


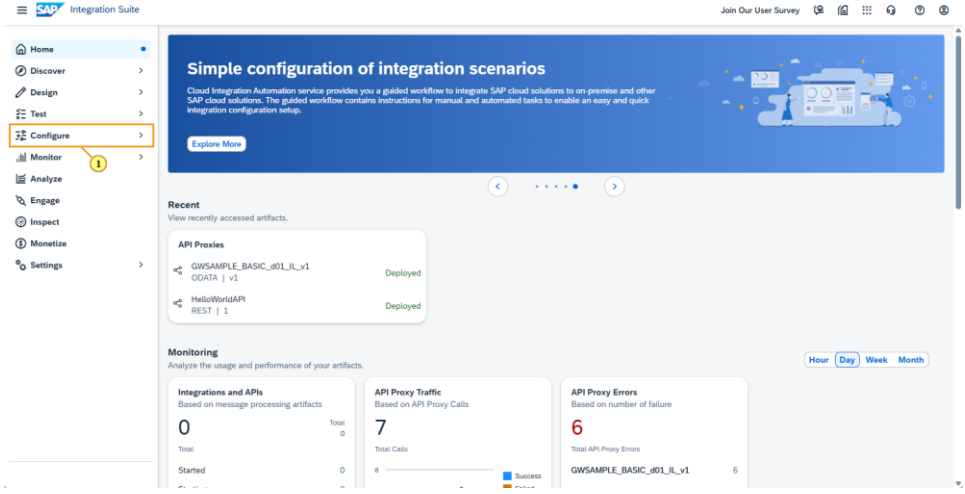
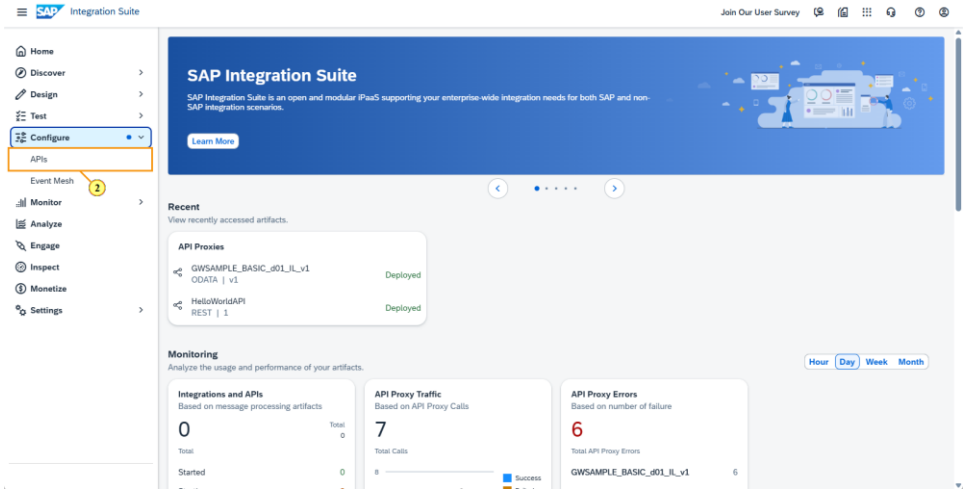
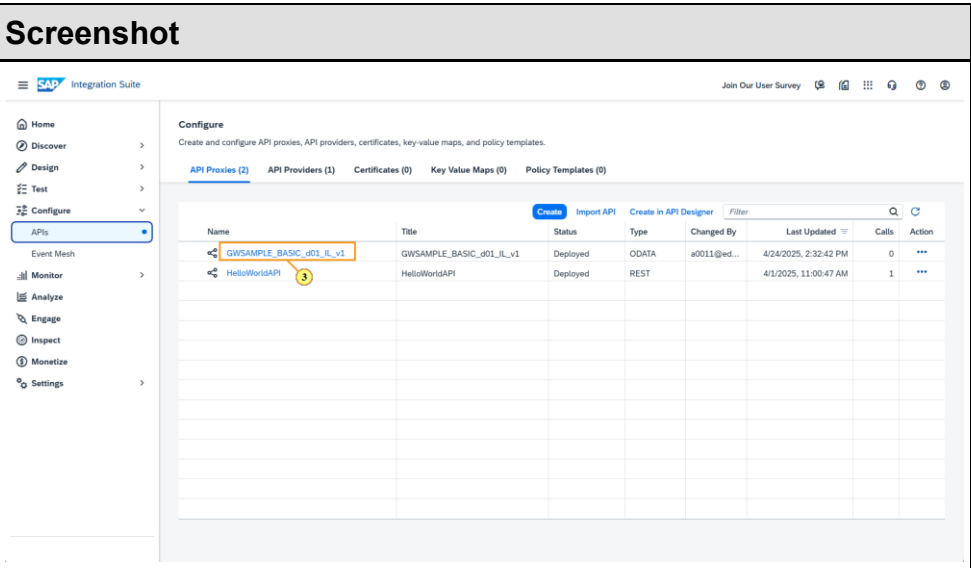
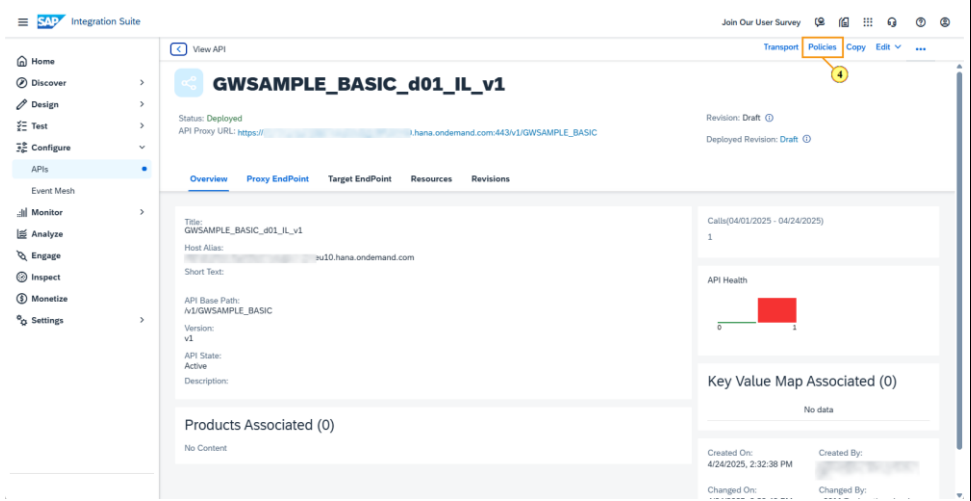
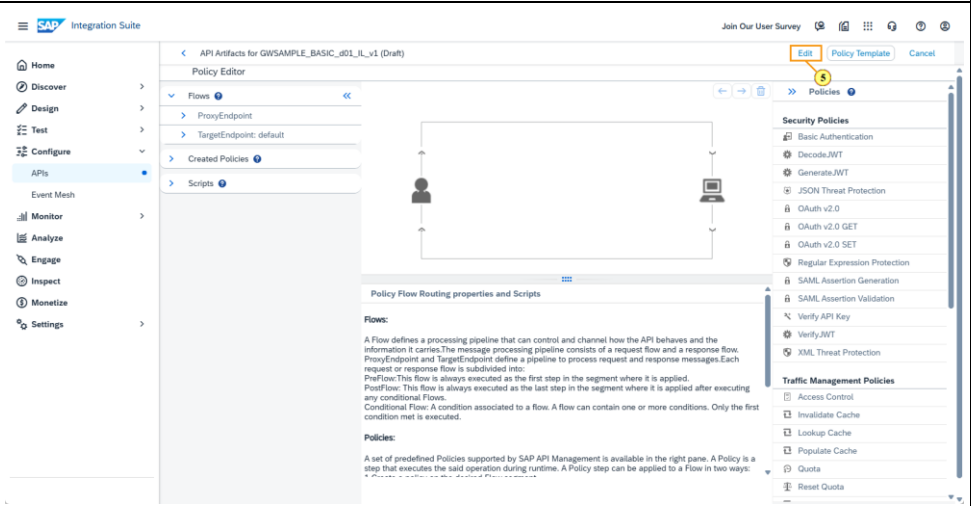

