


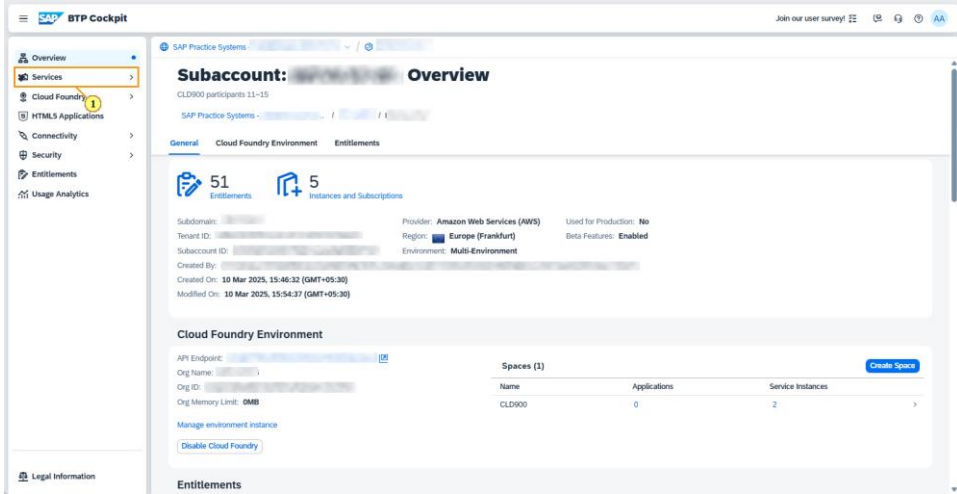
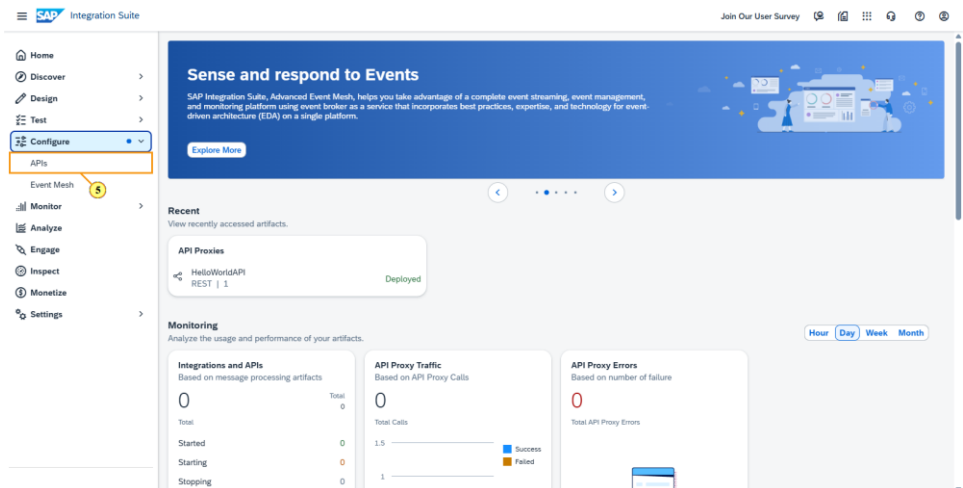
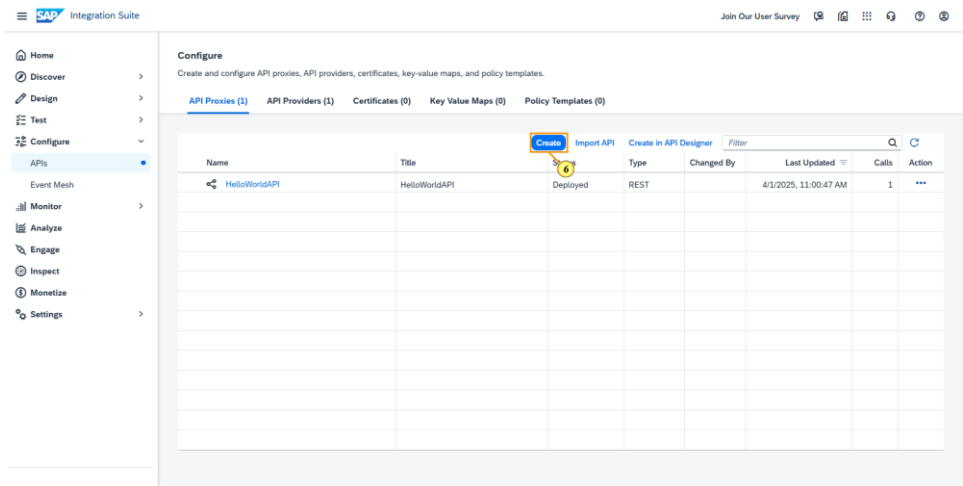

