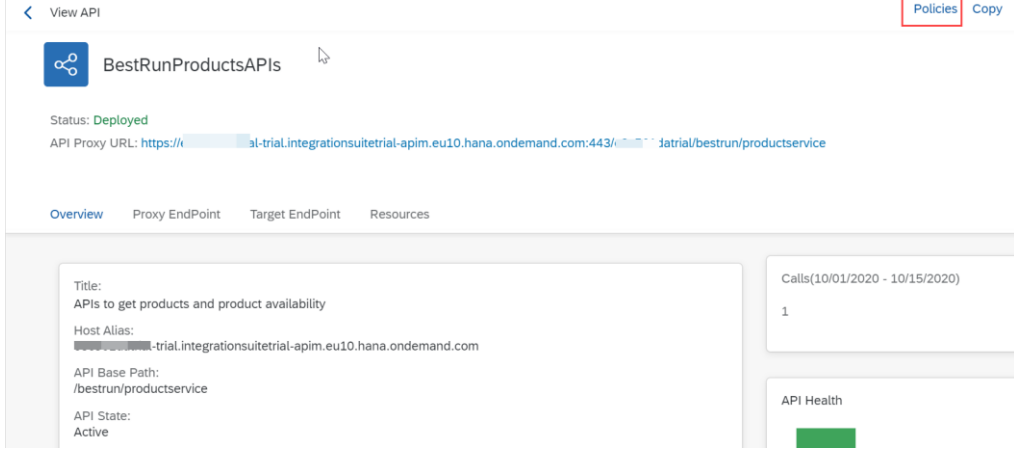
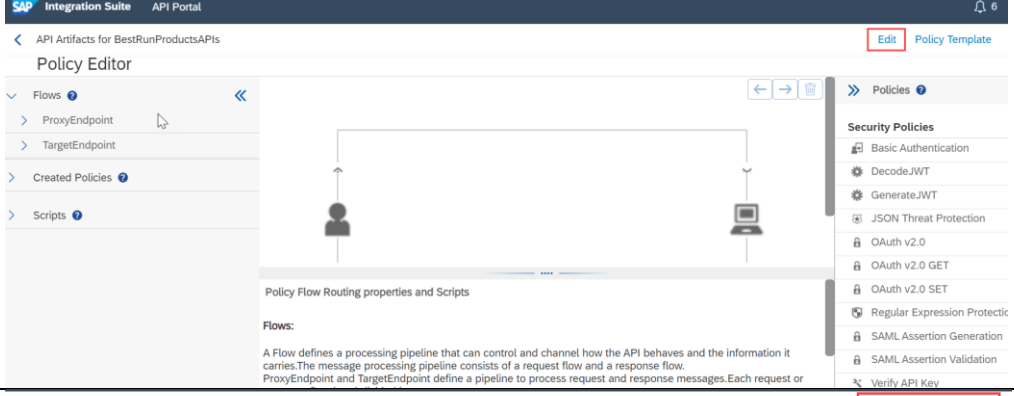
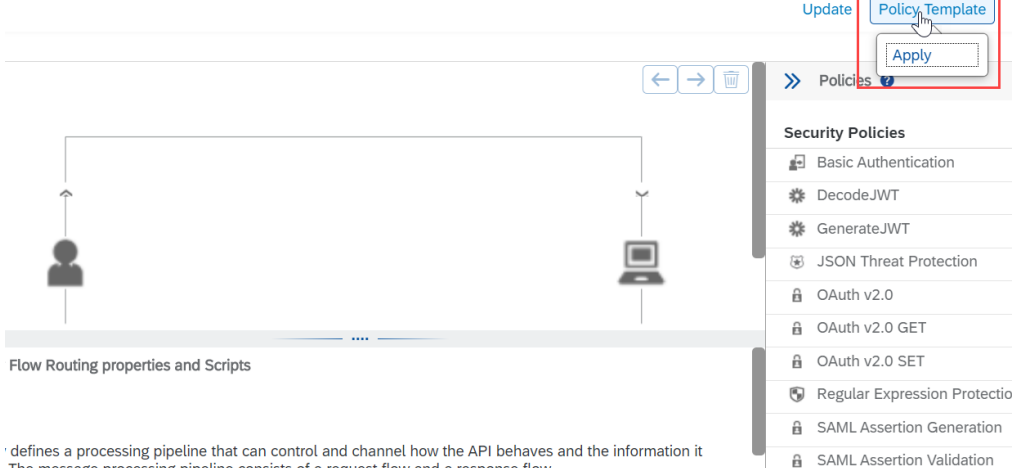