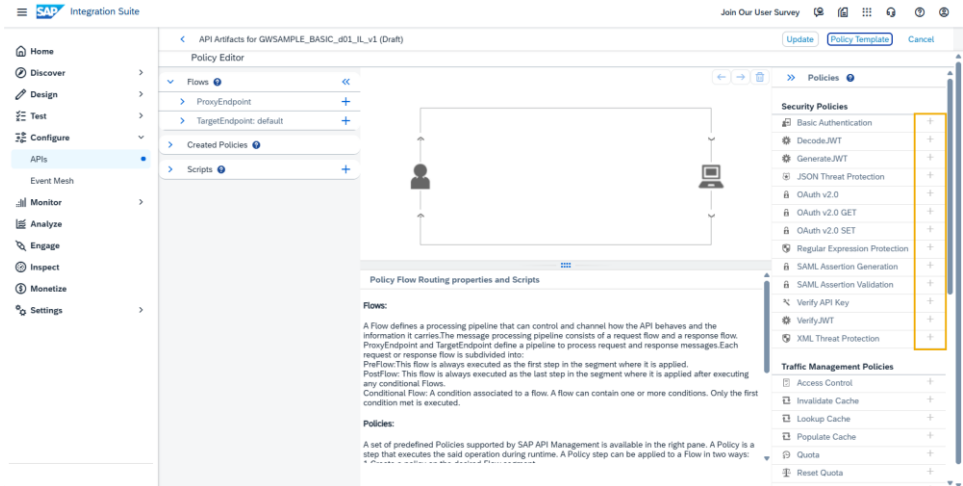
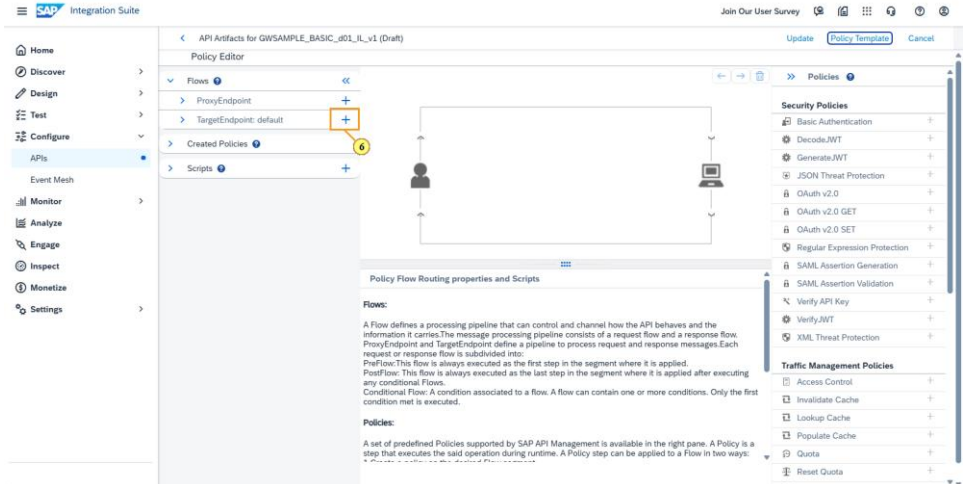
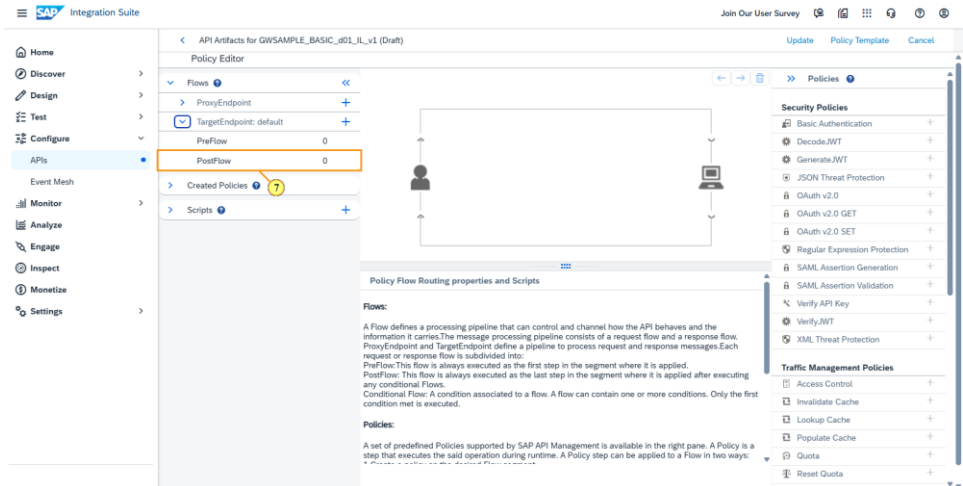