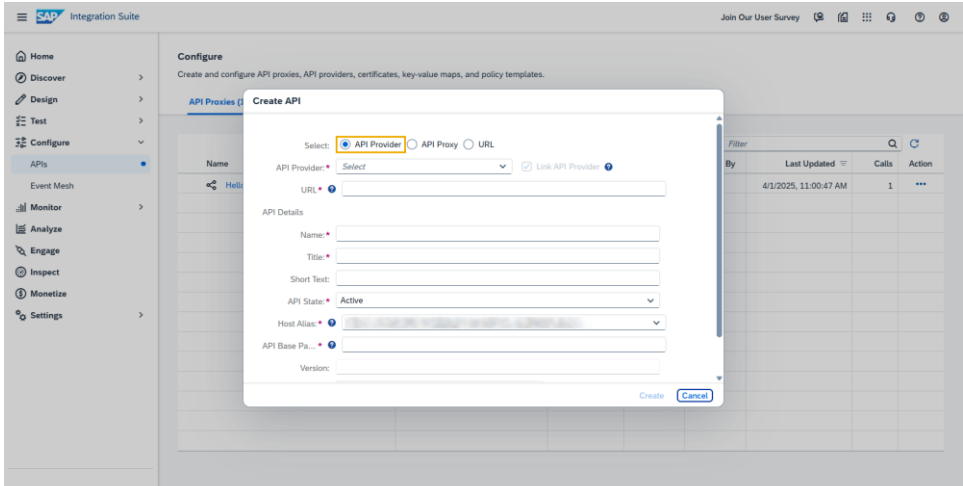
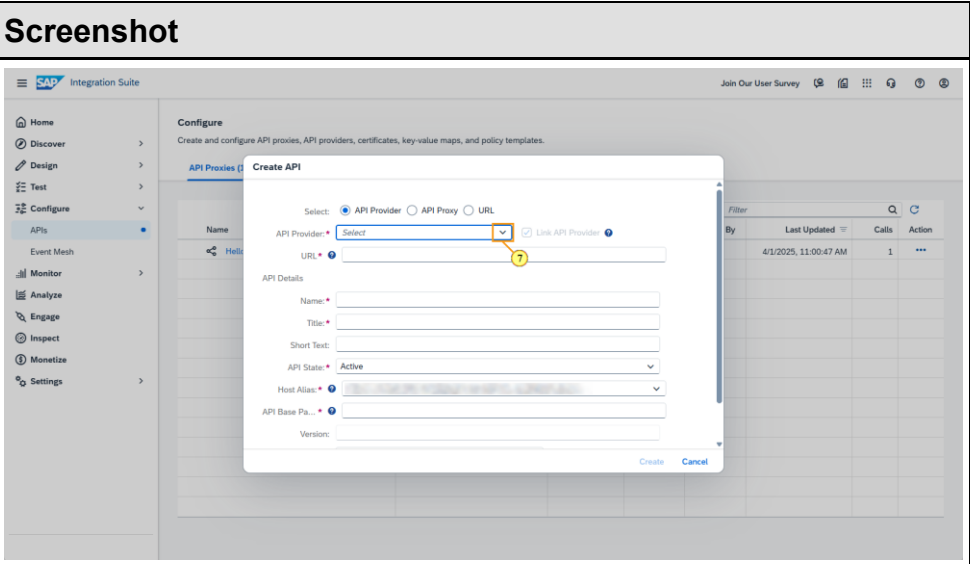
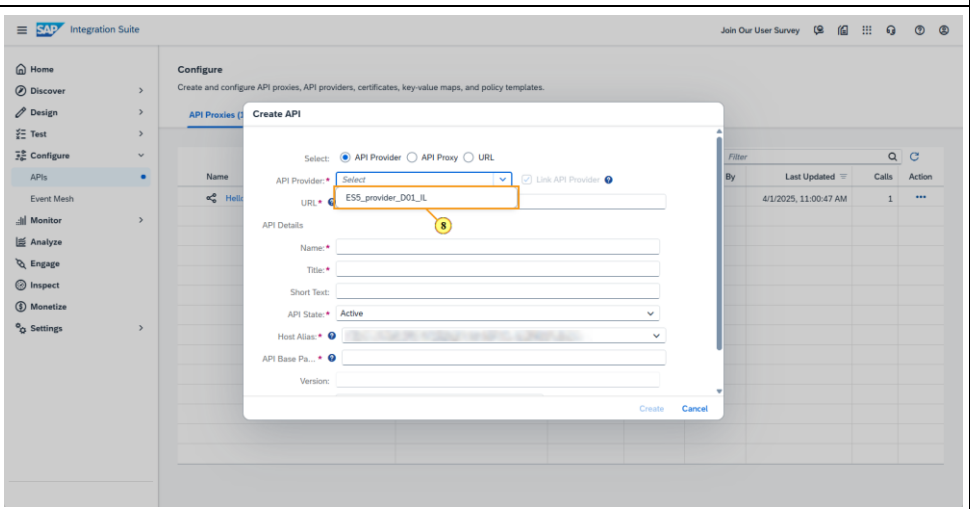
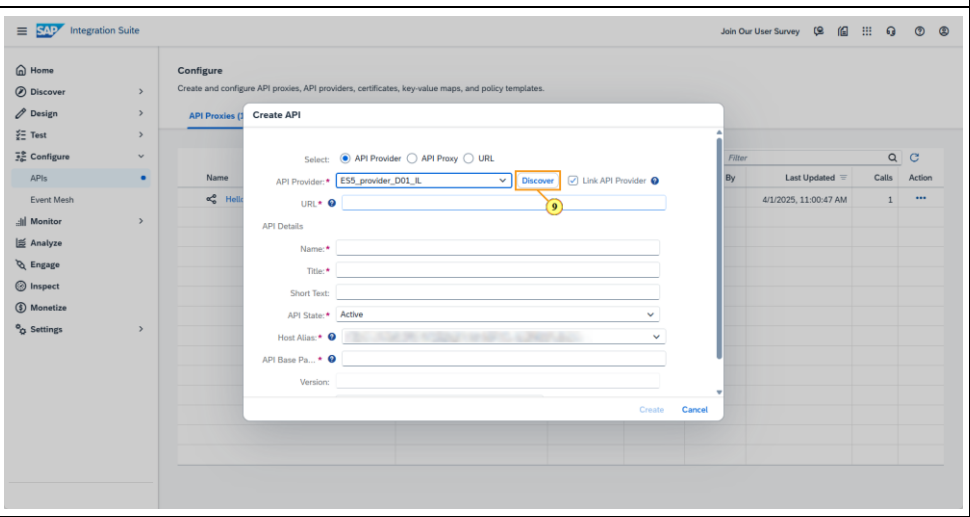


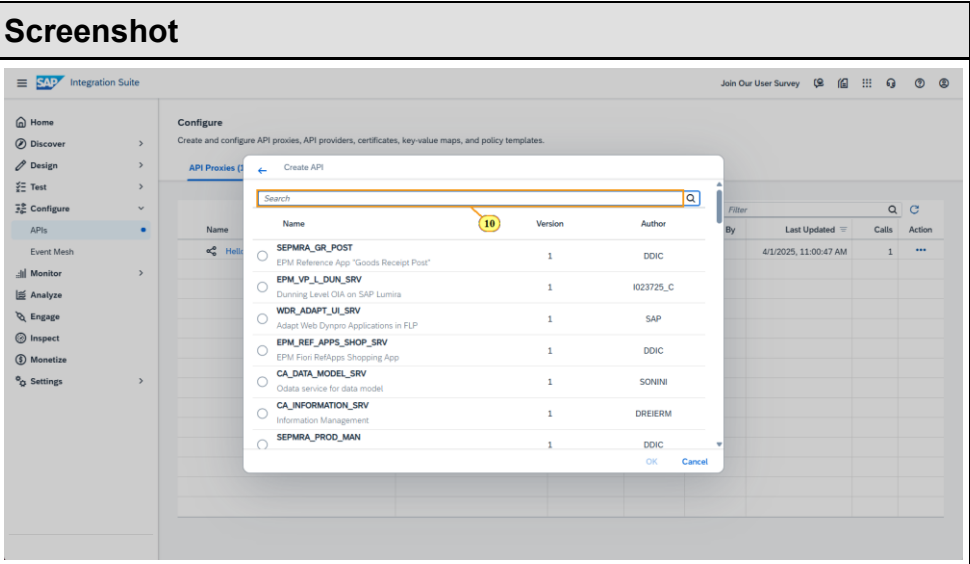
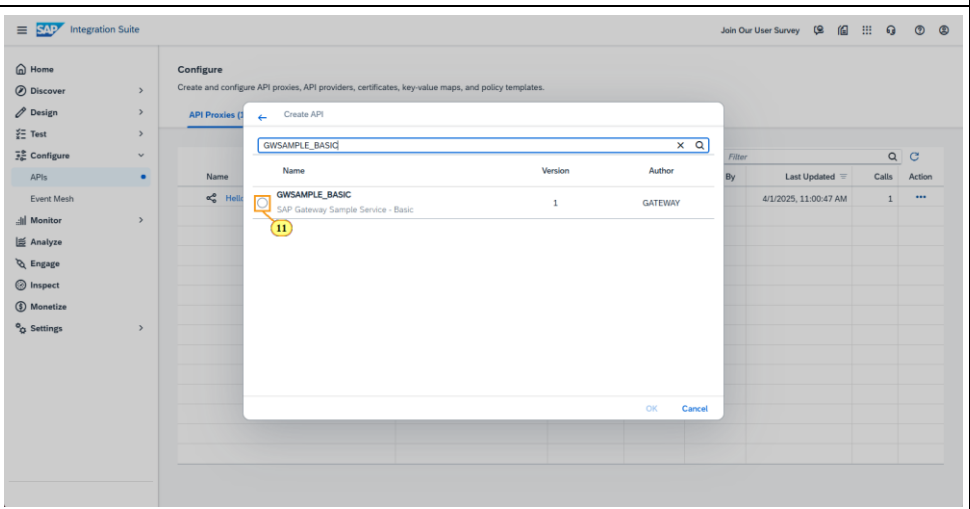
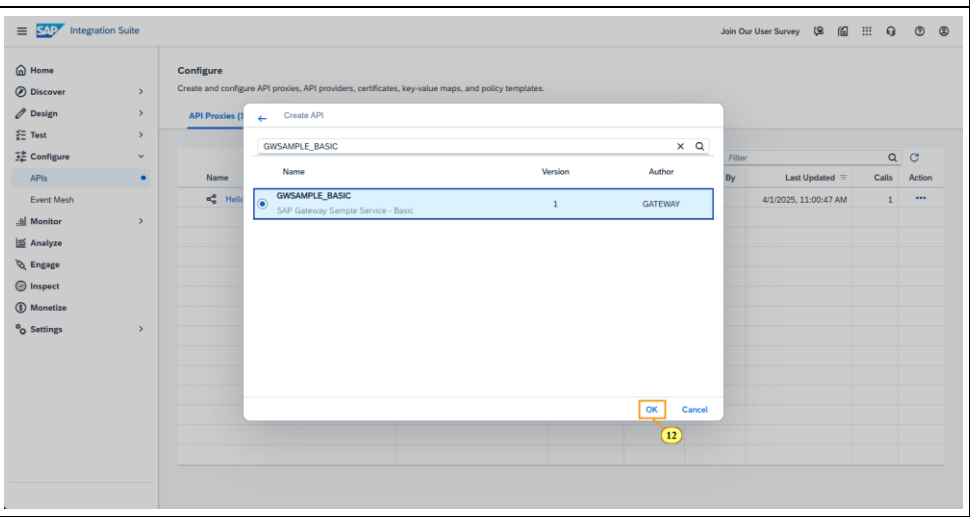
## Create an API Proxy Based on a Predefined API Provider

