

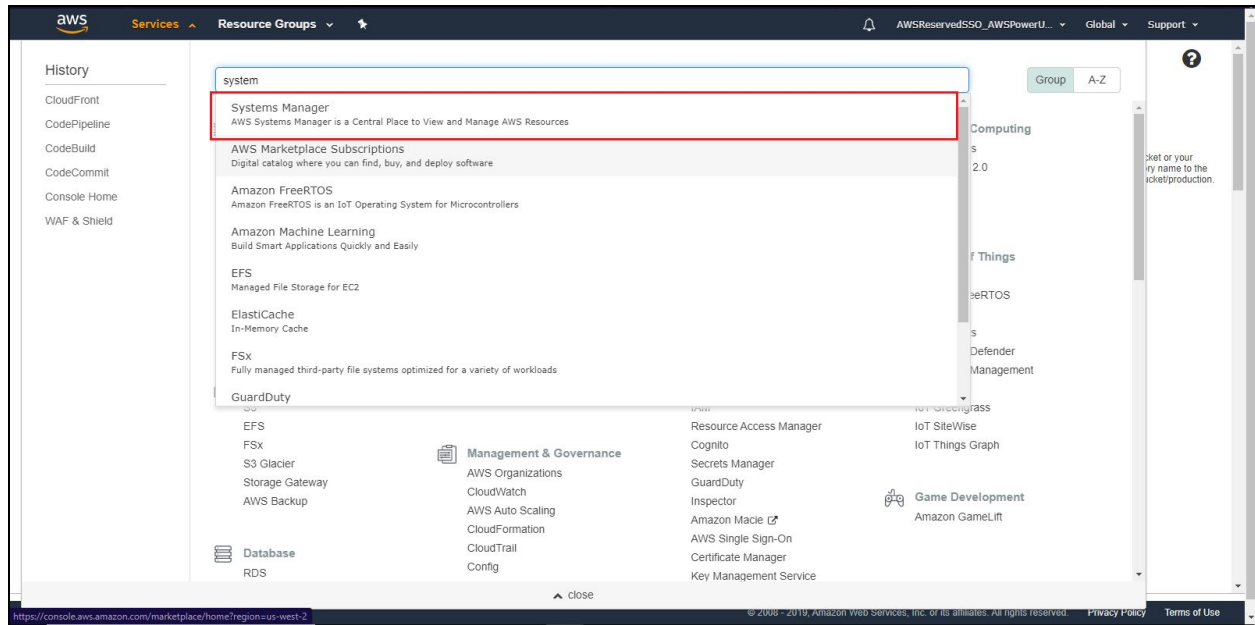


Systems Manager

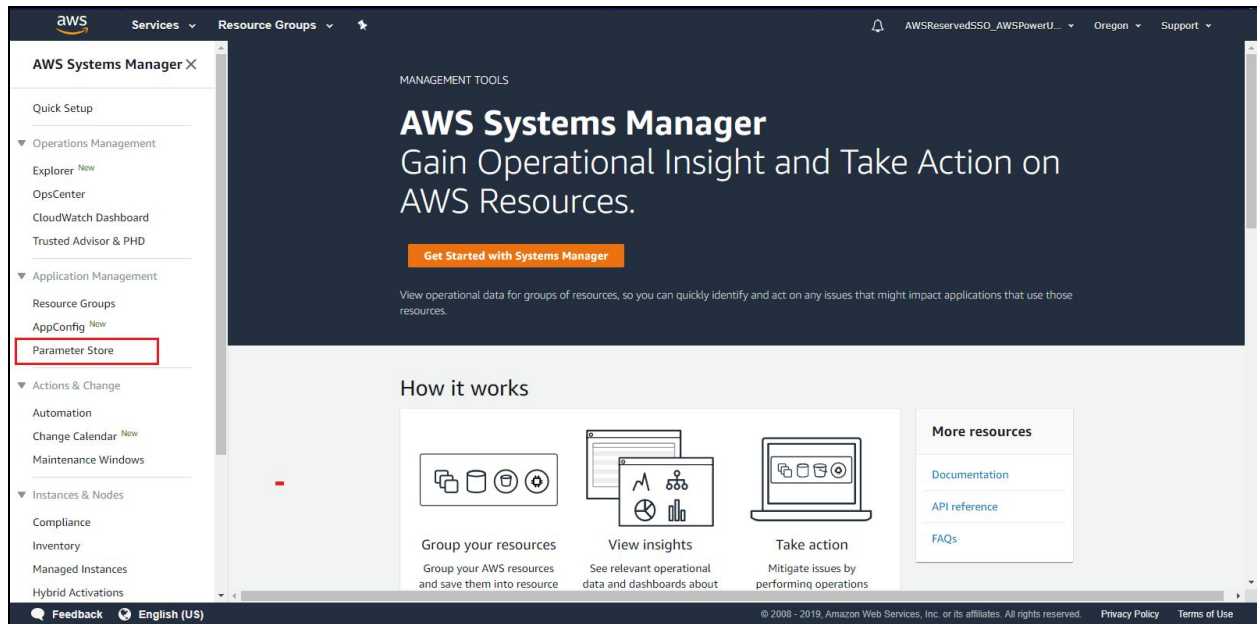
Agenda:

