

Lesson 09 Demo 06

Updating Input Parameters in an Existing Stack

Objective: To demonstrate the process of updating input parameters in an existing CloudFormation stack

Tools required: AWS Management Console

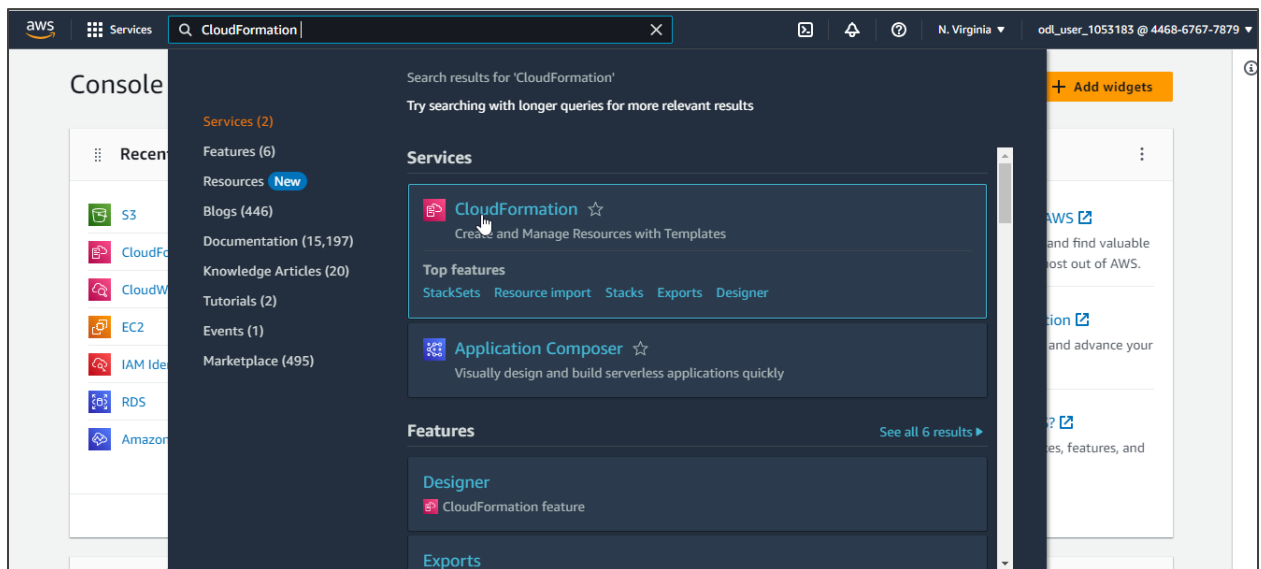
Prerequisites: An existing CloudFormation stack

Steps to be followed:

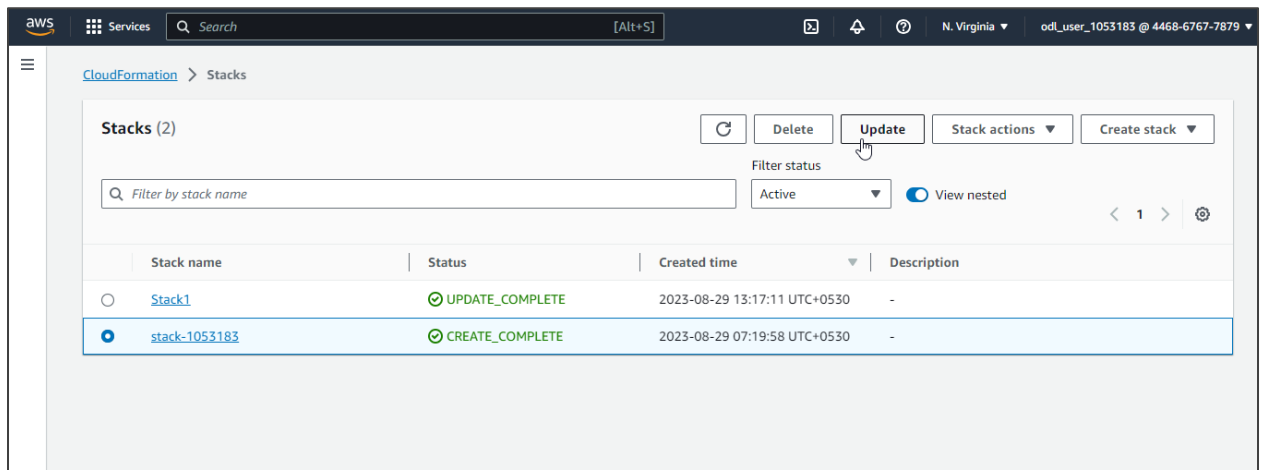
1. Update the template and test the updates

