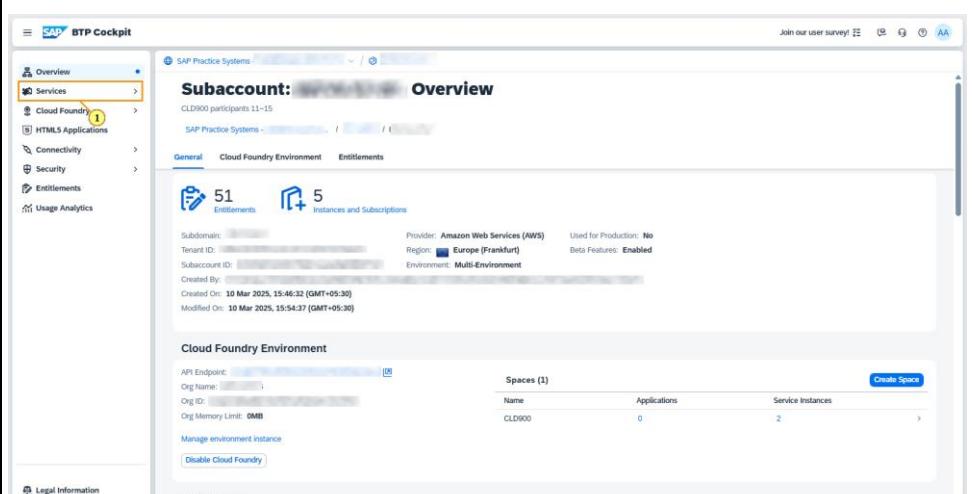
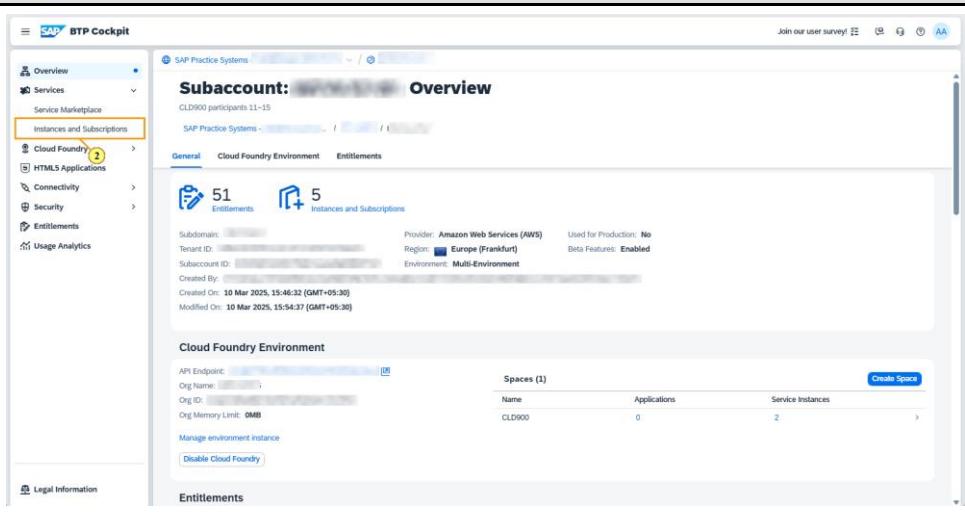
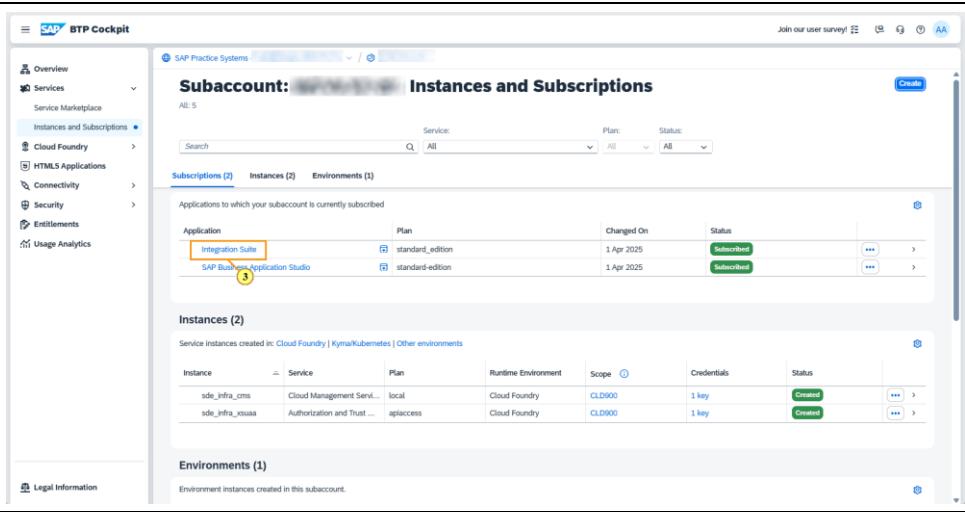
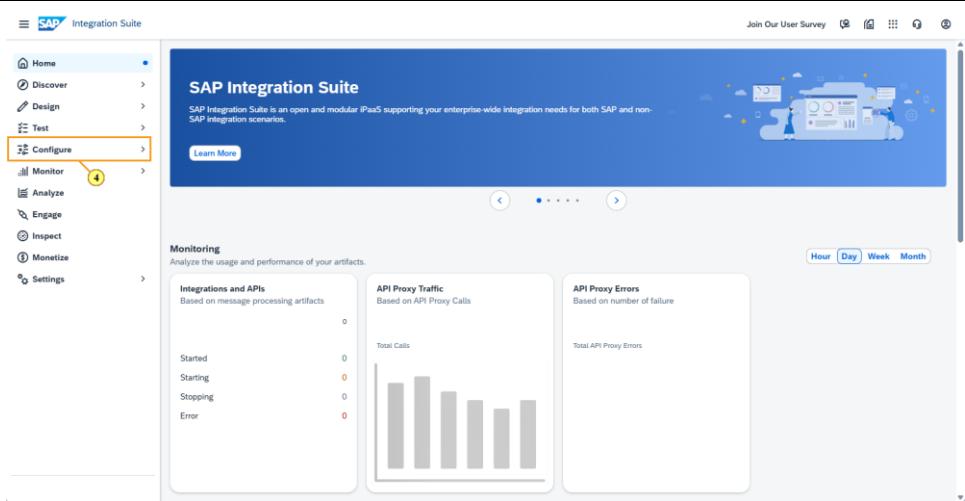
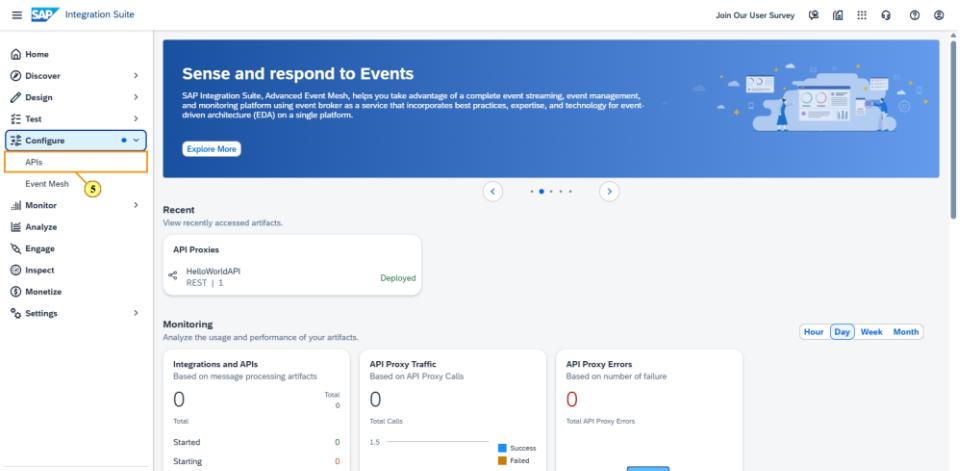
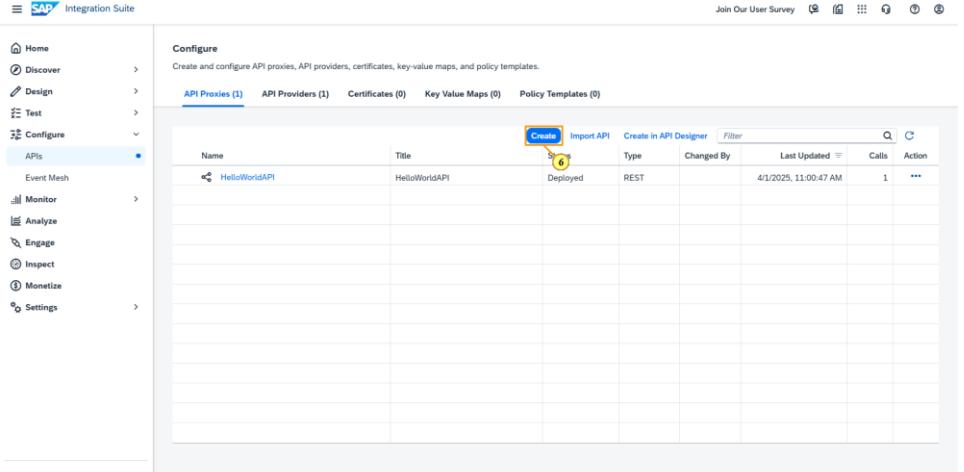
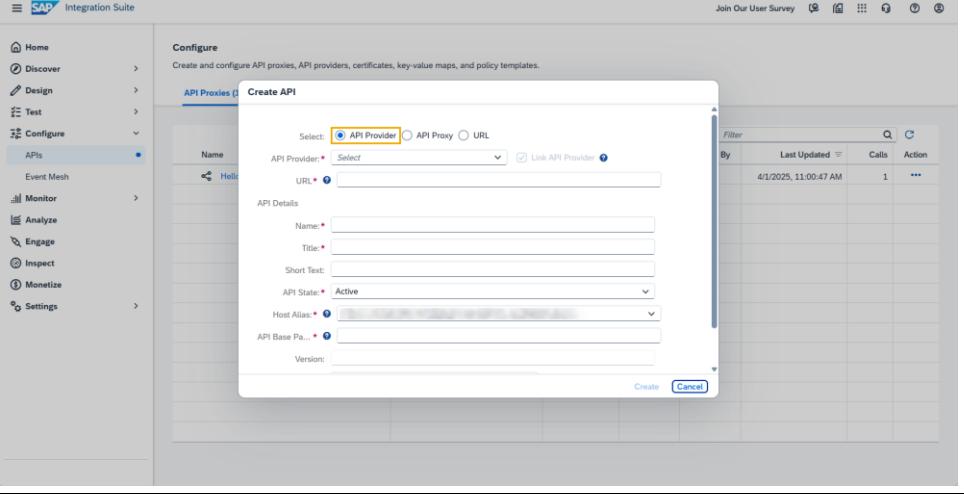
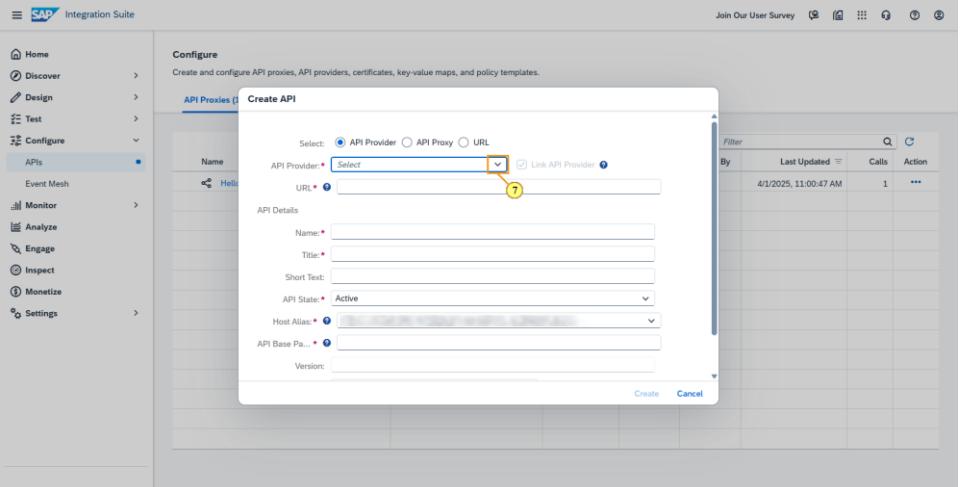
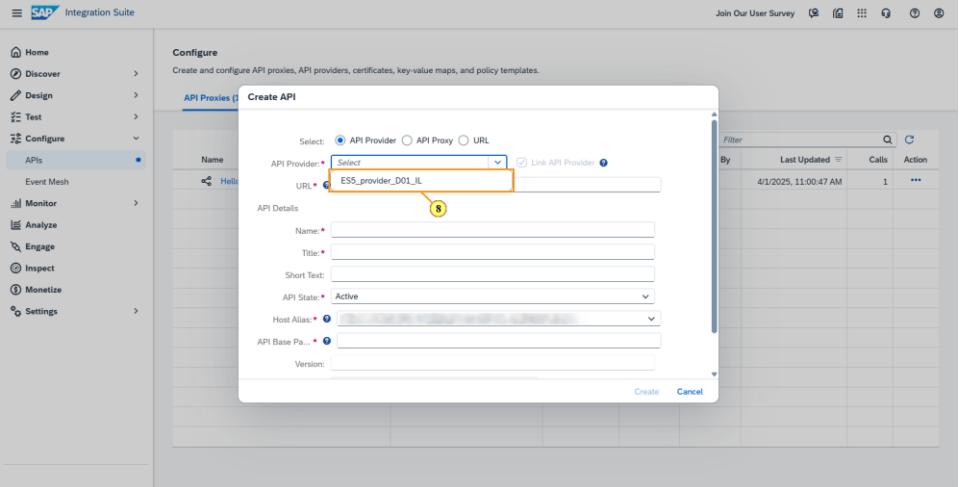
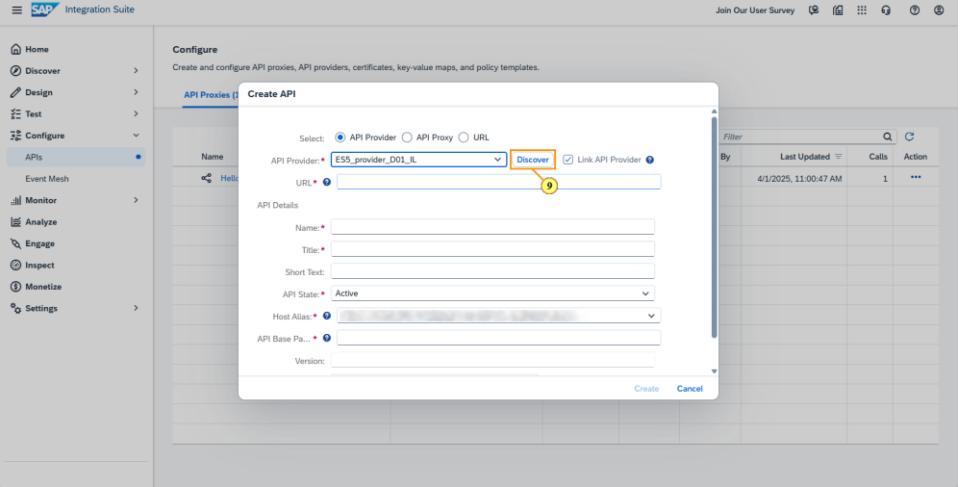


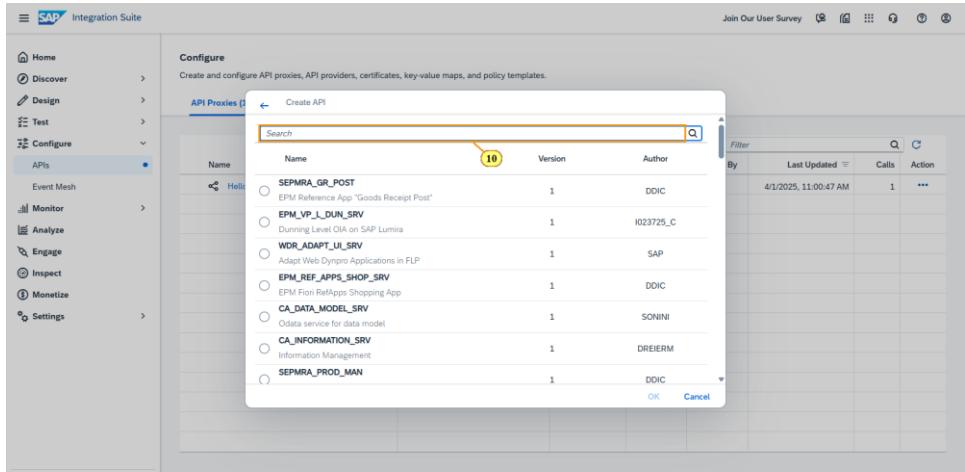
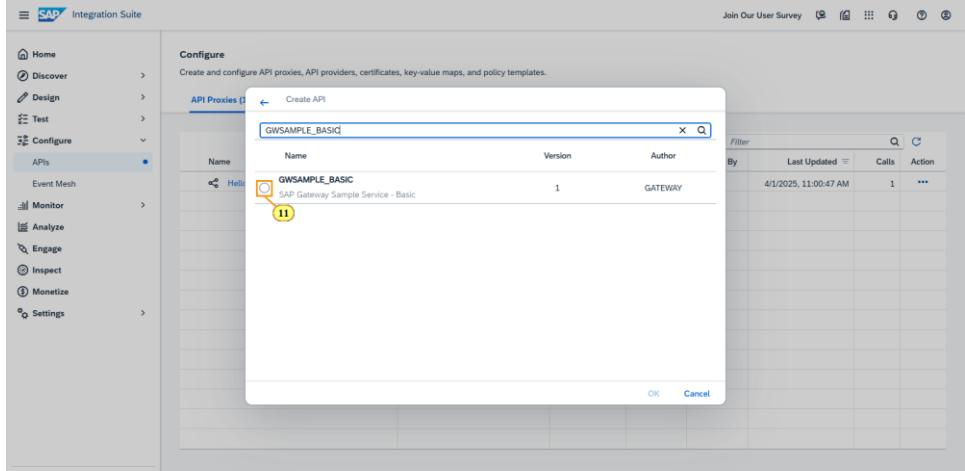
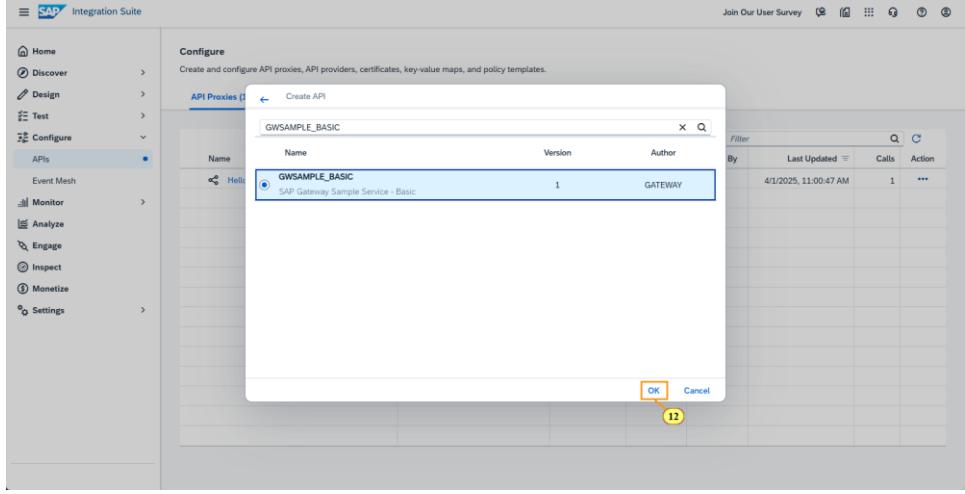
Create an API Proxy Based on a Predefined API Provider

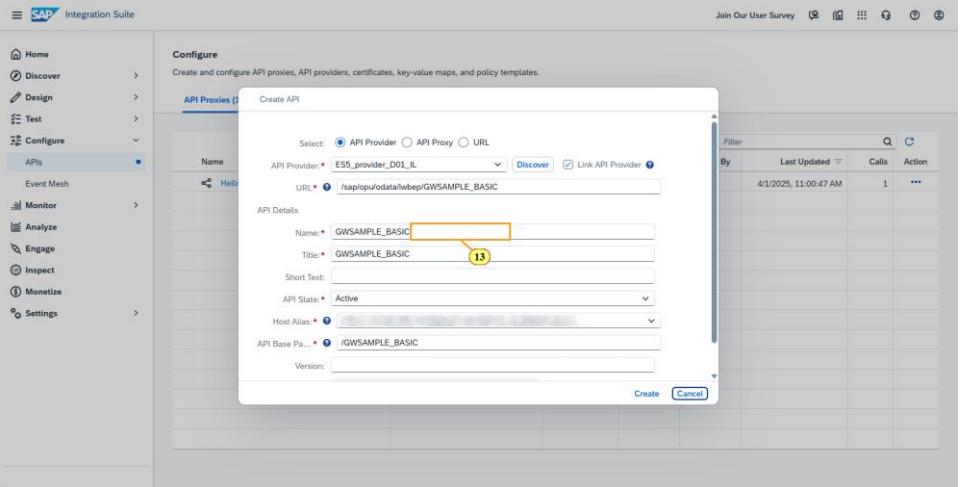
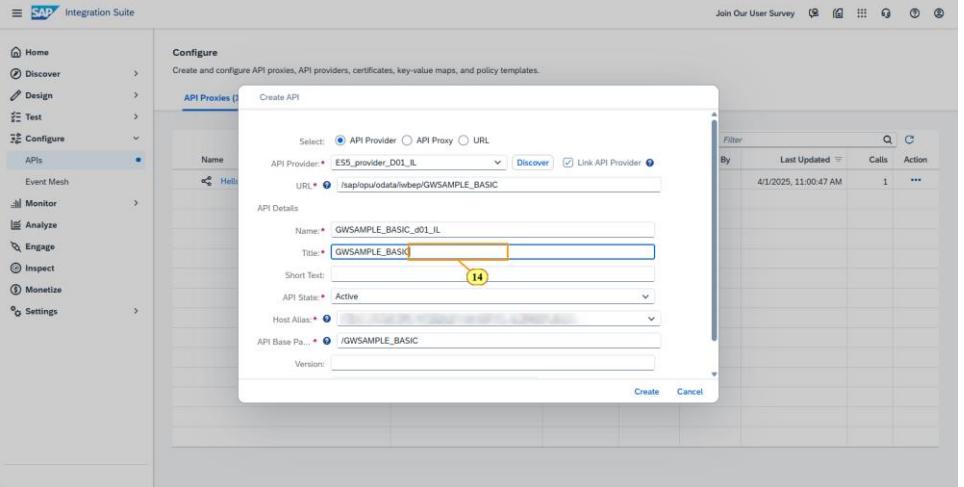
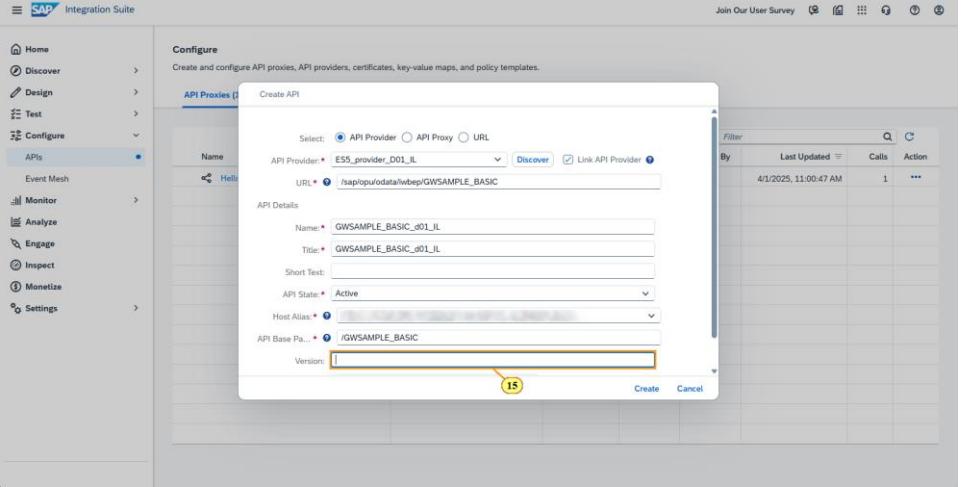
Explanation	Screenshot