By using Parameter store in Systems Manager we can store our secret keys and values. Data can be of any type like Passwords, Keys, URLs or Strings. These parameter values will be called from backend API's. By the end of the document, we learn how to create parameters in Parameter Store and how to store the secret values in the Parameter Store.

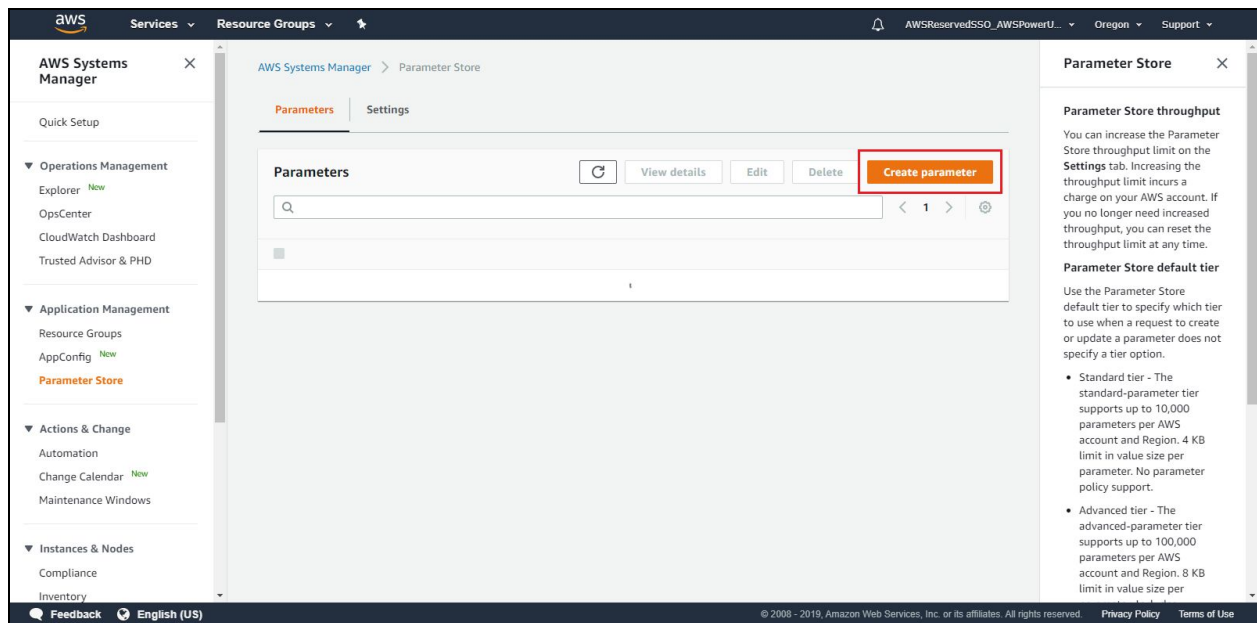
First, we have to login into the **AWS Console** and search for **Systems Manager** service.



Now go to the parameter store on the dashboard as shown below



Now click on the **Create Parameter** to create SSM parameters.



Once we select the Create Parameter, it will list the option where we need to provide various inputs like the Name of the parameter, Tier and type of the parameter and KMS Key source. Here we have given the key source as current account to access with in the account.