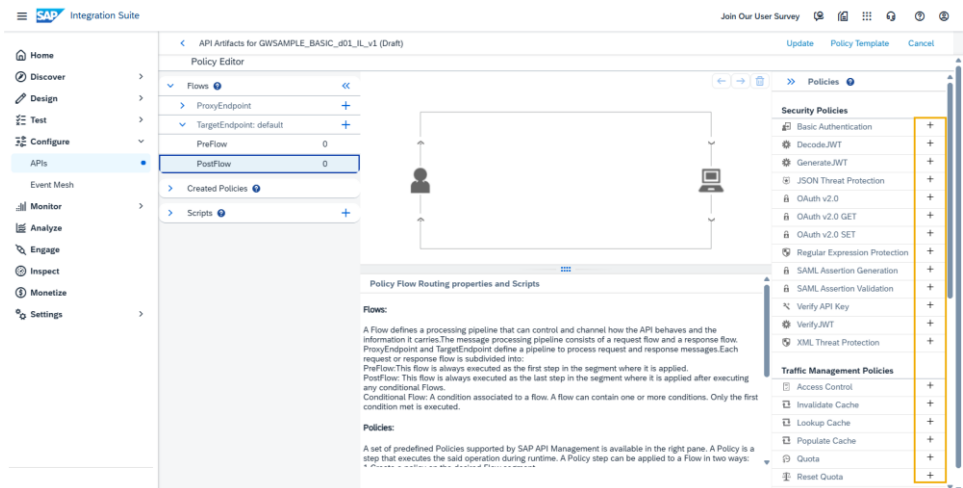
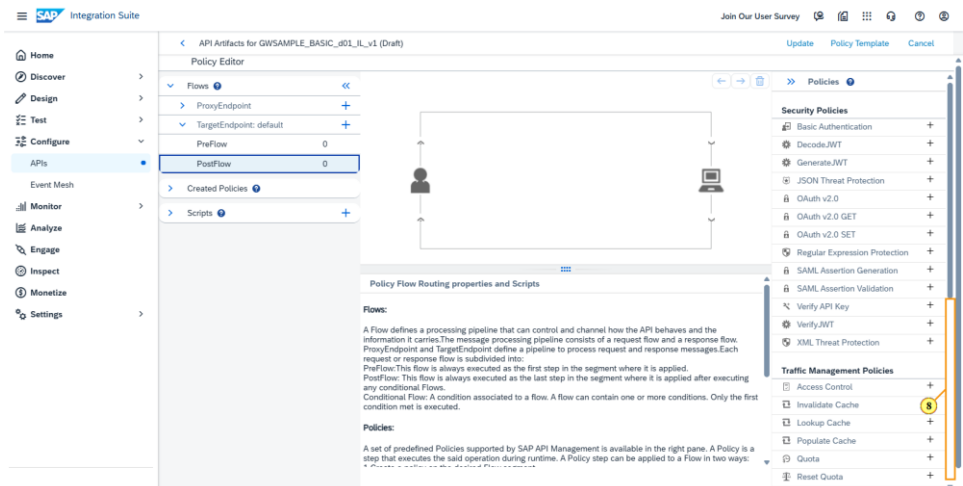
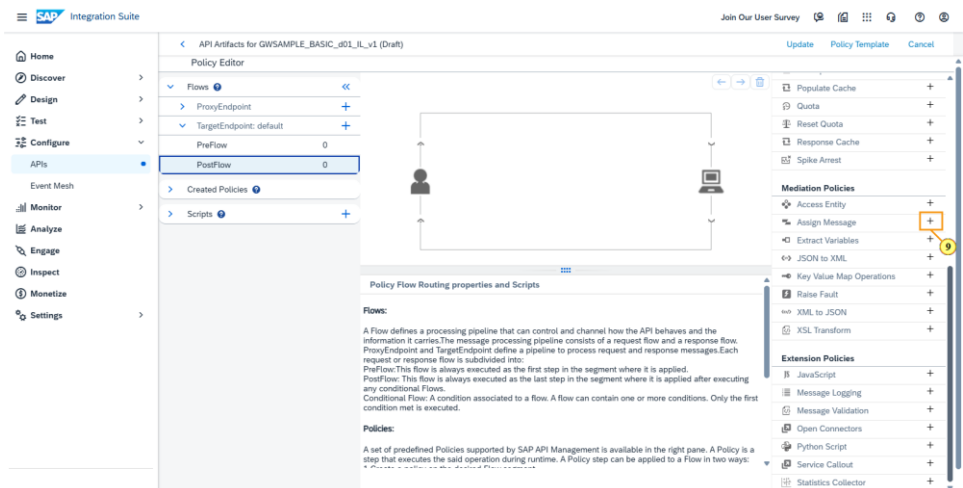


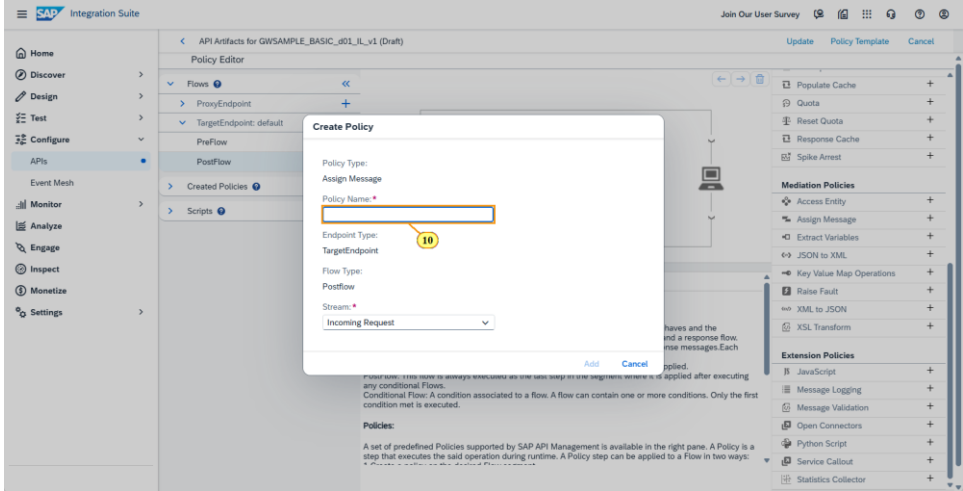
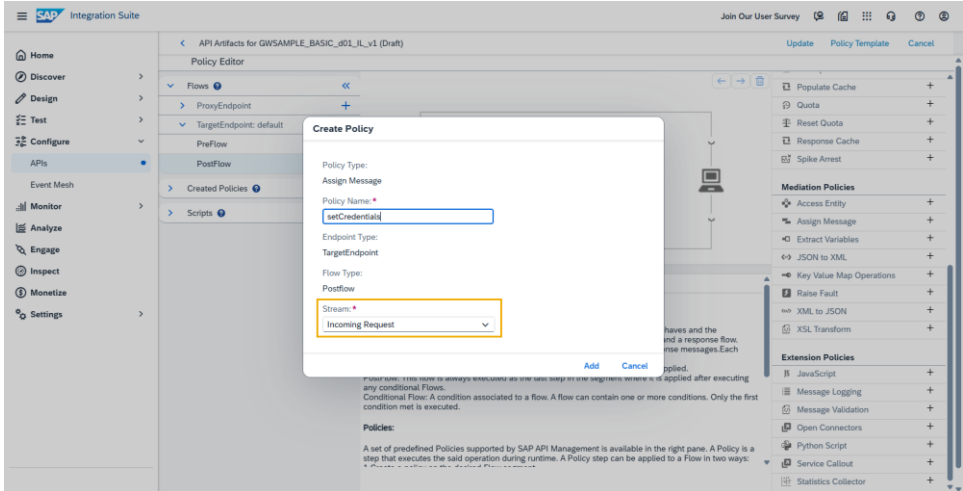
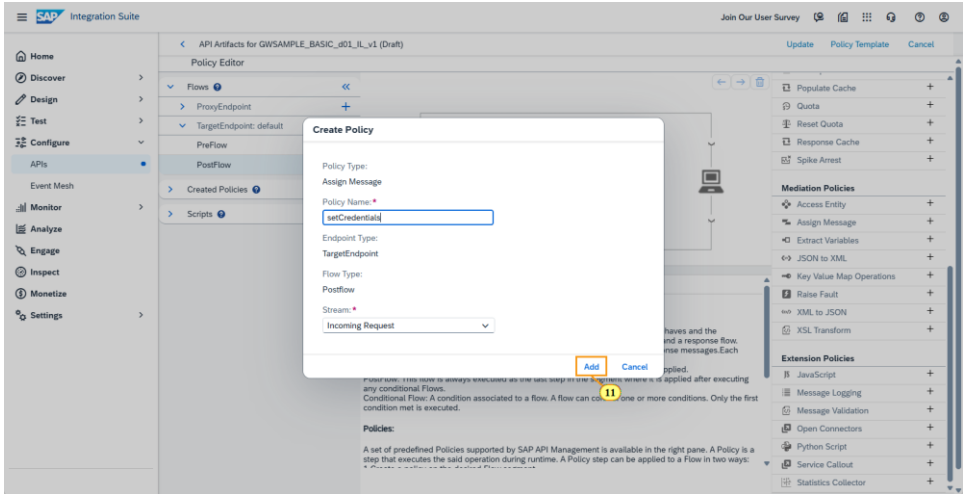
Add Policies for Basic Authentication Against the ES5 Demo System