<p><i>(i)</i> The objective is to establish a connection between the API provider, indicated in green, to a new API proxy that we are developing within the API Management. The subsequent connection and associated artifacts that emerge from this process are marked in red within the component diagram.</p>	
<p><i>(i)</i> In this exercise, you will create an API proxy based on a predefined API provider.</p>	
<p><i>(i)</i> In the following steps, you will create an API proxy.</p> <ol style="list-style-type: none"> 1. Choose Services. 	

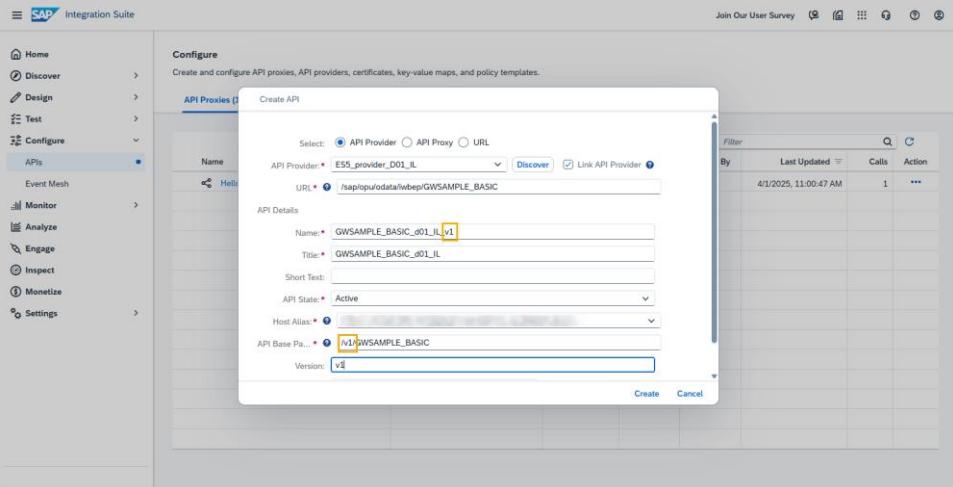
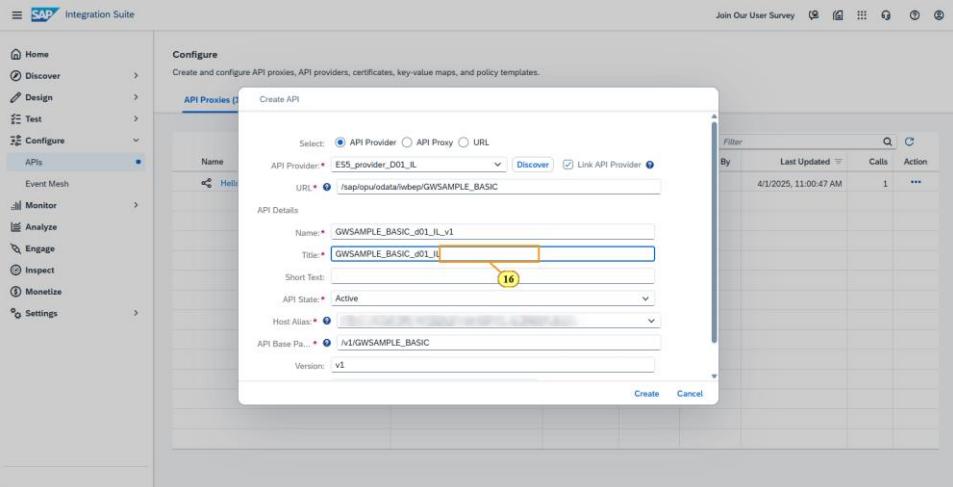
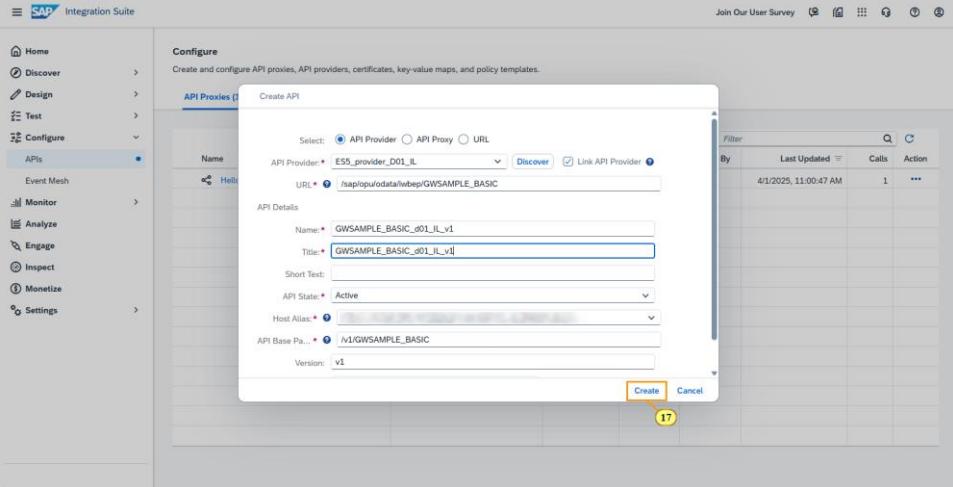
Explanation	Screenshot
<p>2. Choose <i>Instances and Subscriptions</i>.</p>	 <p>The screenshot shows the SAP BTP Cockpit interface. On the left, the navigation bar includes Overview, Services, Service Marketplace, Instances and Subscriptions (which is highlighted with a yellow box), Cloud