The screenshot shows the 'Create parameter' page in the AWS Systems Manager console. The left sidebar contains navigation links for 'Quick Setup', 'Operations Management', 'Application Management', 'Actions & Change', and 'Instances & Nodes'. The main content area is titled 'Parameter details' and includes the following fields:

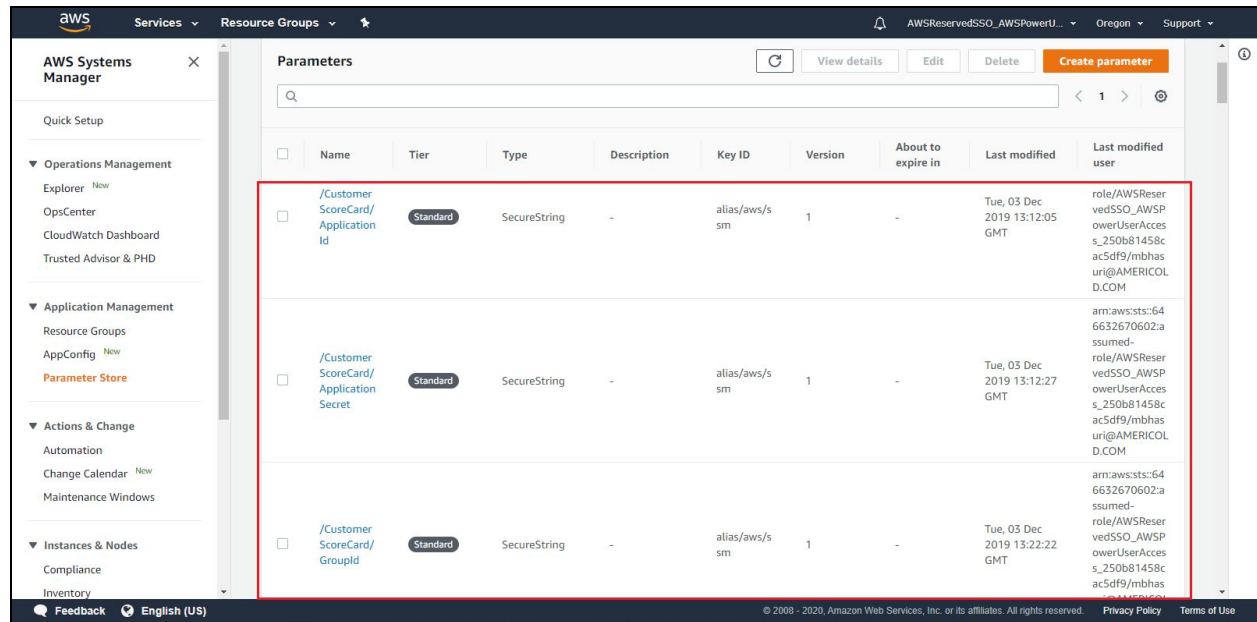
- Name:** A text box containing '/CustomerScoreCard/Application1'.
- Description- Optional:** An empty text box.
- Tier:** Two radio buttons: 'Standard' (selected) and 'Advanced'.
- Type:** Three radio buttons: 'String', 'StringList', and 'SecureString' (selected).
- KMS key source:** Three radio buttons: 'My current account' (selected), 'Another account', and 'Another account'.

The right sidebar contains information about 'Parameter tiers' and 'Parameter policies'.

Here we need to give the value of the parameter and click on create parameter

The screenshot shows the 'Create parameter' page in the AWS Systems Manager console, with the 'Value' field filled in. The 'Value' field contains the text '404a08e0-77db-462f-81ba-546d0f84552'. The 'Create parameter' button is highlighted in orange. The 'KMS Key ID' field is set to 'alias/aws/ssm'.

Here the list of some parameters which we created.



	Name	Tier	Type	Description	Key ID	Version	About to expire in	Last modified	Last modified user
<input type="checkbox"/>	/Customer ScoreCard/ Application Id	Standard	SecureString	-	alias/aws/s sm	1	-	Tue, 03 Dec 2019 13:12:05 GMT	role/AWSReservedSSO_AWSPowerUserAccess_250b81458cac5df9/mbhasuri@AMERICOLD.COM
<input type="checkbox"/>	/Customer ScoreCard/ Application Secret	Standard	SecureString	-	alias/aws/s sm	1	-	Tue, 03 Dec 2019 13:12:27 GMT	arn:aws:sts::646632670602:assumed-role/AWSReservedSSO_AWSPowerUserAccess_250b81458cac5df9/mbhasuri@AMERICOLD.COM
<input type="checkbox"/>	/Customer ScoreCard/ GroupId	Standard	SecureString	-	alias/aws/s sm	1	-	Tue, 03 Dec 2019 13:22:22 GMT	arn:aws:sts::646632670602:assumed-role/AWSReservedSSO_AWSPowerUserAccess_250b81458cac5df9/mbhasuri@AMERICOLD.COM