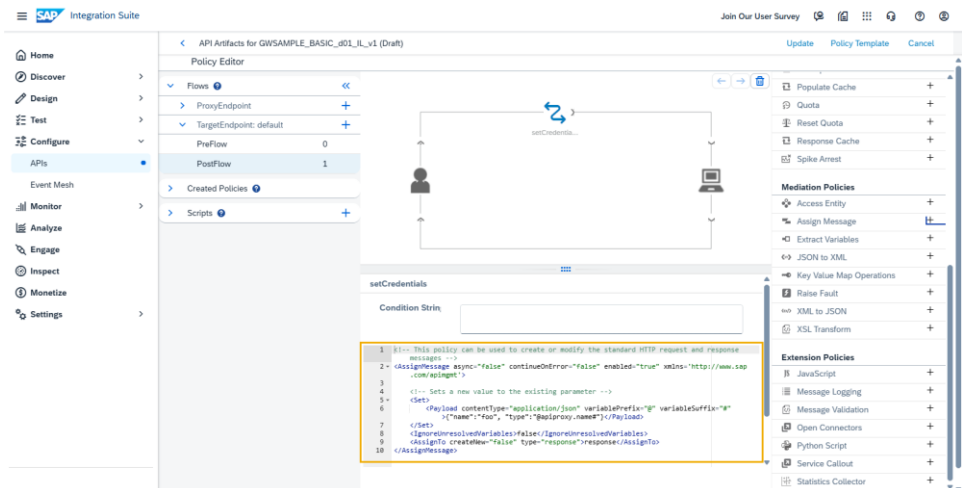
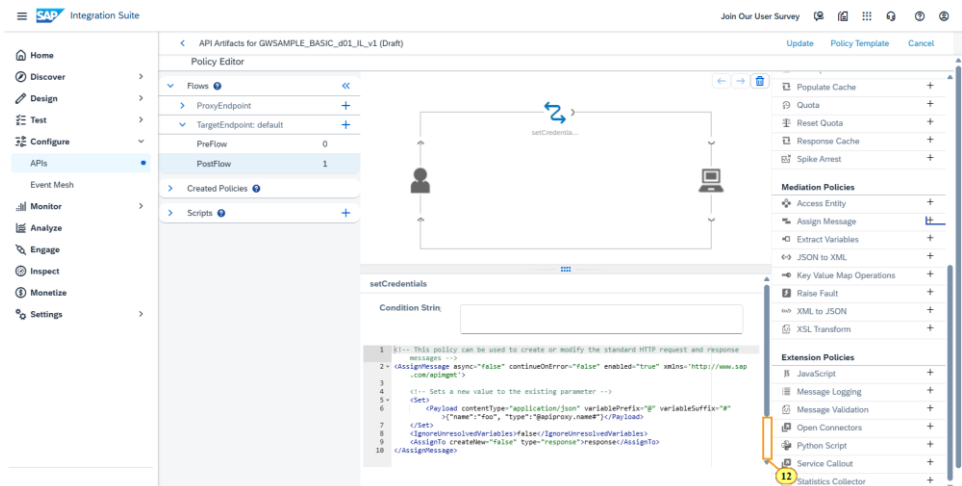

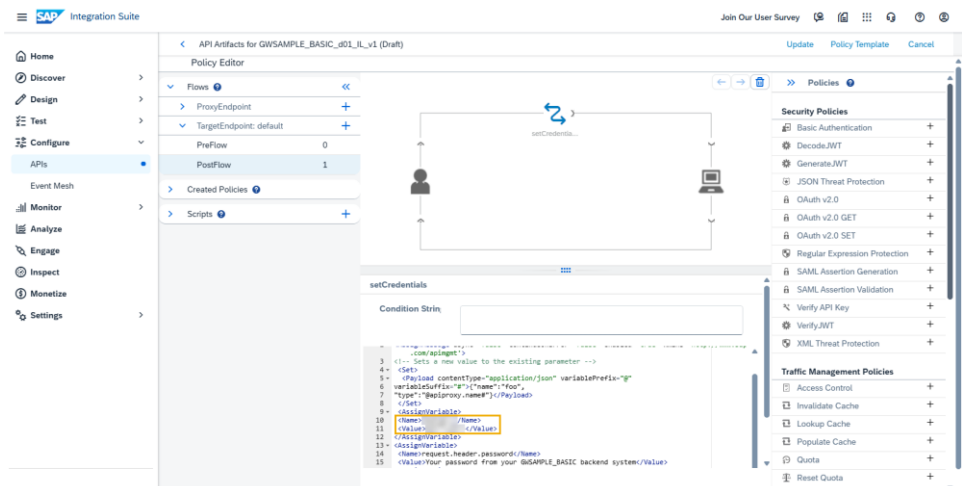
Explanation	Screenshot
<p> To use the interfaces in API management, authentication against the source interface is necessary, which is accomplished through a policy implementation.</p> <p> In this exercise, you will add policies for basic authentication against the ES5 demo system.</p> <p> In the following steps, you will add the message policy.</p> <p>1. Choose <i>Configure</i>.</p>	 <p>The screenshot shows the SAP Integration Suite dashboard. The left sidebar contains a menu with the following items: Home, Discover, Design, Test, Configure (highlighted with an orange box and a yellow circle with the number 1), Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The main content area displays a 'Simple configuration of integration scenarios' banner, a 'Recent' section with 'API Proxies' (GWSAMPLE_BASIC_d01_IL_v1 and HelloWorldAPI), and a 'Monitoring' section with 'Integrations and APIs', 'API Proxy Traffic', and 'API Proxy Errors'.</p>
<p>2. Choose <i>APIs</i>.</p>	 <p>The screenshot shows the SAP Integration Suite dashboard. The left sidebar contains a menu with the following items: Home, Discover, Design, Test, APIs (highlighted with an orange box and a yellow circle with the number 2), Event Mesh, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The main content area displays a 'SAP Integration Suite' banner, a 'Recent' section with 'API Proxies' (GWSAMPLE_BASIC_d01_IL_v1 and HelloWorldAPI), and a 'Monitoring' section with 'Integrations and APIs', 'API Proxy Traffic', and 'API Proxy Errors'.</p>