Foundry, HTML Applications, Connectivity, Security, Entitlements, and Usage Analytics. Below the navigation is Legal Information. The main area is titled "Subaccount: [REDACTED] Overview". It displays general information like Subdomain, Tenant ID, Subaccount ID, and provider details (Amazon Web Services (AWS)). It also shows the Cloud Foundry Environment section with API Endpoint, Org Name, Org ID, and Org Memory Limit. The Instances and Subscriptions section shows 51 Entitlements and 5 Instances and Subscriptions. A table lists these instances with columns for Name, Applications, and Service Instances.</p>
<p>3. Choose <i>Integration Suite</i>.</p>	 <p>The screenshot shows the SAP BTP Cockpit interface. The left navigation bar is identical to the previous screenshot. The main area is titled "Subaccount: [REDACTED] Instances and Subscriptions". It shows a table for Subscriptions (2), Instances (2), and Environments (1). The Instances section highlights the "Integration Suite" row, which is circled with a yellow circle and labeled with a yellow number 3. Below the instances table is a table for environments, showing 1 environment named "SAP Business Application Studio".</p>
<p>4. Choose <i>Configure</i>.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The left navigation bar has tabs for Home, Discover, Design, Test, Configure (which is highlighted with a yellow box and circled with a yellow circle and labeled with a yellow number 4), Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The main area is titled "SAP Integration Suite" and contains a banner with the text "SAP Integration Suite is an open and modular iPaaS supporting your enterprise-wide