Exercise 1.2 - Add Corporate Governance Policy

Step	Explanation	Screenshot
1	<p>Open API Proxy BestRunProductAPIs to add policies for BestRun IT Governance</p> <p>Click on Policies to open Policy Designer</p>	
2.	<p>Click Edit to and then to enter into edit mode.</p>	
3.	<p>Click on Policy Template then select Apply to view all the available policy templates</p>	

4

BestRunITGovernancePolicy template contains policies like Quota, Spike, Verify API Key as defined by the BestRun IT team

Select

☐ BestRunITGovernancePolicy

Apply Template

Name

☐ BestRunITGovernancePolicy

>

☐ SAPCloudIntegration

>

Copy Only

Apply

Cancel

5

Click to **Apply** to apply the selected policy template to your API Proxy.

Apply Template

Name

☒ BestRunITGovernancePolicy

>

☐ SAPCloudIntegration

>

Copy Only

Apply

Cancel

6

The selected policy template is applied on the ProxyEndpoint PreFlow

Click **PreFlow**

< API Artifacts for BestRunProductsAPIs

Policy Editor

Flows

ProxyEndpoint

PreFlow

PostFlow

Products

DefaultFaultFlow

4

0

0

1

TargetEndpoint

Created Policies

Scripts

+

?

+

checkAPIKey

checkQuota

checkspike


removeAPIKey

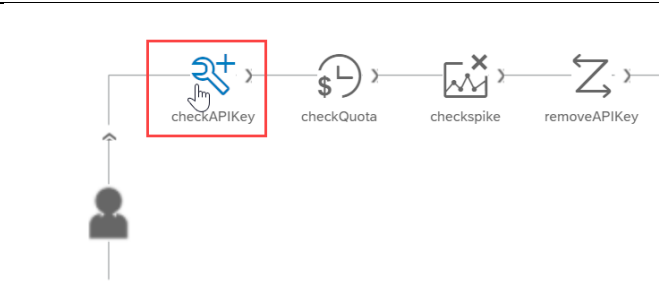
Policy Flow Routing properties and Scripts

Flows:

7

You can select the applied policies from the policy flow diagram to view the policy details.

Click  to view check api key policy details.



checkAPIKey

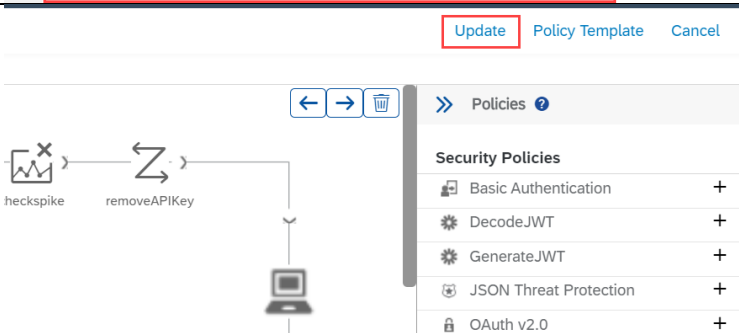
Condition String

```
1 <!--Specify in the APIKey element where to look for the variable containing
2 <VerifyAPIKey async='true' continueOnError='false' enabled='true'
3 xmlns='http://www.sap.com/apimgmt'>
4 <APIKey ref='request.header.apikey' />
5 </VerifyAPIKey>
```

8

Click [Update](#) to update the policy changes

[Update](#) [Policy Template](#) [Cancel](#)



checkspike removeAPIKey

[Policies](#)

Security Policies

- Basic Authentication +
- DecodeJWT +
- GenerateJWT +
- JSON Threat Protection +
- OAuth v2.0 +

9

Click [Save](#) to persist the changes.