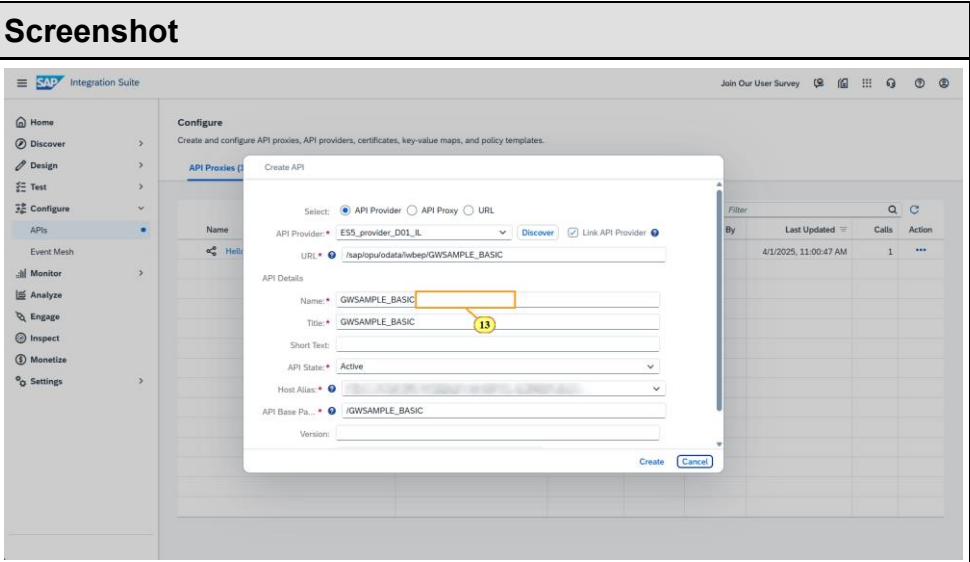
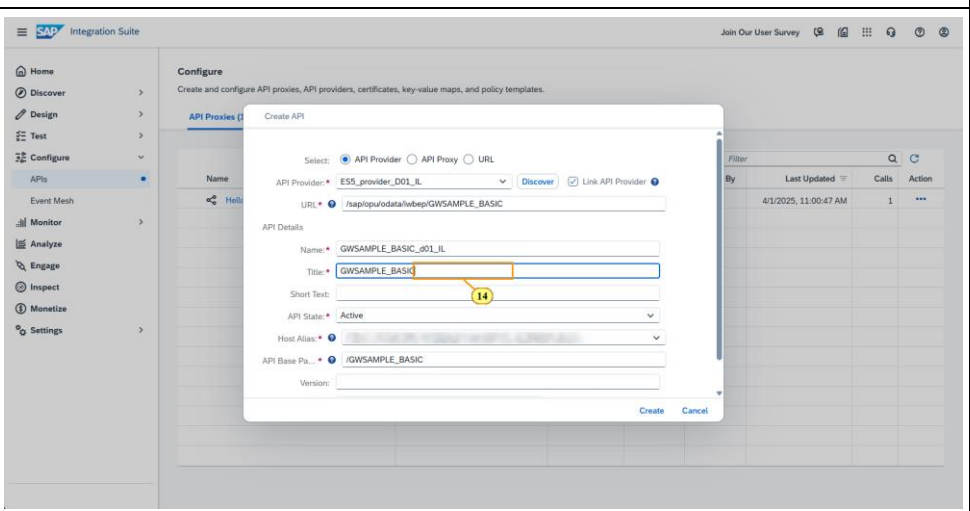
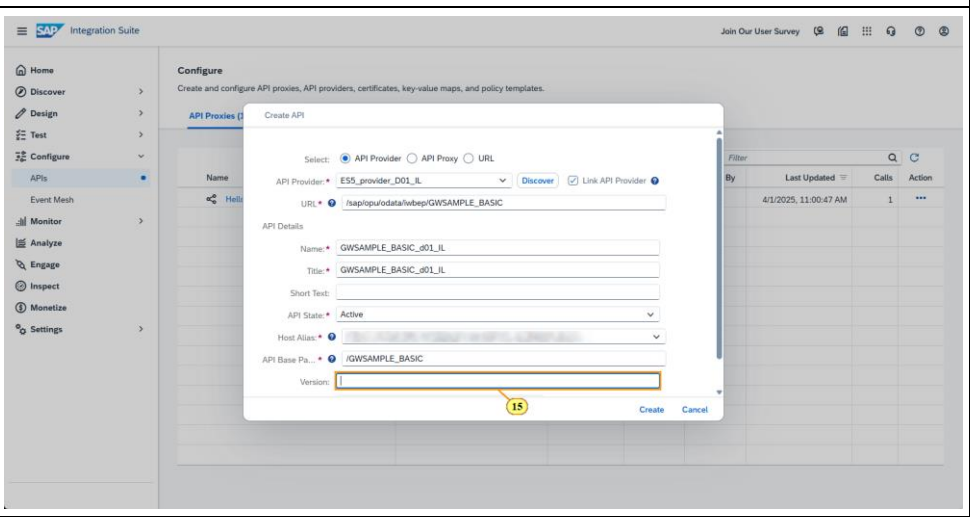
Explanation	Screenshot
<p> The objective is to establish a connection between the API provider, indicated in green, to a new API proxy that we are developing within the API Management. The subsequent connection and associated artifacts that emerge from this process are marked in red within the component diagram.</p> <p> In this exercise, you will create an API proxy based on a predefined API provider.</p> <p> In the following steps, you will create an API proxy.</p> <p>1. Choose <i>Services</i>.</p>	 <p>The screenshot shows the SAP BTP Cockpit interface. On the left sidebar, the 'Services' menu item is highlighted in green. The main content area displays the 'Overview' page for a subaccount. It shows various metrics and details, including '51 Entitlements', '5 Instances and Subscriptions', and 'Cloud Foundry Environment'. The 'Cloud Foundry Environment' section includes fields for API Endpoint, Org Name, Org ID, and Org Memory Limit. A table titled 'Spaces (1)' shows one space named 'CLD900' with 0 Applications and 2 Service Instances.</p>


