan] --orphan <LogicalId>:: When you use cdk rollback, some resources may fail to rollback. When this happens, you can try to force the rollback of a resource by using this option and providing the logical ID of the resource that failed to rollback. + This option can be provided multiple times in a single command The following is an example: + [source,none,subs=“verbatim,attributes”] — $ cdk rollback MyStack –orphan MyLambdaFunction –orphan MyLambdaFunction2 — + To force the rollback of all resources, use the --force option instead.

[#ref-cli-cmd-rollback-options-toolkit-stack-name] --toolkit-stack-name <STRING>:: The name of the existing CDK Toolkit stack that the environment is bootstrapped with. + By default, cdk bootstrap deploys a stack named CDKToolkit into the specified {aws} environment. Use this option to provide a different name for your bootstrap stack. + The CDK CLI uses this value to verify your bootstrap stack version.

[#ref-cli-cmd-rollback-options-validate-bootstrap-version] --validate-bootstrap-version <BOOLEAN>:: Specify whether to validate the bootstrap stack version. Provide --validate-bootstrap-version=false or --no-validate-bootsrap-version to turn off this behavior. + *Default value*: true