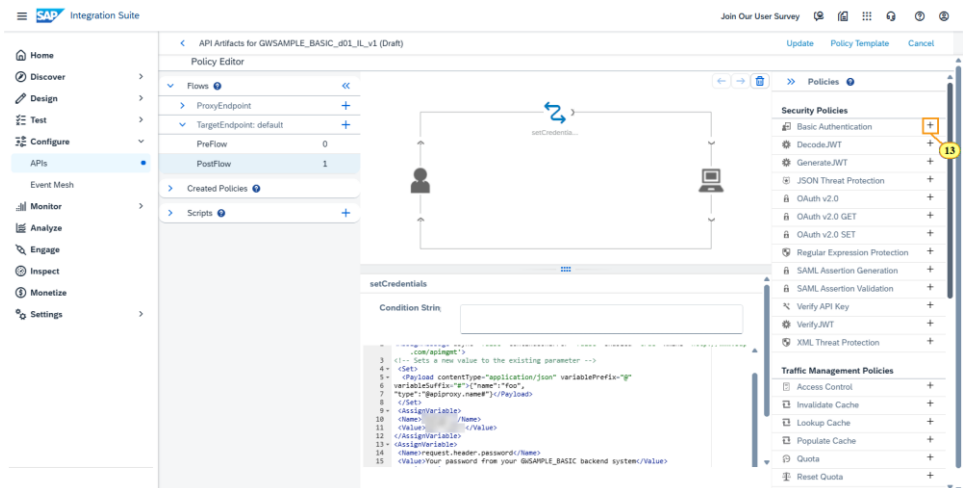
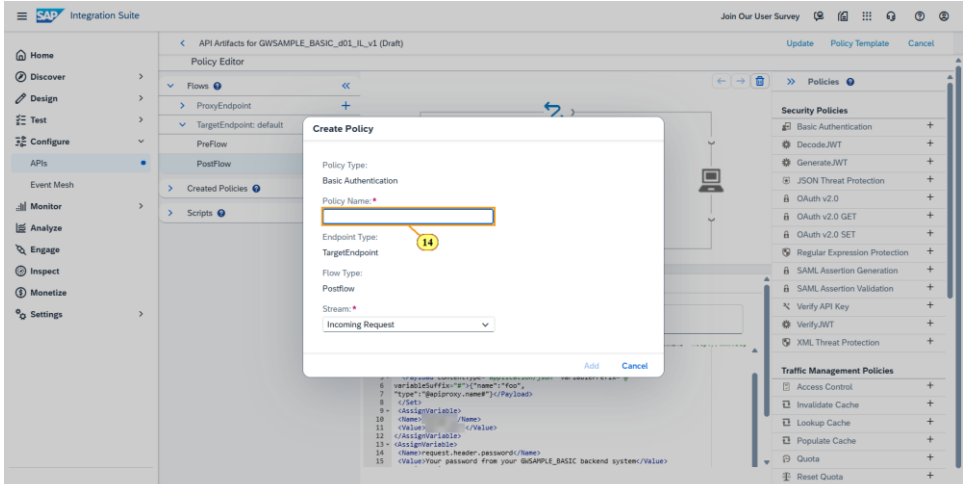

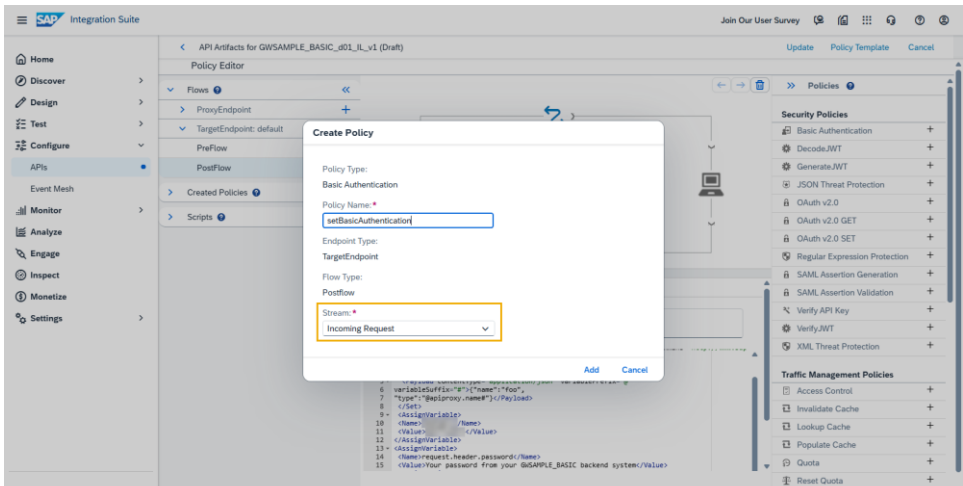
Explanation	Screenshot
3. Choose GWSAMPLE_BASIC_d01_IL_v1 .	 <p>The screenshot shows the 'Configure' page in the SAP Integration Suite. On the left is a navigation menu with options like Home, Discover, Design, Test, Configure, APIs, Event Mesh, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The 'Configure' section is active, showing a table of API Proxies. The table has columns: Name, Title, Status, Type, Changed By, Last Updated, Calls, and Action. The first row is highlighted with a yellow box and a red circle with the number 3, indicating the selection of 'GWSAMPLE_BASIC_d01_IL_v1'.</p>
4. Choose Policies .	 <p>The screenshot shows the 'View API' page for 'GWSAMPLE_BASIC_d01_IL_v1'. The 'Policies' tab is selected and highlighted with a red circle and the number 4. The page displays details about the API, including its status (Deployed), API Proxy URL, and various tabs like Overview, Proxy Endpoint, Target Endpoint, Resources, and Revisions. On the right, there's a section for 'API Health' with a red bar chart and a 'Key Value Map Associated (0)' section.</p>
5. Choose Edit .	 <p>The screenshot shows the 'Policy Editor' page. The 'Edit' button is highlighted with a red circle and the number 5. The page displays a diagram of the policy flow and a list of policies on the right. The policies are categorized into Security Policies and Traffic Management Policies. The 'Security Policies' list includes Basic Authentication, DecodeJWT, GenerateJWT, JSON Threat Protection, OAuth v2.0, OAuth v2.0 GET, OAuth v2.0 SET, Regular Expression Protection, SAML Assertion Generation, SAML Assertion Validation, Verify API Key, VerifyJWT, and XML Threat Protection. The 'Traffic Management Policies' list includes Access Control, Invalidate Cache, Lookup Cache, Populate Cache, Quota, and Reset Quota.</p>