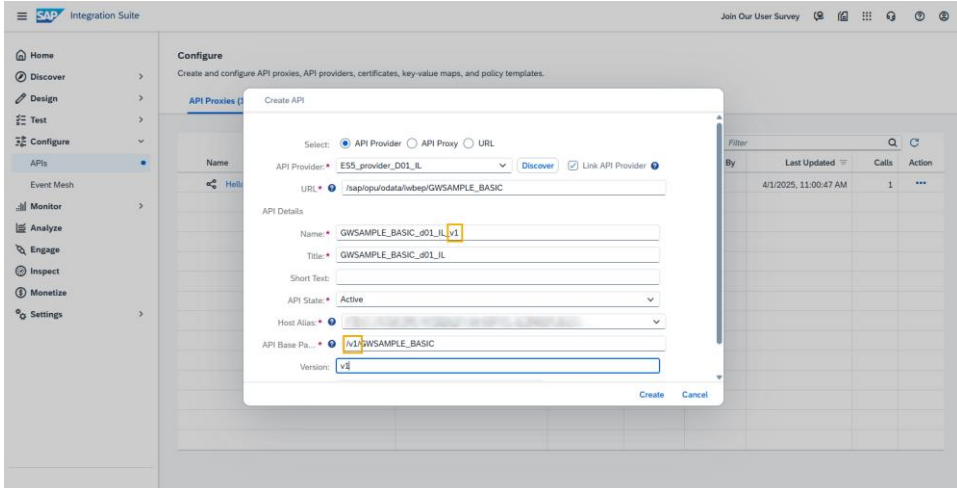
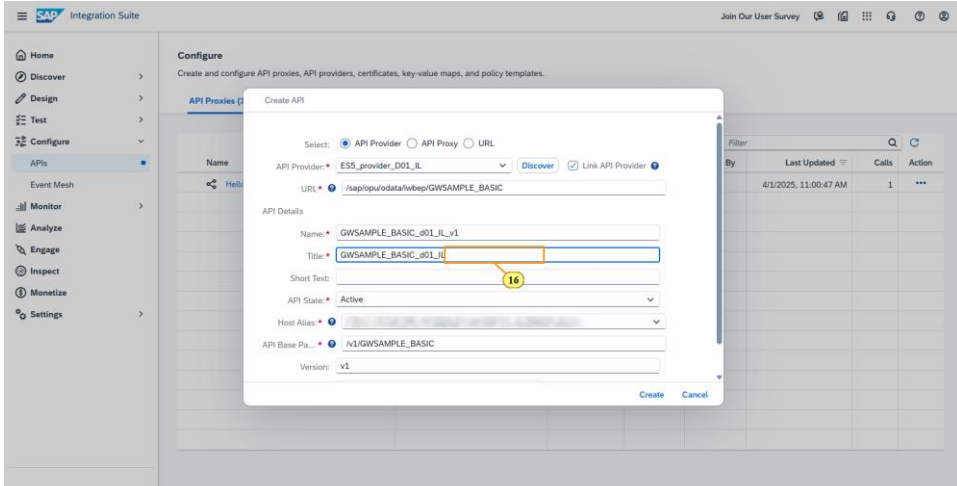
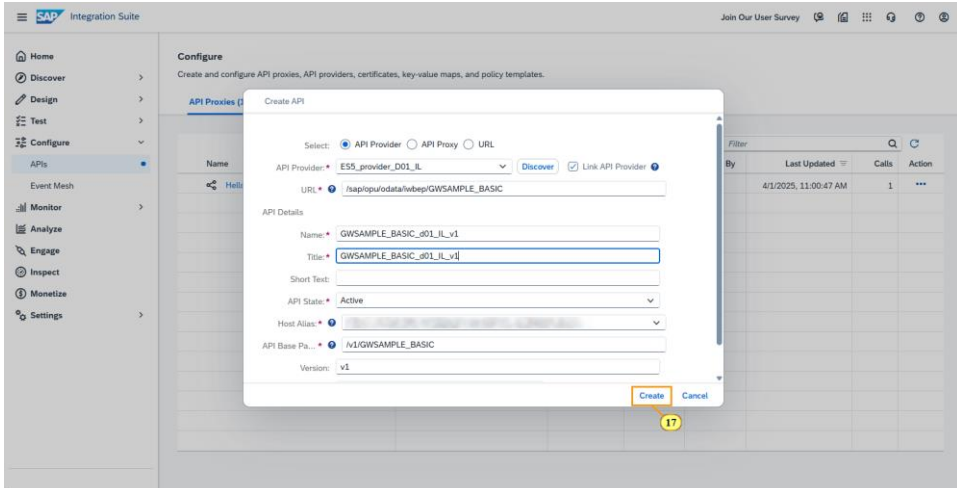
Explanation	Screenshot
2. Choose <i>Instances and Subscriptions</i> .	
3. Choose <i>Integration Suite</i> .	
4. Choose <i>Configure</i> .	

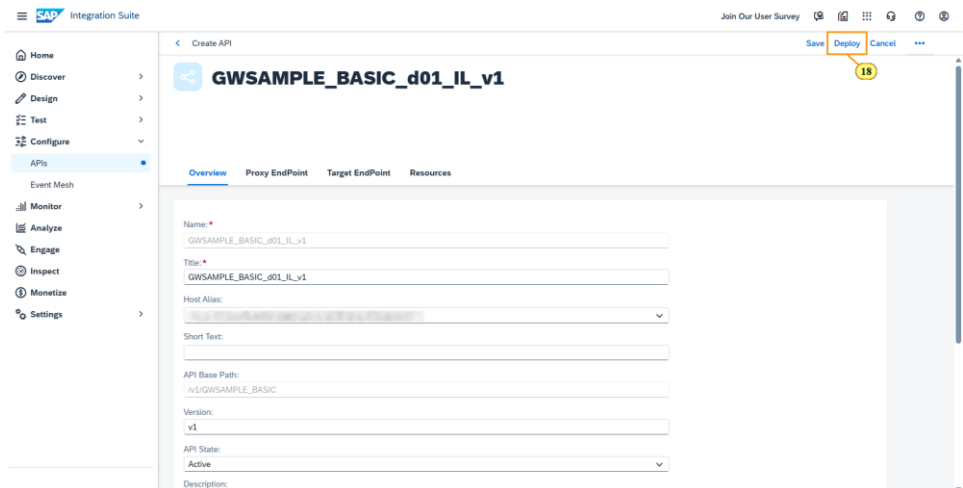
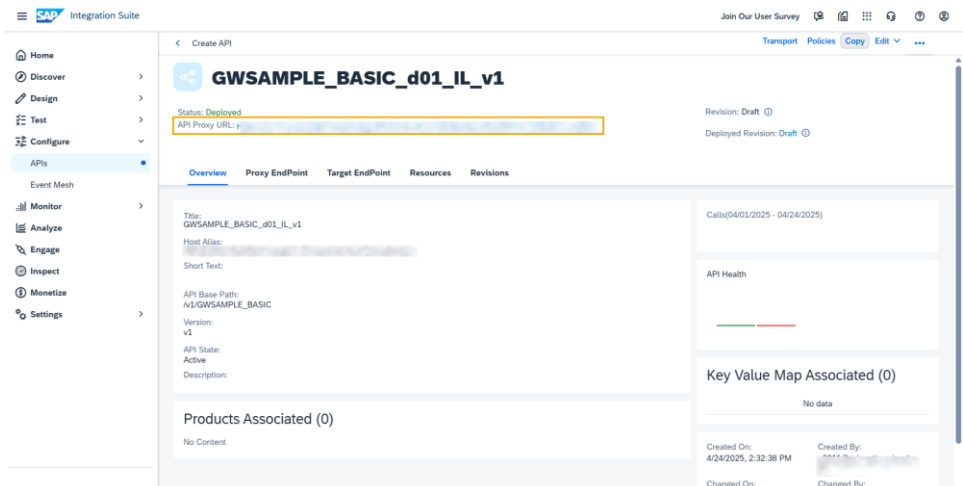
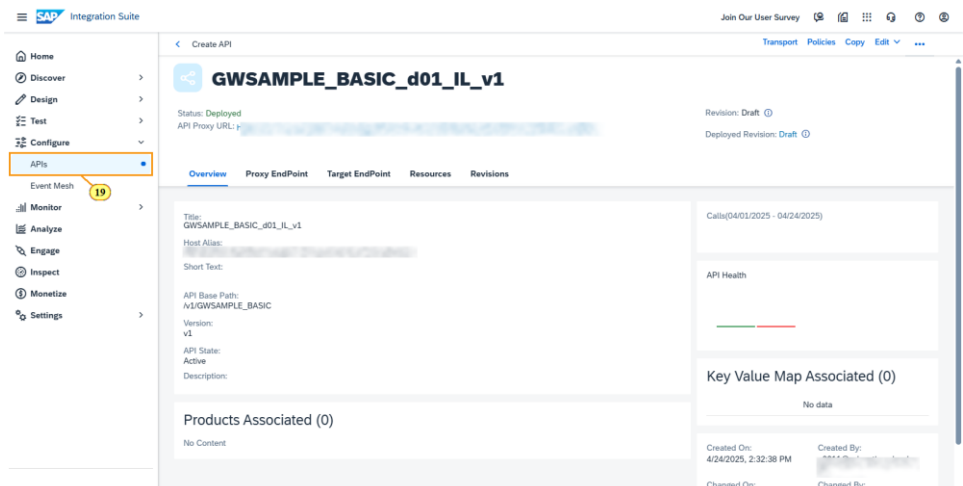
Explanation	Screenshot
<p>5. Choose <i>APIs</i>.</p>	
<p>6. Choose <i>Create</i>.</p>	
<p> Note: Make sure API provider is selected.</p>	

Explanation	Screenshot
7. Open the <i>API Provider</i> list.	
8. Select <i>ES5_provider_D01_IL</i> .	
9. Choose <i>Discover</i> .	