integration needs for both SAP and non-SAP Integration scenarios." Below the banner is a "Monitoring" section with three cards: "Integrations and APIs", "API Proxy Traffic", and "API Proxy Errors".</p>

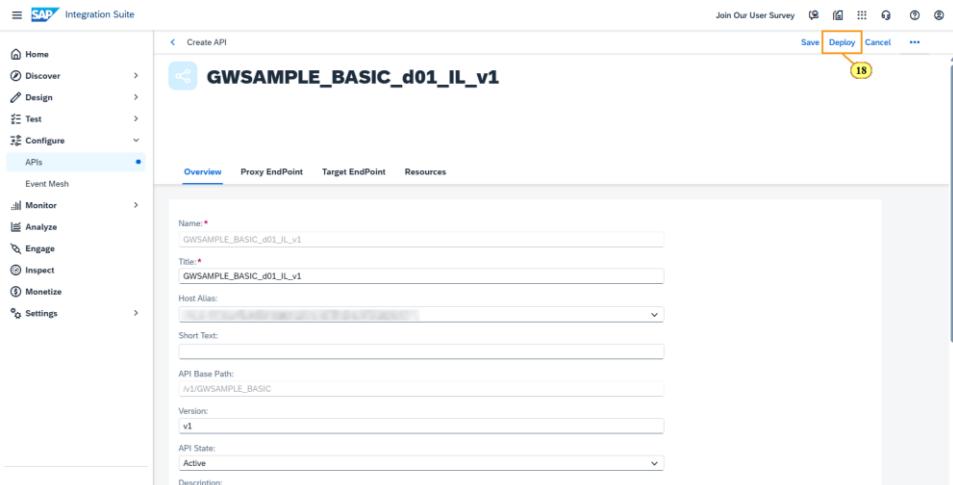
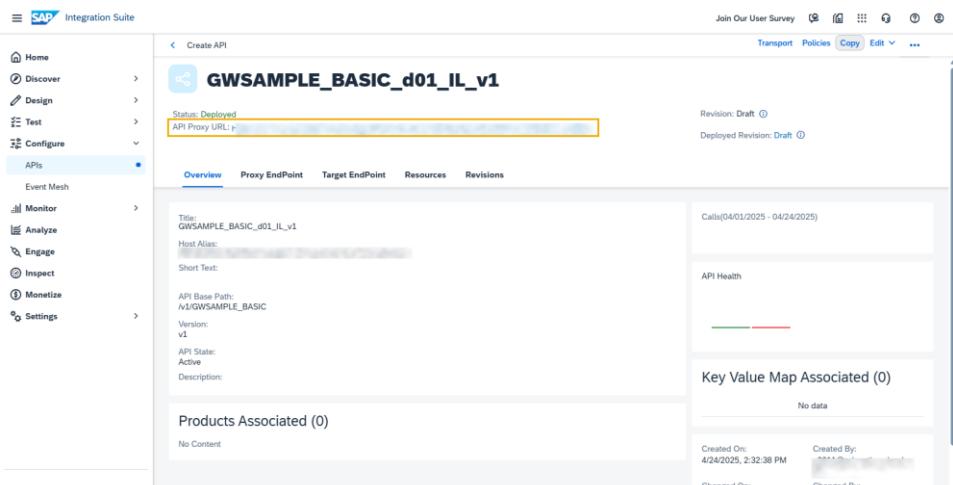
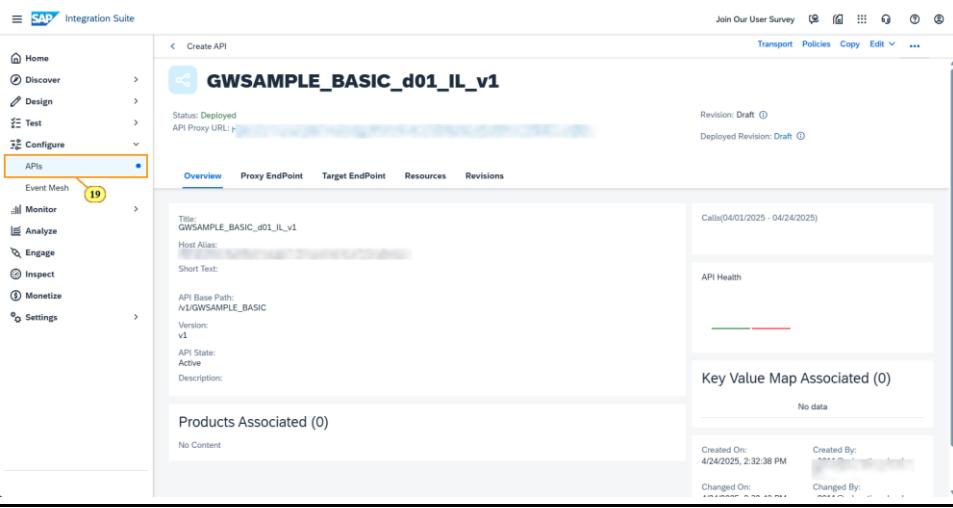
Explanation	Screenshot
<p>5. Choose APIs.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The left sidebar has a 'Configure' section with 'APIs' highlighted. A yellow circle with the number '5' is placed over the 'APIs' button. The main area displays a dashboard titled 'Sense and respond to Events' with sections for 'Recent', 'API Proxies', 'Monitoring', 'Integrations and APIs', 'API Proxy Traffic', and 'API Proxy Errors'. A yellow circle with the number '6' is placed over the 'Create' button in the top right corner of the 'API Proxies' table.</p>