View API

[Save](#) [Cancel](#)

BestRunProductsAPIs

Status: Deployed

API Proxy URL: <https://e3c561datrial-integrationsuitetrial-apim.eu10.hana.ondemand.com:443/e3c561datrial/bestrun/productservice>

Overview Proxy EndPoint Target EndPoint Resources

10

Click [Try out](#) to test the products resource.

BestRunProductsAPIs

Overview Proxy EndPoint Target EndPoint Resources

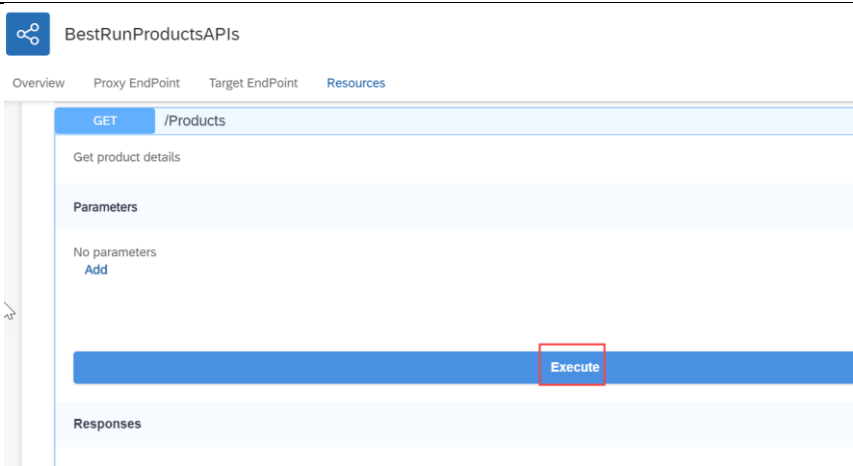
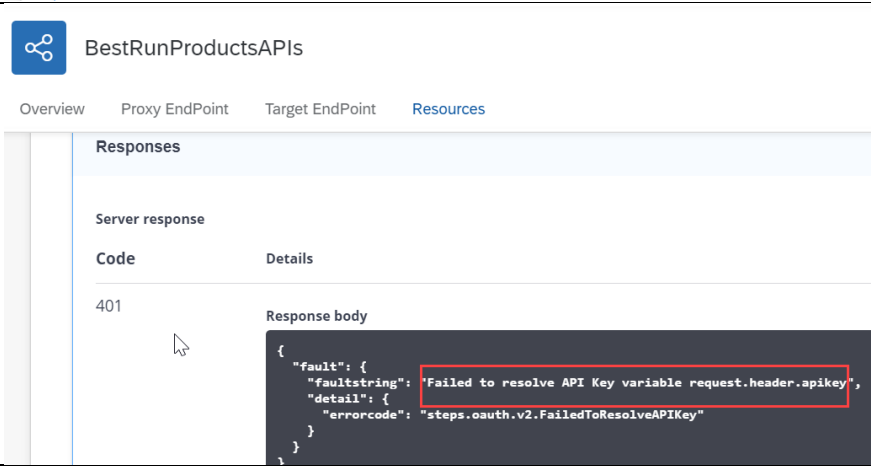
Resources

products

GET /Products

Get product details

[Try out](#)

11	Click Execute to test the API Proxy	 The screenshot shows the SAP Cloud Application Programming model interface for 'BestRunProductsAPIs'. It displays the 'Overview' tab for the endpoint 'GET /Products'. The description is 'Get product details'. There are no parameters. A blue 'Execute' button is highlighted with a red box.
12	The API key policy of the BestRun IT policy templates is applied and since no API Key was passed in the header named apikey, the call will return in an error "Failed to resolve API Key variable"	 The screenshot shows the 'Responses' tab for the endpoint 'GET /Products'. It displays a 'Server response' with a 'Code' of 401 and a 'Response body' containing an error message: 'Failed to resolve API Key variable request.header.apikey'. The error message is highlighted with a red box.
	Congratulation, you have successfully applied the BestRun IT governance policy to your microservices built using SAP Cloud Application Programming model.	

Continue to [Exercise 2.1 - Manage REST APIs from SAP Cloud Platform Integration](#)