Step 1: Update the template and test the updates

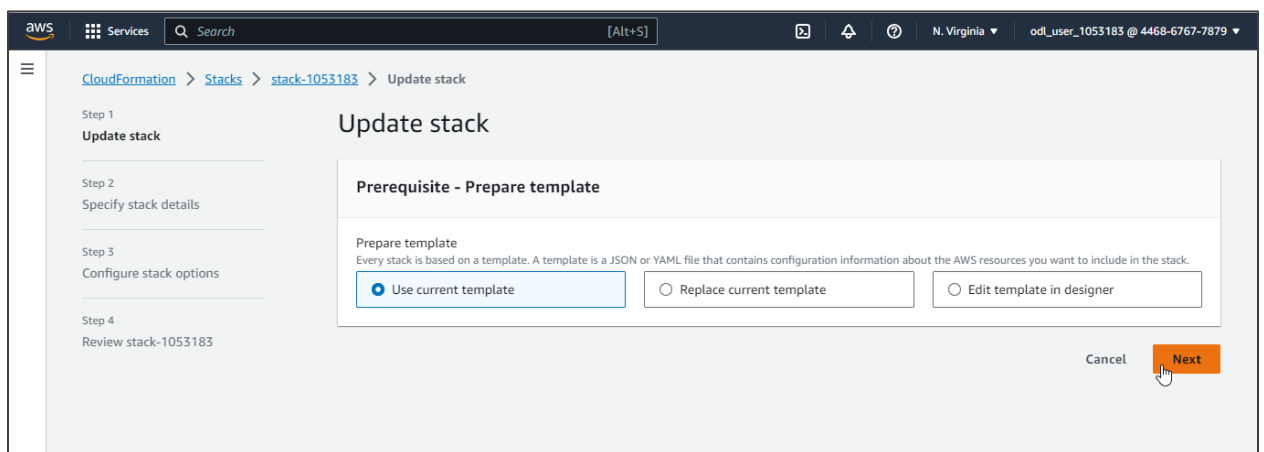
- 1.1 In the AWS Management Console, search for **CloudFormation** and select it



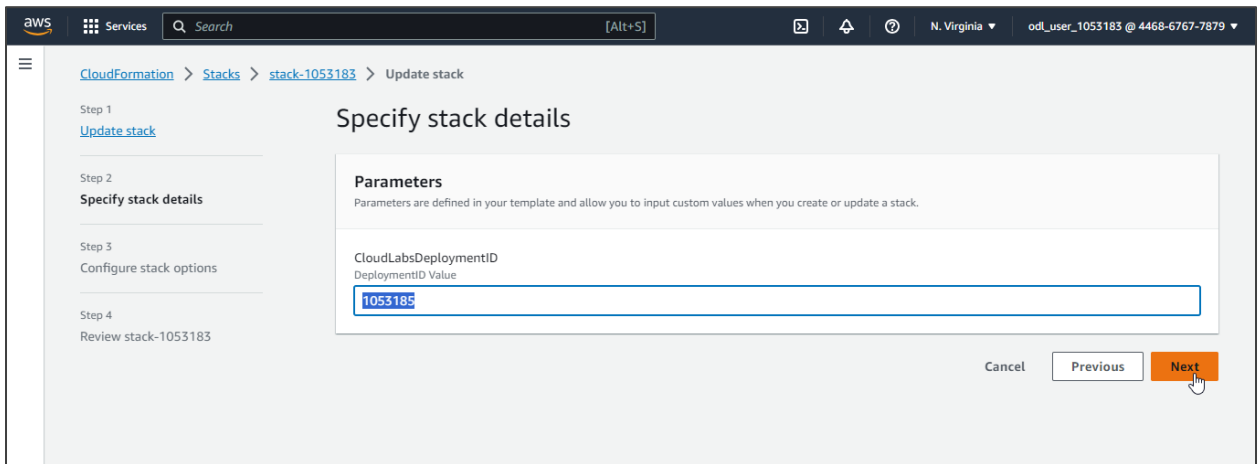
1.2 Select the existing stack and click **Update** to modify its parameters using the current template



