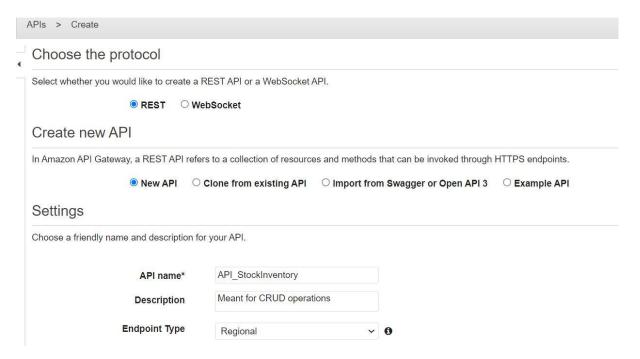
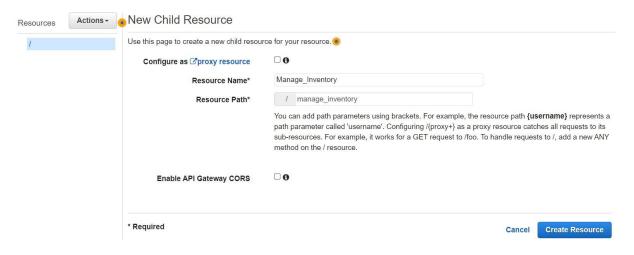
## API gateway: Create an API gateway, choosing 'REST API' as API type.



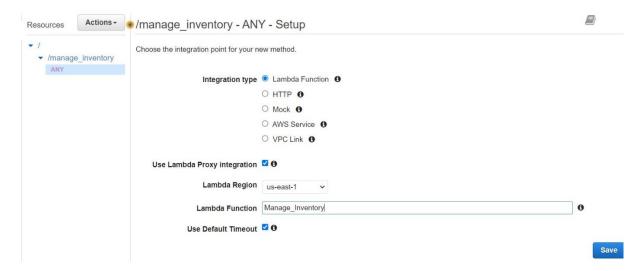
• Now navigate to API we created. In 'Resources' tab under 'Actions' you can see options '**Create Resources'** to create child resource



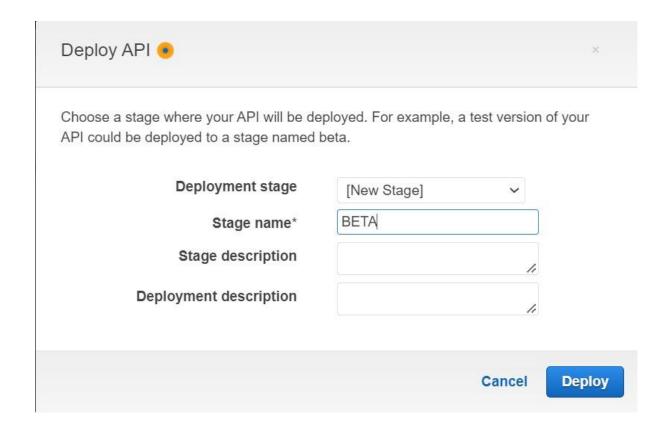
• Create a method 'ANY' under resource we created using option 'Action'.



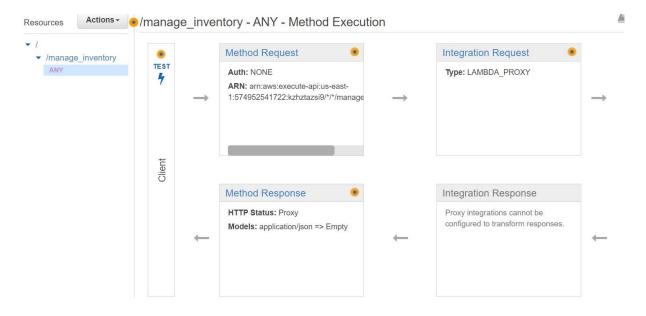
• Integrate the Lambda function with the method('ANY') we created as like below.



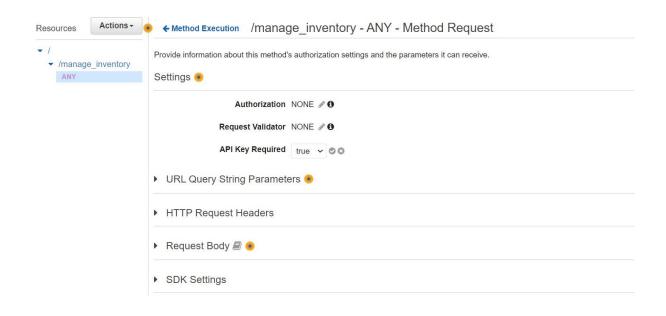
• Deploy the API with the stage name say 'BETA', using option 'Action'.



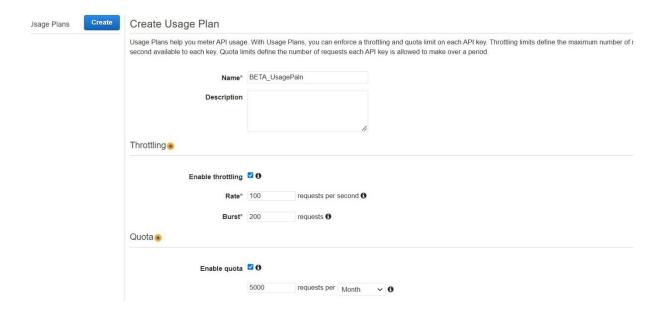
• Now set API key authentication for the method we created. Navigate to method('ANY') we created.



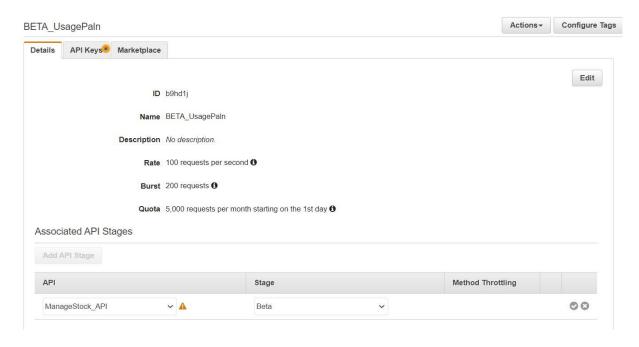
• Click 'Method Request' option and set 'API Key Required' as 'true'.



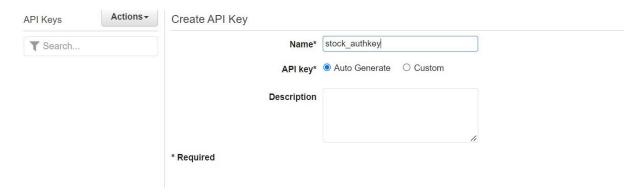
• Create a usage plan in 'Usage plan' tab as like below for setting quota limit to our API key.



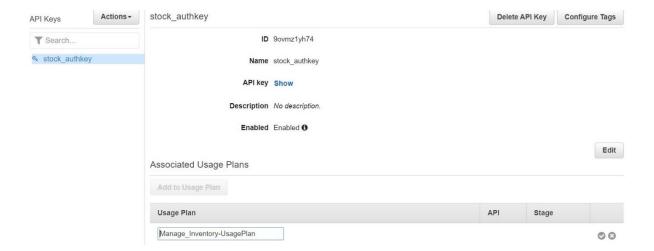
• Map our API with the usage plan created as like below.



Now create an API key in 'API keys' tab.



• Map the Usage Plan we created with the API key as like below.



• Redeploy the API to ensure the modifications done was made effective.