<p>6. Choose Create.</p>	 <p>The screenshot shows the SAP Integration Suite interface with the 'Create API' dialog box open. The dialog box has 'Select:' dropdown set to 'API Provider' with 'HelloWorldAPI' selected. It contains fields for 'Name', 'Title', 'Short Text', 'API State', 'Host Alias', and 'API Base Path'. A yellow circle with the number '6' is placed over the 'Create' button in the dialog box.</p>
<p>Note: Make sure API provider is selected.</p>	 <p>The screenshot shows the SAP Integration Suite interface with the 'Create API' dialog box open. An info icon (i) is visible in the top left corner of the dialog box. The dialog box has 'Select:' dropdown set to 'API Provider' with 'HelloWorldAPI' selected. It contains fields for 'Name', 'Title', 'Short Text', 'API State', 'Host Alias', and 'API Base Path'. A yellow circle with the number '6' is placed over the 'Create' button in the dialog box.</p>

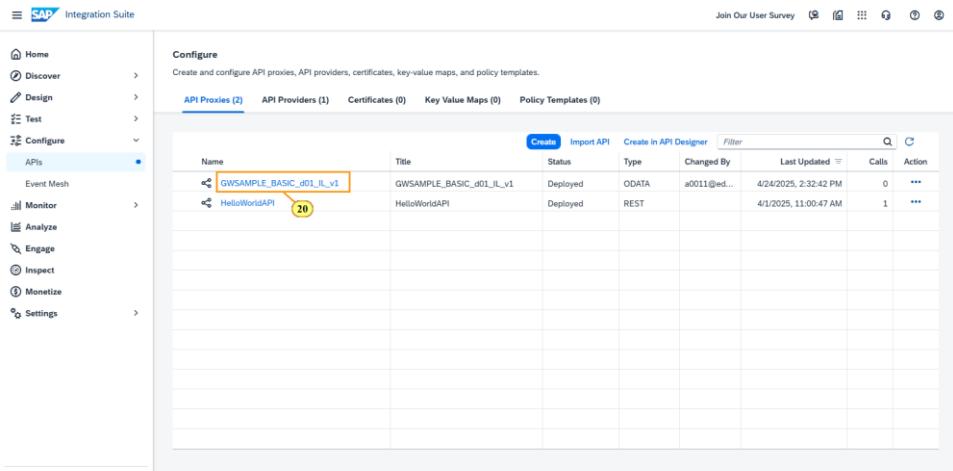
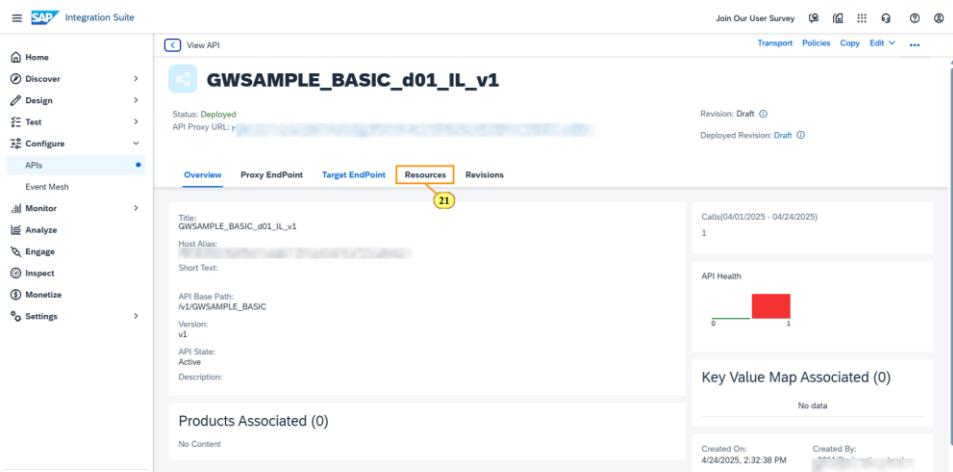
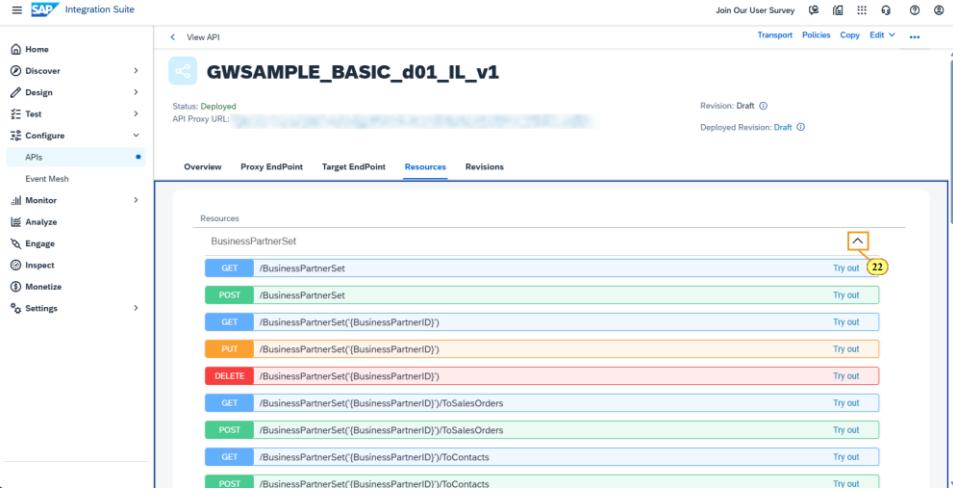
Explanation	Screenshot
<p>7. Open the <i>API Provider</i> list.</p>	
<p>8. Select <i>ES5_provider_D01_IL</i>.</p>	
<p>9. Choose <i>Discover</i>.</p>	

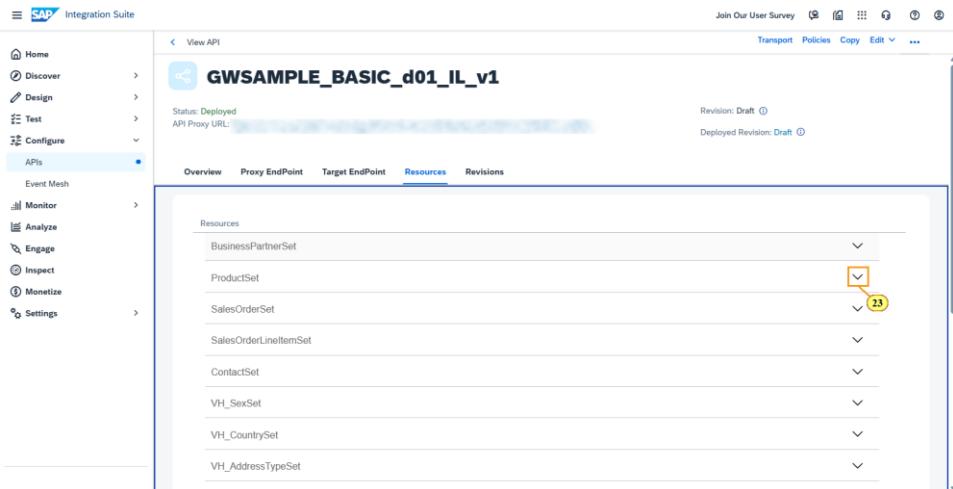
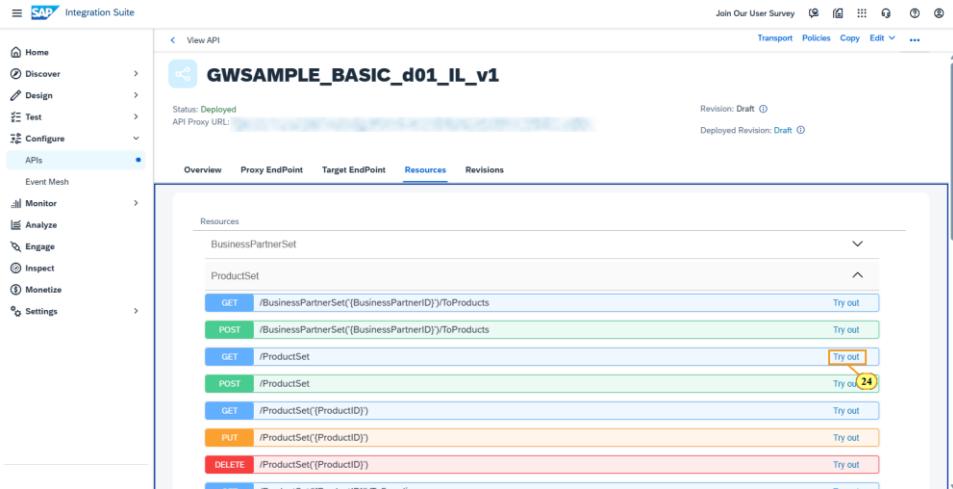
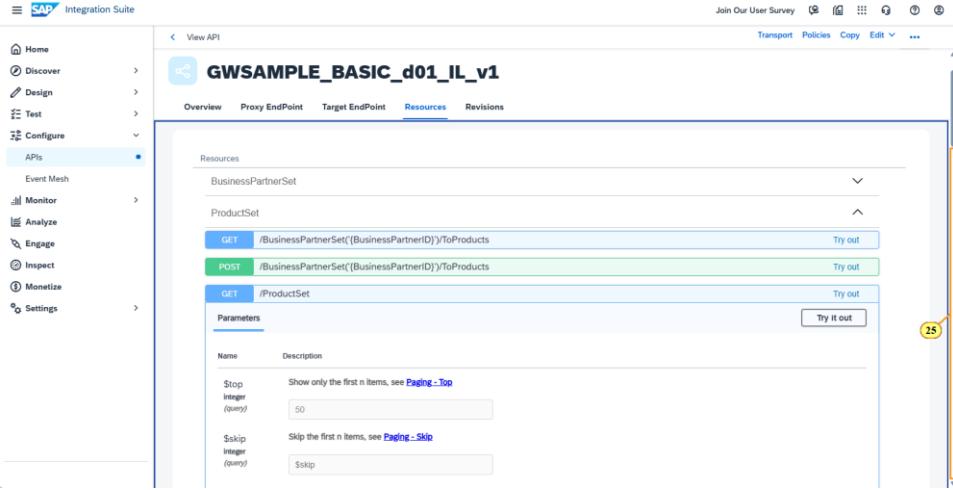
Explanation	Screenshot
<p>10. In the Search field, enter GWSAMPLE_BASIC.</p>	
<p>11. Select the GWSAMPLE_BASIC radio button.</p>	
<p>12. Choose OK.</p>	

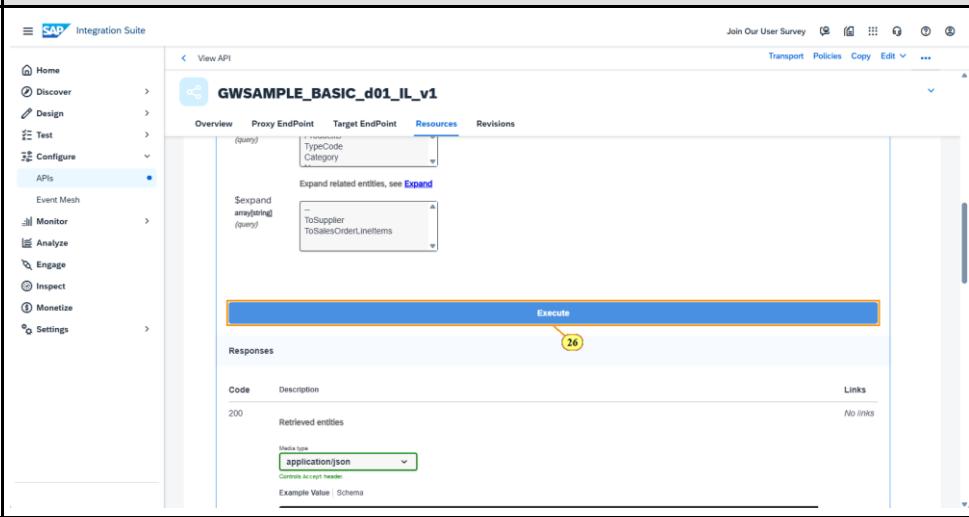
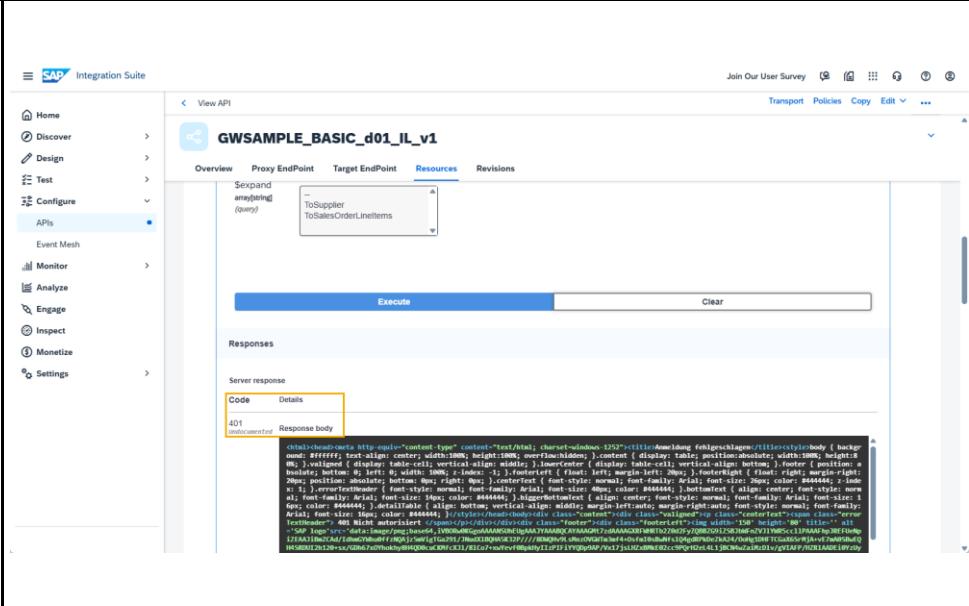
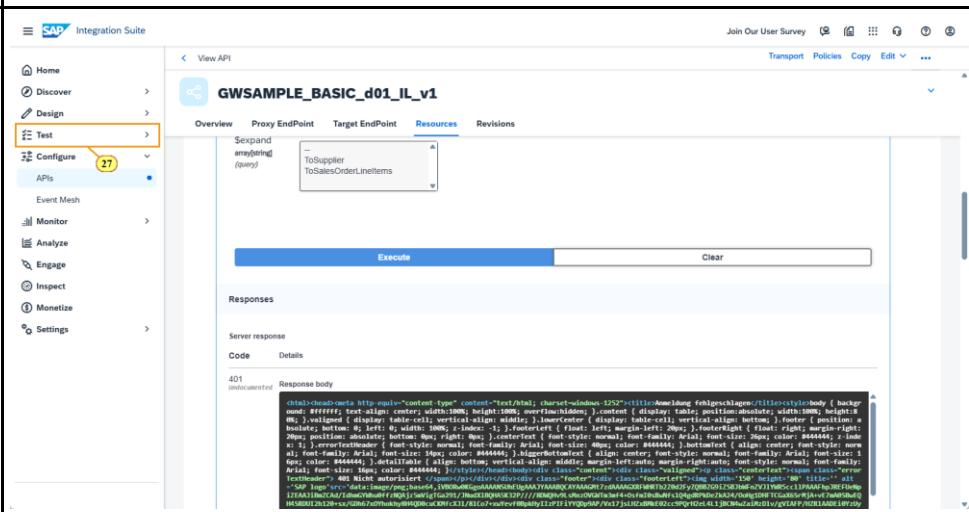
Explanation	Screenshot
<p>13. In the <i>Name</i> field, enter _d01_IL.</p>	