1.3 Select **Use current template** and click **Next**

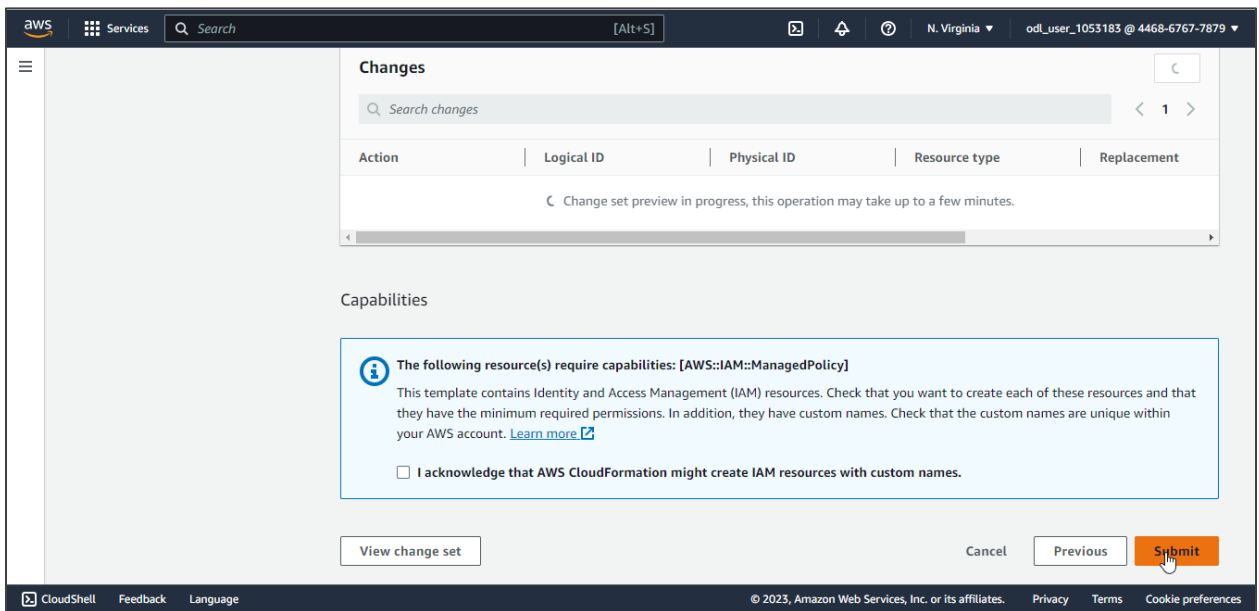


1.4 Adjust the input parameters as required within the update process and click **Next**



The screenshot shows the AWS CloudFormation console interface. The breadcrumb navigation indicates the path: CloudFormation > Stacks > stack-1053183 > Update stack. On the left, a sidebar lists four steps: Step 1 (Update stack), Step 2 (Specify stack details - currently active), Step 3 (Configure stack options), and Step 4 (Review stack-1053183). The main content area is titled 'Specify stack details' and contains a 'Parameters' section. Below this, it says 'Parameters are defined in your template and allow you to input custom values when you create or update a stack.' A specific parameter is shown: 'CloudLabsDeploymentID' with a sub-label 'DeploymentID Value'. The input field for this parameter contains the value '1053183'. At the bottom right of the main content area, there are three buttons: 'Cancel', 'Previous', and 'Next'. A mouse cursor is pointing at the 'Next' button.

1.5 Review and click **Submit**



The screenshot shows the 'Changes' section of the AWS CloudFormation console. At the top, there's a 'Changes' header with a search bar and a pagination indicator showing '1' of 1 changes. Below this is a table with columns: Action, Logical ID, Physical ID, Resource type, and Replacement. The table is currently empty, and a message states: 'Change set preview in progress, this operation may take up to a few minutes.' Below the table, there's a 'Capabilities' section. It contains an information icon and a message: 'The following resource(s) require capabilities: [AWS::IAM::ManagedPolicy]'. This is followed by a paragraph explaining that the template contains IAM resources and that users should check permissions and custom names. A checkbox is present with the text: 'I acknowledge that AWS CloudFormation might create IAM resources with custom names.' At the bottom left of the main content area, there is a 'View change set' button. At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Submit'. A mouse cursor is pointing at the 'Submit' button. The footer of the console shows 'CloudShell', 'Feedback', 'Language', and copyright information for Amazon Web Services, Inc. or its affiliates, along with links for 'Privacy', 'Terms', and 'Cookie preferences'.

The screenshot shows the AWS CloudFormation console. On the left, the 'Stacks' list shows two stacks: 'Stack1' and 'stack-1053183'. 'stack-1053183' is selected and highlighted in blue. Its status is 'UPDATE_COMPLETE'. On the right, the 'stack-1053183' details page is shown, with the 'Events' tab selected. The events list shows three events, all with a status of 'CREATE_COMPLETE'.

Timestamp	Logical ID	Status	Status Message
2023-08-29 15:50:46 UTC+0530	stack-1053183	UPDATE_IN_PROGRESS	User I
2023-08-29 07:20:18 UTC+0530	stack-1053183	CREATE_COMPLETE	-
2023-08-29 07:20:17 UTC+0530	UserPolicy	CREATE_COMPLETE	-

You must wait for the stack to be created. (Status: **UPDATE_COMPLETE**)

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Timestamp	Logical ID	Status	Status Message
2023-08-29 15:50:50 UTC+0530	stack-1053183	UPDATE_COMPLETE	-
2023-08-29 15:50:50 UTC+0530	stack-1053183	UPDATE_COMPLETE_CLEANUP_IN_PROGRESS	-
2023-08-29 15:50:46 UTC+0530	stack-1053183	UPDATE_IN_PROGRESS	User I

By following these steps, you will successfully update input parameters in an existing CloudFormation stack.