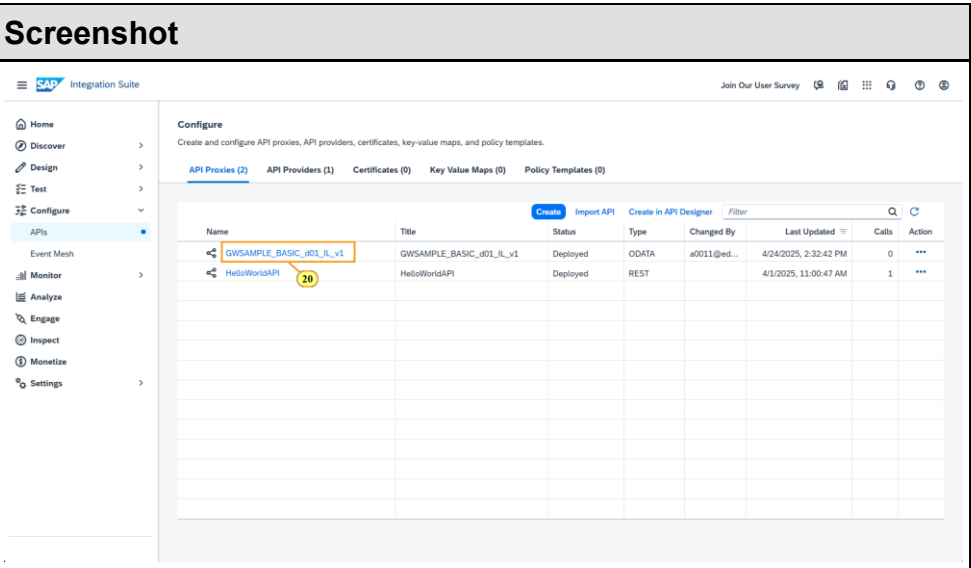
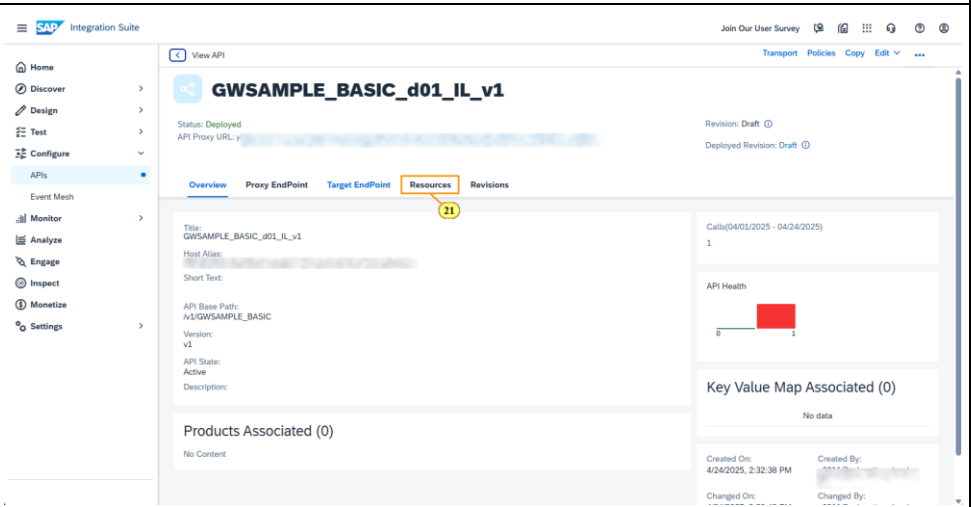
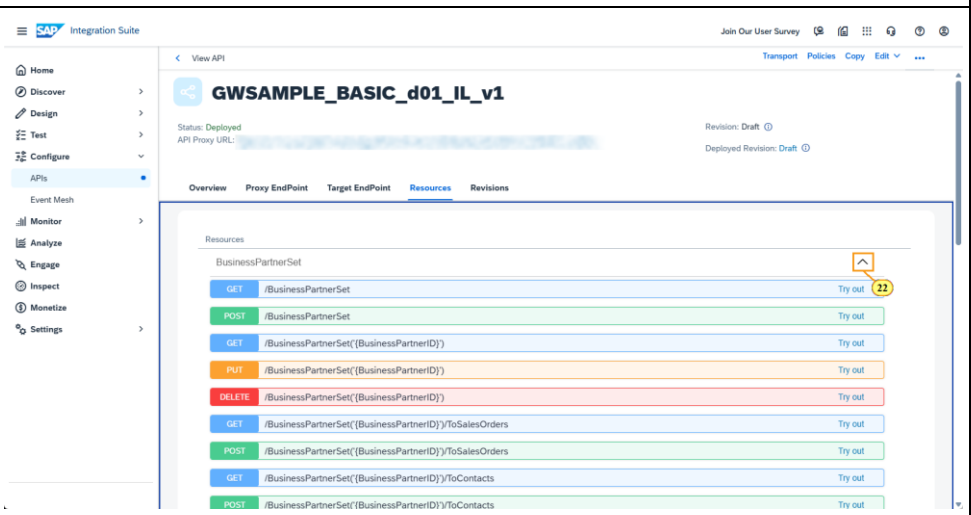
Explanation	Screenshot
10. In the Search field, enter <b>GWSAMPLE_BASIC</b>	
11. Select the <b>GWSAMPLE_BASIC</b> radio button.	
12. Choose <b>OK</b> .	

Explanation	Screenshot
13. In the <i>Name</i> field, enter <code>_d01_IL</code> .	
14. In the <i>Title</i> field, enter <code>_d01_IL</code> .	
15. In the <i>Version</i> field, enter <code>v1</code> .	