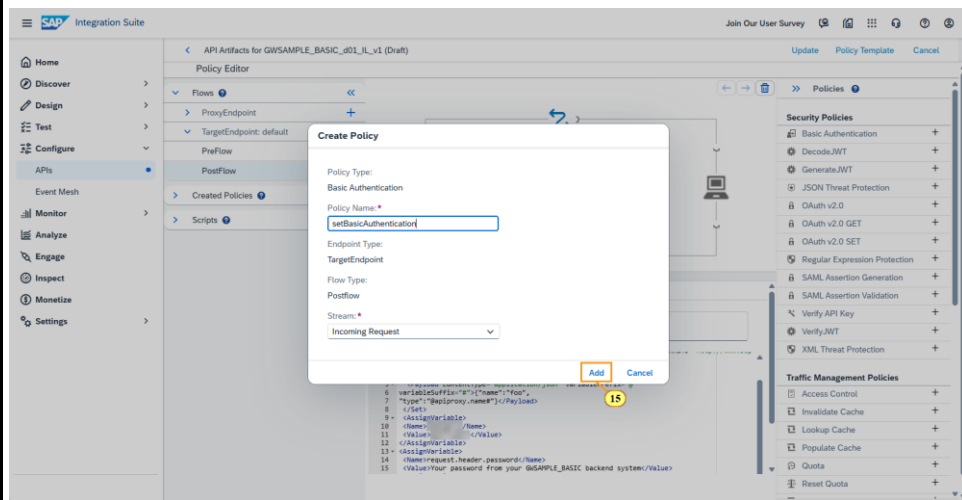
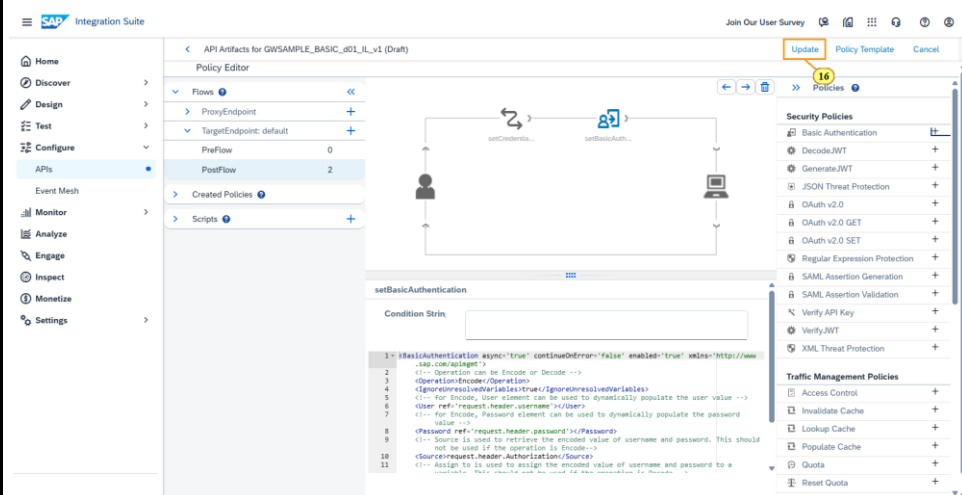
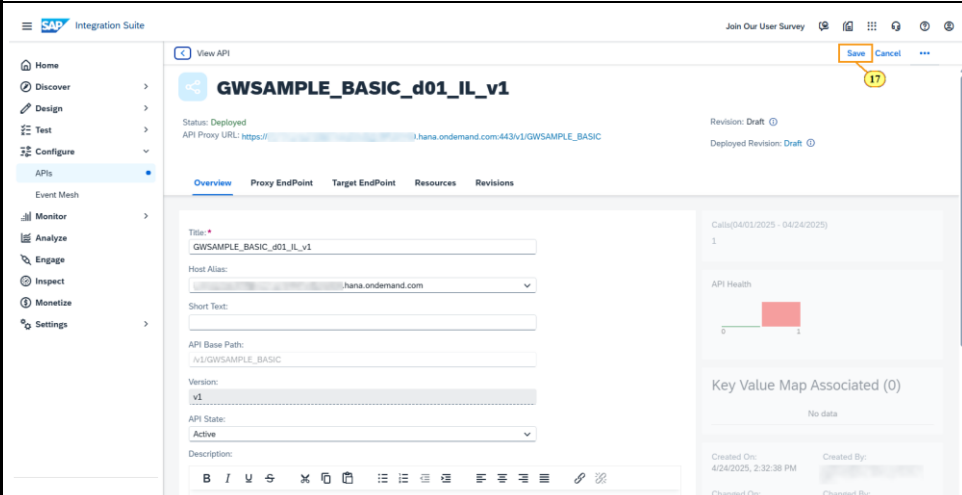
Explanation	Screenshot
<p></p> <p>Note: You can see the grey plus symbols under security policies.</p>	
<p>6. Choose <i>Target Endpoint</i>.</p>	
<p>7. Choose <i>PostFlow</i>.</p>	

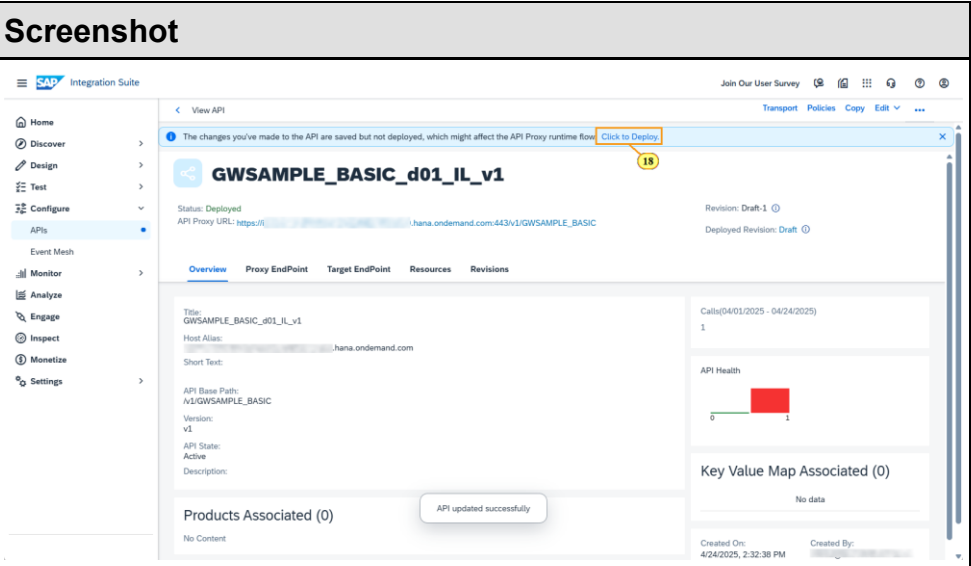
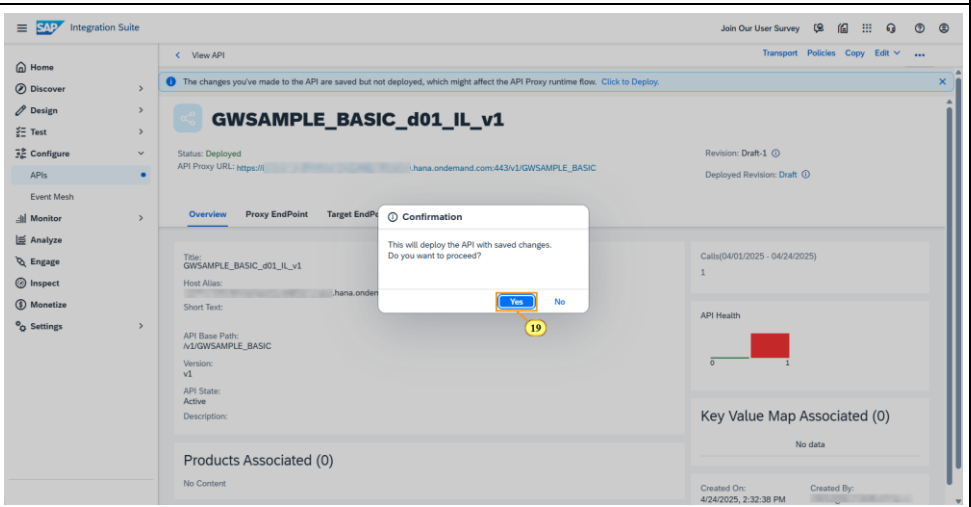

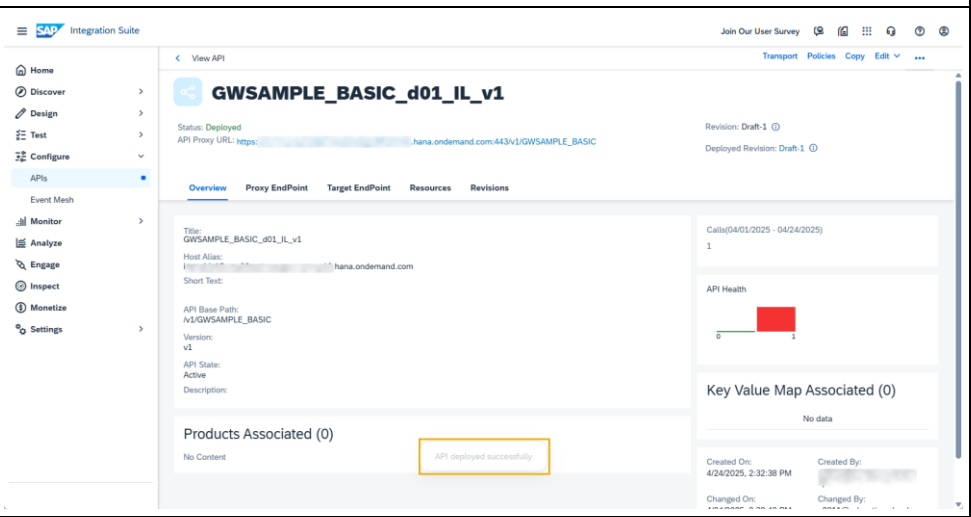
Explanation	Screenshot
<p> Note: The plus signs are now black and usable.</p>	
<p>8. Select the scroll bar to scroll down.</p>	
<p>9. Choose Assign Message.</p>	


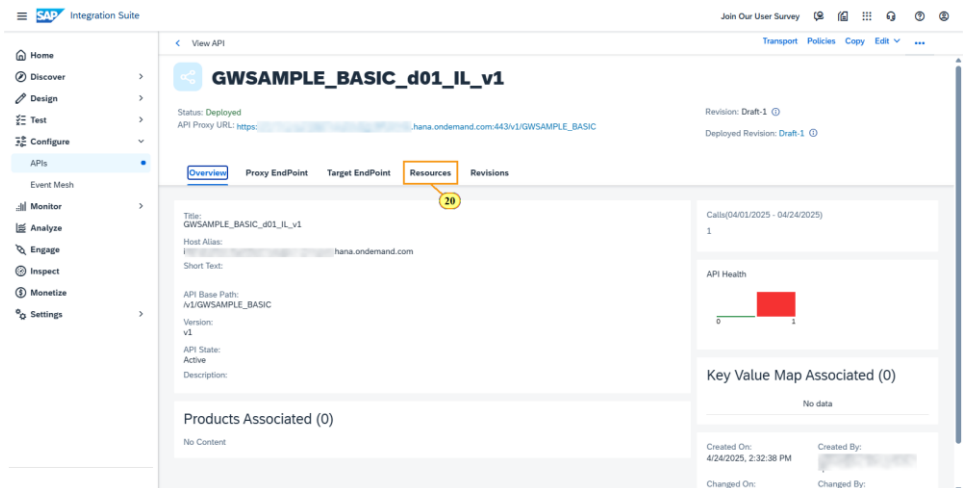
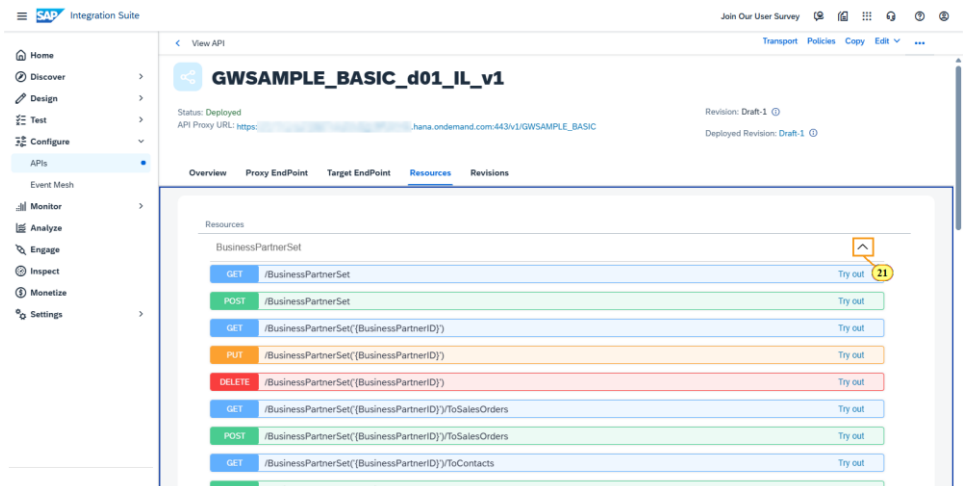
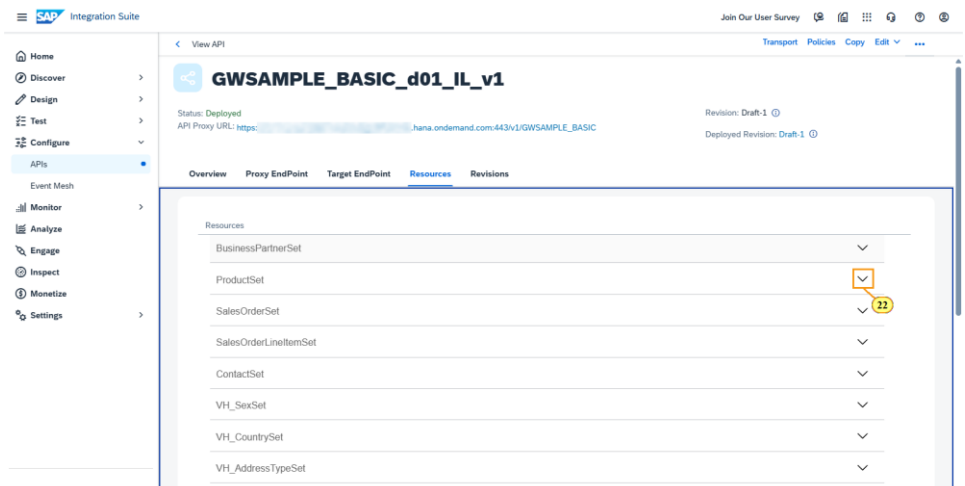
Explanation	Screenshot
<p>10. In the <i>Policy Name</i> field, enter setCredentials.</p>	
<p>Note: In the stream field, the Incoming Request is maintained by default.</p>	
<p>11. Choose Add.</p>	