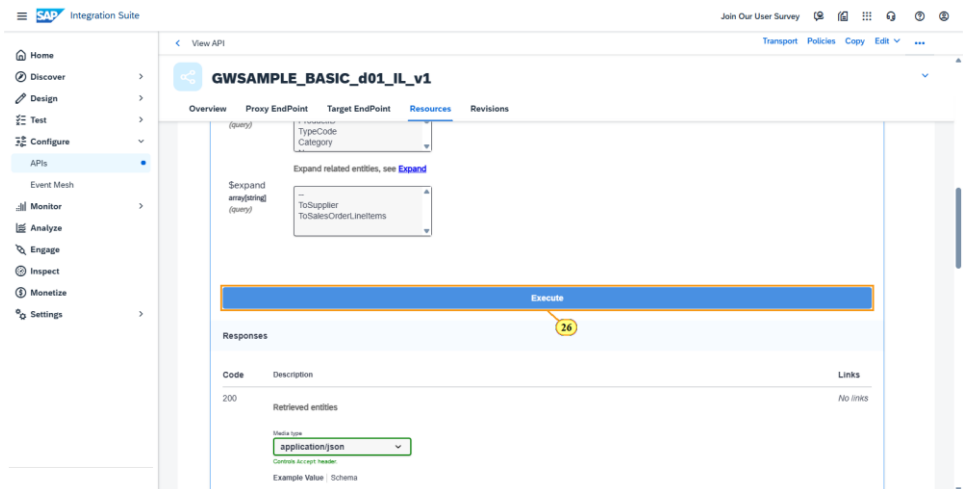

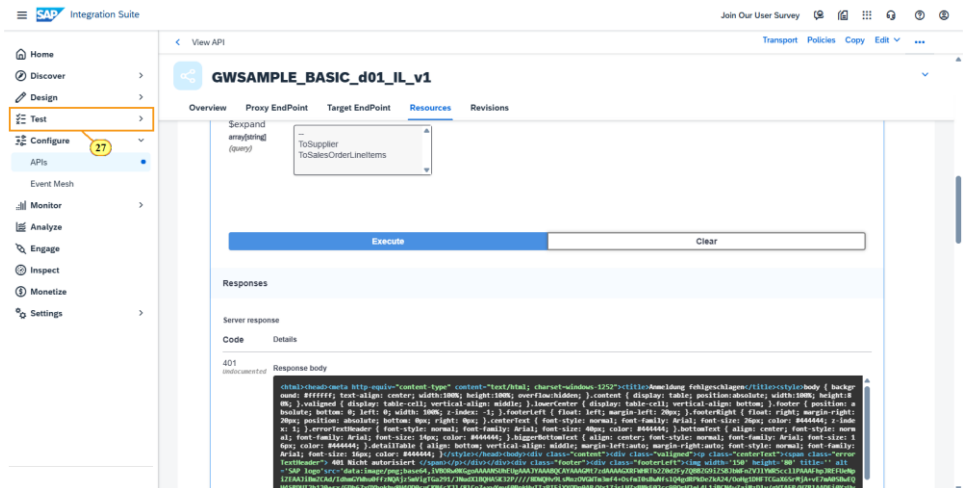
Explanation	Screenshot
<p> Note: The v1 is immediately appended as a prefix in the Name field and as a path postfix in the API Base Path field.</p>	
<p>16. In the <i>Title</i> field, enter <b>_v1</b>.</p>	
<p>17. Choose <i>Create</i>.</p>	

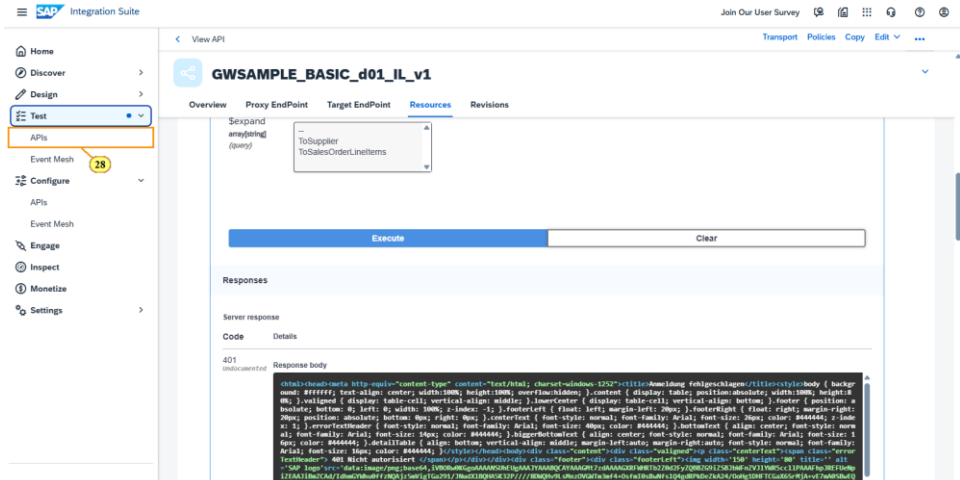
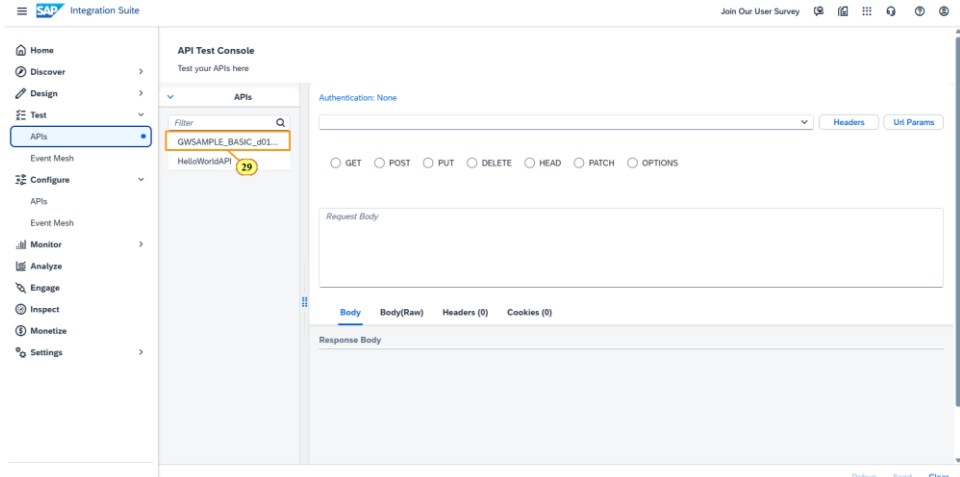
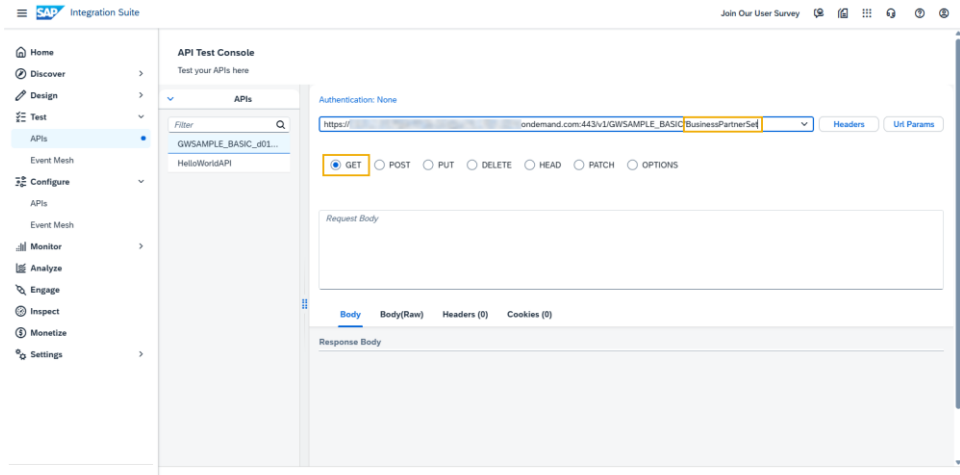
Explanation	Screenshot
<p>18. Choose <i>Deploy</i>.</p>	
<p>Note: If everything has been correctly set and the API proxy has been successfully deployed, the API proxy URL can now access the OData service GWSAMPLE_BASIC, as displayed.</p>	
<p>19. Choose <i>APIs</i>.</p>	