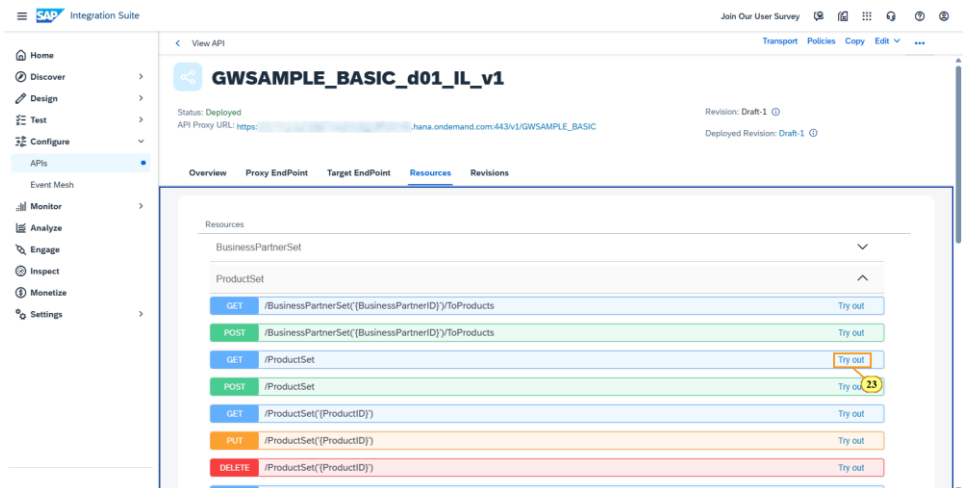
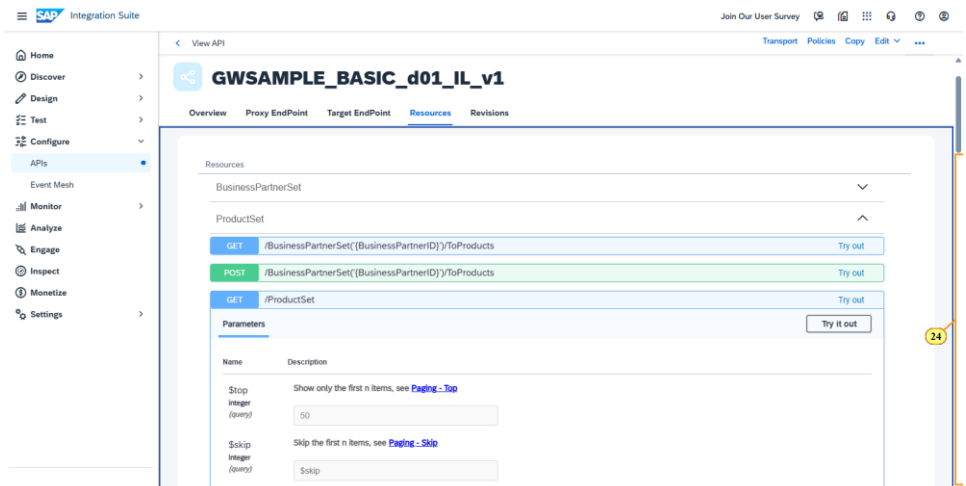
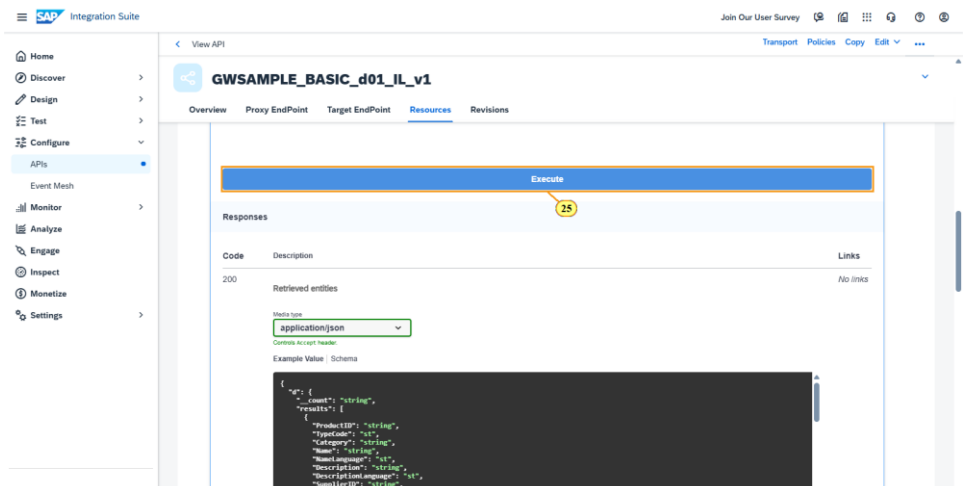
Explanation	Screenshot
<p> Note: In the XML editor, you will enter the following code via copy-paste.</p>	
<p>12. Select the scroll bar to scroll down.</p>	
<p> Note: Now, you have defined two variables, request.header.userName and the request.header.password.</p>	


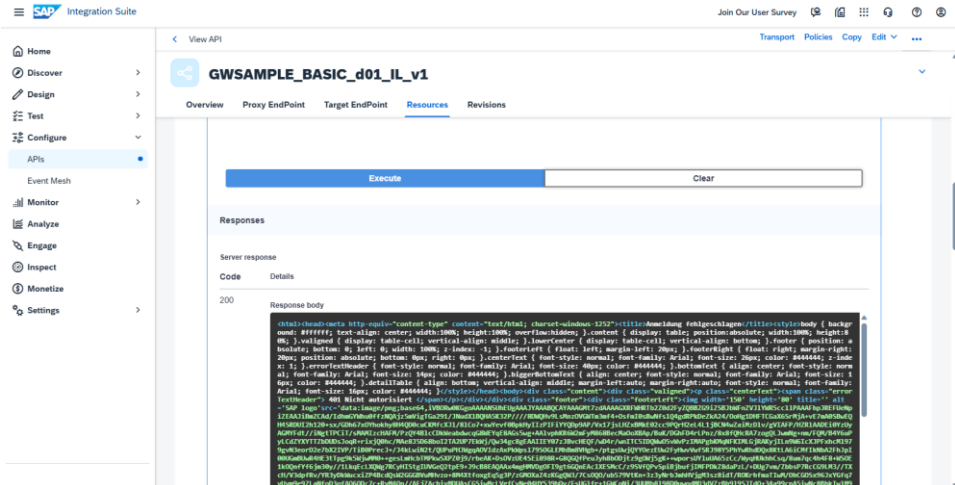

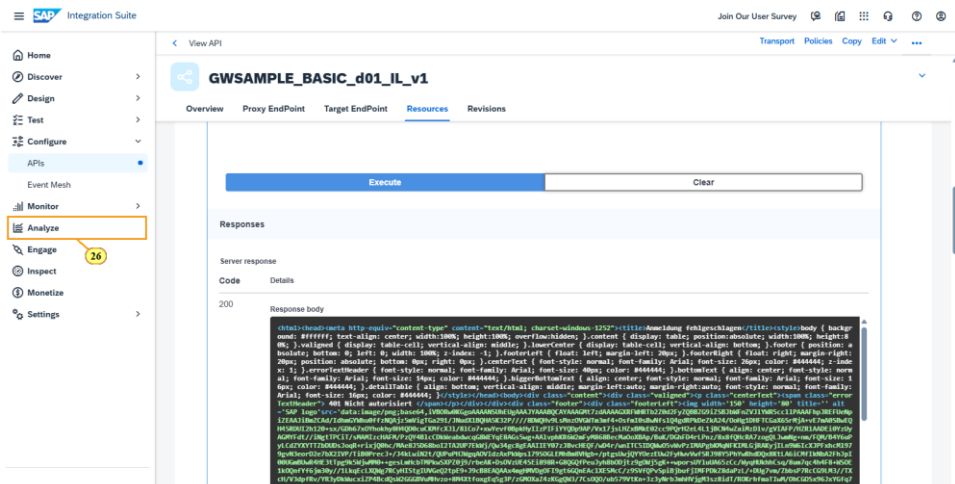


Explanation	Screenshot
<p></p> <p>In the following steps, you will add the basic authentication policy.</p> <p>13. Choose <i>Basic Authentication</i>.</p>	
<p>14. In the <i>Policy Name</i> field, enter setBasicAuthentication.</p>	
<p></p> <p>Note: In the stream field, the Incoming Request is maintained by default.</p>	

Explanation	Screenshot
15. Choose <i>Add</i> .	
16. Choose <i>Update</i> .	
17. Choose <i>Save</i> .	

Explanation	Screenshot
18. Choose <i>Click to Deploy</i> .	
19. Choose Yes.	
 Note the API deployed successfully.	

Explanation	Screenshot
<p></p> <p>In the following steps, you will test your policies.</p> <p>20. Choose <i>Resources</i>.</p>	
<p>21. To collapse the <i>BusinessPartnerSet</i> pane, choose the arrow.</p>	
<p>22. To expand the <i>ProductSet</i> pane, choose the arrow.</p>	

Explanation	Screenshot
<p>23. Choose <i>Try out</i> <i>GET/ProductSet</i>.</p>	
<p>24. Select the scroll bar to scroll down.</p>	
<p>25. Choose <i>Execute</i>.</p>	

Explanation	Screenshot
<p> Note: You receive an HTTP status Code with response 200 and the containing response body.</p>	
<p> In the following steps, you will monitor your API calls.</p> <p>26. Choose <i>Analyze</i>.</p>	
<p> Note: We use the API Analyze dashboard to examine the metrics of the API calls made so far. An extra app is available.</p> <p> You have now successfully added policies for basic authentication against the ES5 demo system.</p>	