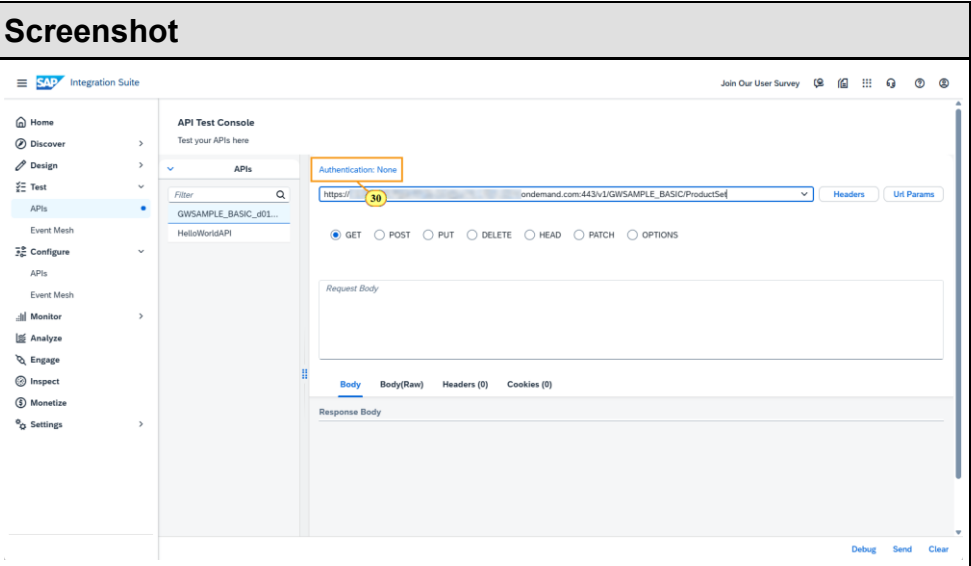
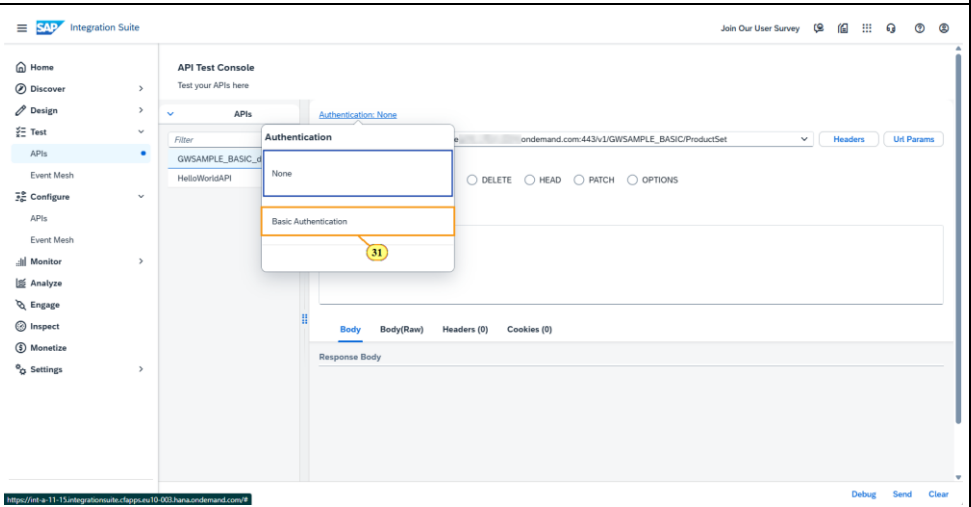

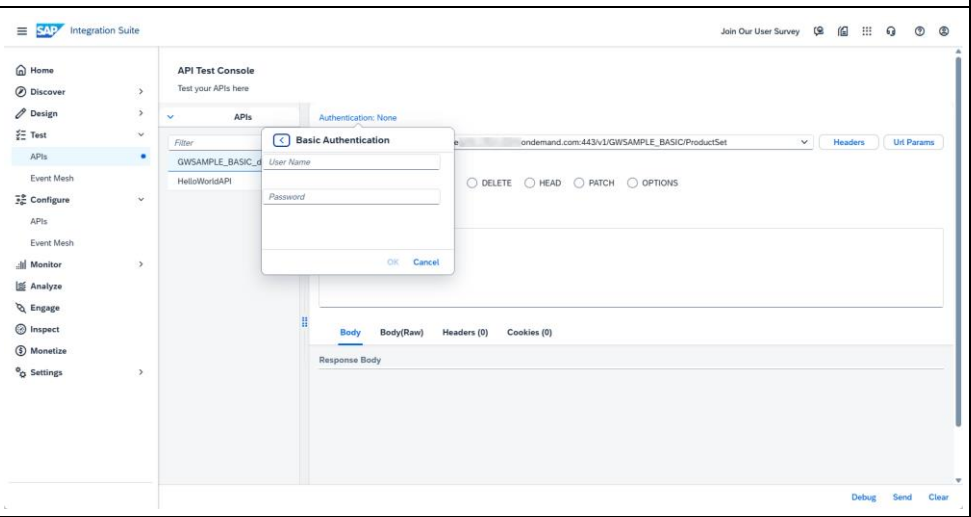


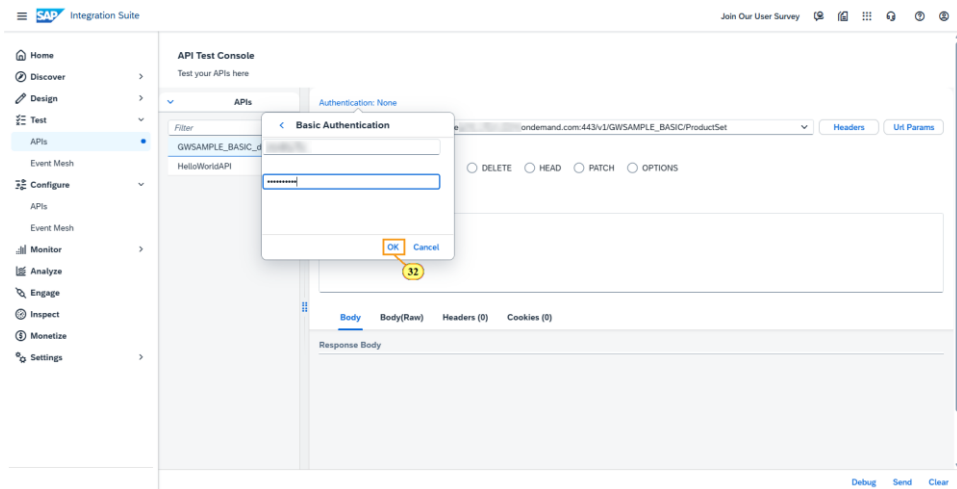
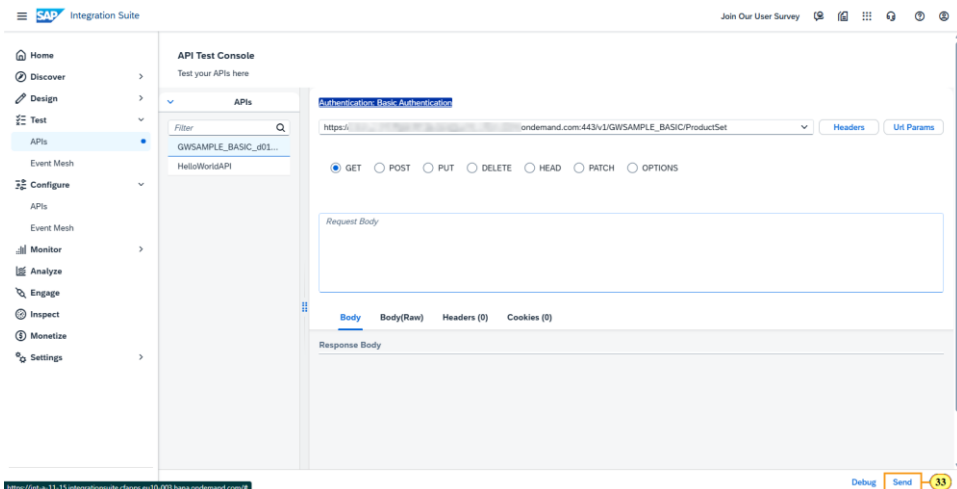
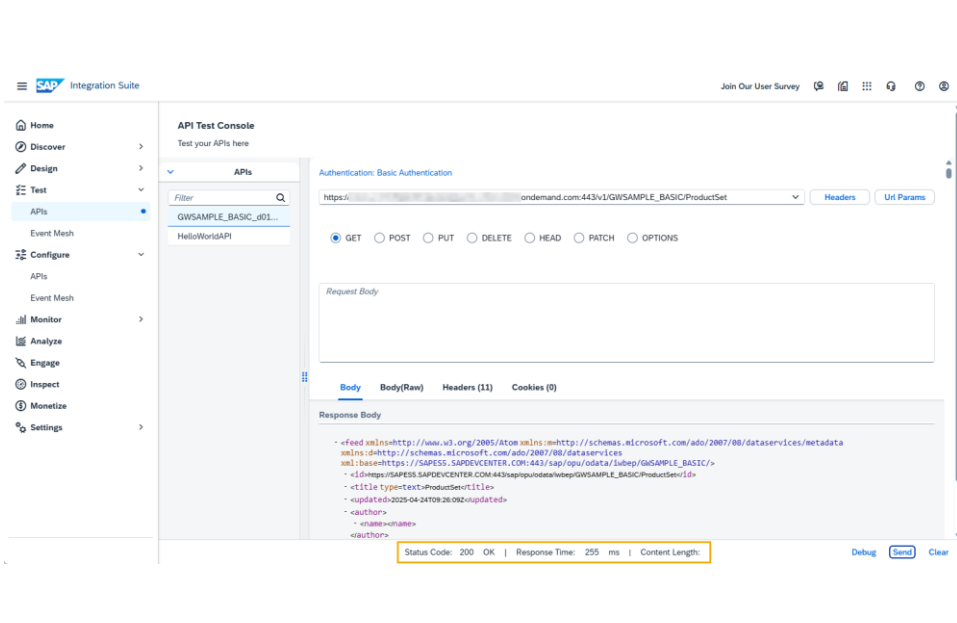
Explanation	Screenshot
20. Choose <i>GWSAMPLE_Basic_d01_IL_v1</i> .	 <p>The screenshot shows the 'Configure' page of the SAP Integration Suite. On the left is a navigation menu with options like Home, Discover, Design, Test, Configure, APIs, Event Mesh, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The 'APIs' section is selected. The main area displays a table of API Proxies. The table has columns: Name, Title, Status, Type, Changed By, Last Updated, Calls, and Action. Two rows are visible: 'GWSAMPLE_BASIC_d01_IL_v1' (Status: Deployed, Type: ODATA) and 'HelloWorldAPI' (Status: Deployed, Type: REST). The first row is highlighted with a yellow box, and a yellow circle with the number '20' points to it.</p>
21. Choose <i>Resources</i> .	 <p>The screenshot shows the 'View API' page for 'GWSAMPLE_BASIC_d01_IL_v1'. The page has tabs for Overview, Proxy Endpoint, Target Endpoint, Resources, and Revisions. The 'Resources' tab is selected and highlighted with a yellow box, with a yellow circle and the number '21' pointing to it. The page displays details about the API, including its title, host alias, short text, API base path, version, and status. On the right, there is a section for 'API Health' showing a red bar graph and a 'Key Value Map Associated (0)' section with 'No data'.</p>
22. To collapse the <i>BusinessPartnerSet</i> pane, choose the arrow.	 <p>The screenshot shows the 'Resources' tab in the 'View API' page. It displays a list of resources under the 'BusinessPartnerSet' category. The resources include GET, POST, PUT, and DELETE methods for various endpoints like '/BusinessPartnerSet', '/BusinessPartnerSet((BusinessPartnerID))', and '/BusinessPartnerSet((BusinessPartnerID))/ToSalesOrders'. A yellow box highlights the 'BusinessPartnerSet' resource, and a yellow circle with the number '22' points to a collapse arrow icon in the top right corner of the resource list.</p>


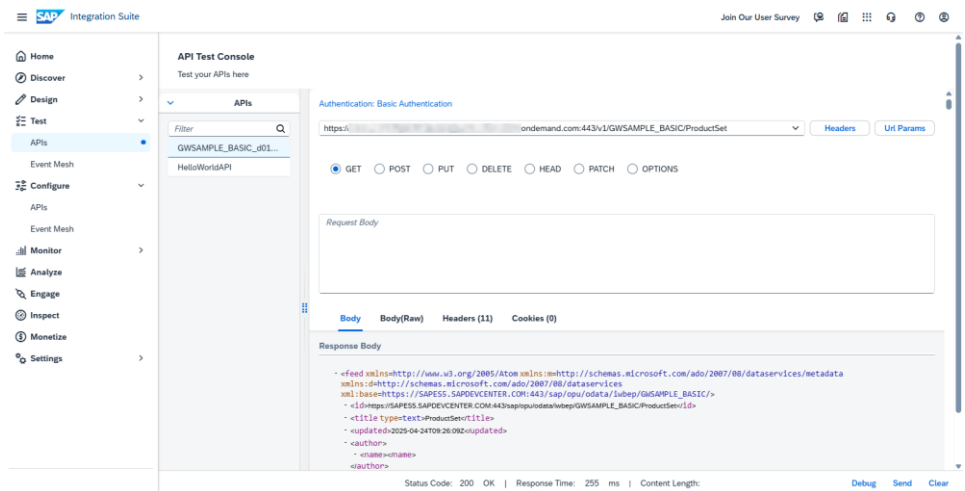
Explanation	Screenshot
<p>23. To expand the <i>ProductSet</i> pane, choose the arrow.</p>	
<p>24. Choose <i>Try out</i> GET/<i>ProductSet</i>.</p>	
<p>25. Select the scroll bar to scroll down.</p>	

Explanation	Screenshot
<p>26. Choose <i>Execute</i>.</p>	
<p>Note: The request fails with an HTTP code 401 - Unauthorized, as we have not enabled authorization for the call. We do this in a later exercise by involving policies. The authorization set during the creation of the API provider was solely for calling the catalog service.</p>	
<p>27. Choose <i>Test</i>.</p>	

Explanation	Screenshot
<p>28. Choose <i>APIs</i>.</p>	
<p>29. Choose <i>GWSAMPLE_BASIC_d01_IL_v1</i>.</p>	
<p>Note: In the address navigation menu, after <i>/GWSAMPLE_BASIC</i>, add <i>/ProductSet</i> to the end of the path. The GET method is automatically selected.</p>	

Explanation	Screenshot
30. Choose <i>Authentication: None</i> .	 The screenshot shows the SAP Integration Suite API Test Console. The 'Authentication' dropdown menu is open, and 'Authentication: None' is selected. The URL bar shows 'https://ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'. The 'Request Body' and 'Response Body' sections are visible.
31. Choose <i>Basic Authentication</i> .	 The screenshot shows the SAP Integration Suite API Test Console. The 'Authentication' dropdown menu is open, and 'Basic Authentication' is selected. The URL bar shows 'https://ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'. The 'Request Body' and 'Response Body' sections are visible.
 Note: Enter your user and password for the ES5 system. Afterward, choose the OK button.	 The screenshot shows the SAP Integration Suite API Test Console. The 'Basic Authentication' dialog box is open, showing fields for 'User Name' and 'Password'. The 'Authentication' dropdown menu is still open, and 'Basic Authentication' is selected. The URL bar shows 'https://ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'. The 'Request Body' and 'Response Body' sections are visible.

Explanation	Screenshot
32. Choose <b>OK</b> .	
33. Choose <b>Send</b> .	
<p><b>Note:</b> If you get an HTTP status code 200, everything works as expected.</p> <p>If the call was successful, as in the screenshot shown, all the data records hosted on the database are displayed as a feed in the response. If you don't get an HTTP status code 200, check your</p>	

Explanation	Screenshot
<p>authentication credentials.</p>	
<p> You have now successfully created an API proxy based on a predefined API provider.</p>	 <p>The screenshot displays the SAP Integration Suite API Test Console. The left sidebar shows the navigation menu with 'APIs' selected. The main area shows the 'API Test Console' for a specific API. The 'Authentication' is set to 'Basic Authentication'. The 'Request Body' is empty. The 'Response Body' shows a successful GET request with a status code of 200 OK. The response body contains XML metadata for the API.</p>