<p>14. In the <i>Title</i> field, enter _d01_IL.</p>	
<p>15. In the <i>Version</i> field, enter v1.</p>	

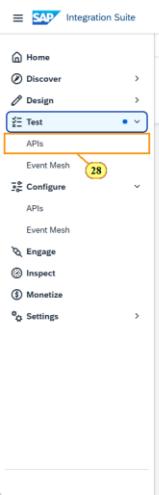
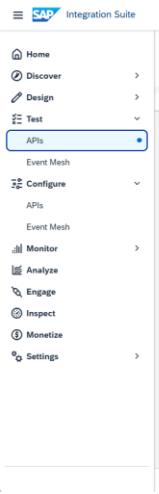
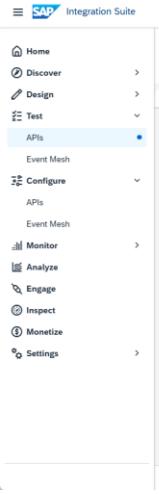
Explanation	Screenshot
<p>Note: The v1 is immediately appended as a prefix in the Name field and as a path postfix in the API Base Path field.</p>	
<p>16. In the <i>Title</i> field, enter <u>_v1</u>.</p>	
<p>17. Choose <i>Create</i>.</p>	

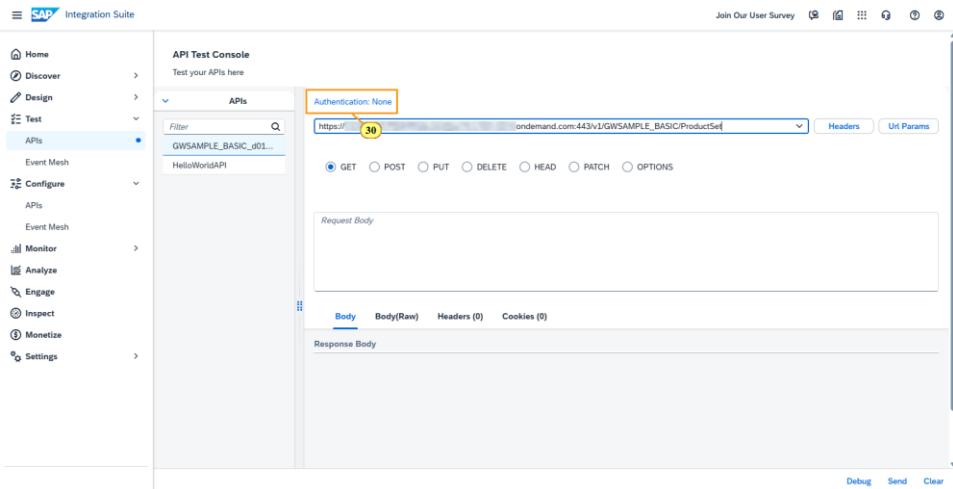
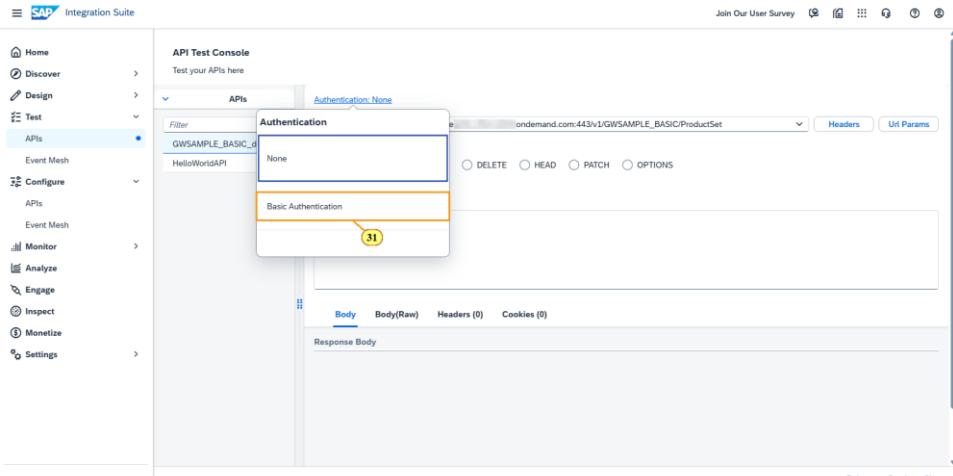
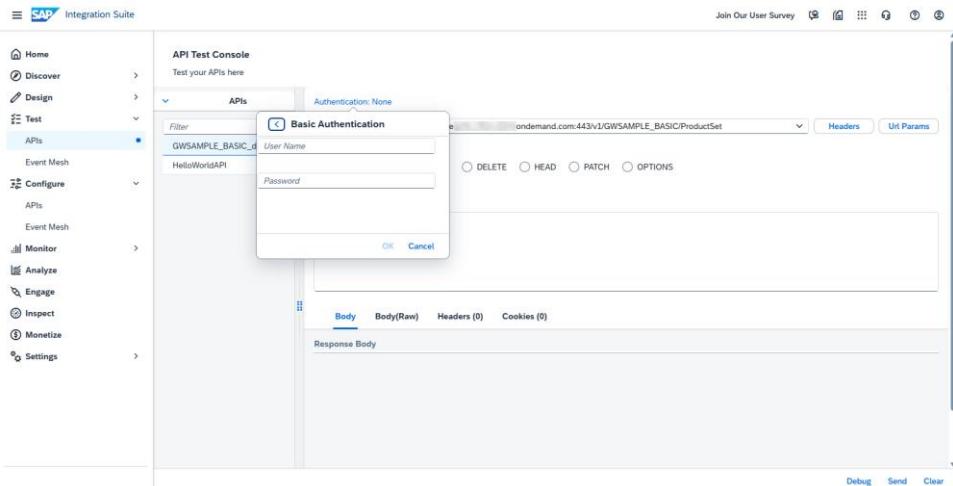
Explanation	Screenshot
<p>18. Choose Deploy.</p>	
<p>Note: If everything has been correctly set and the API proxy has been successfully deployed, the API proxy URL can now access the OData service GWSAMPLE_BASIC, as displayed.</p>	
<p>19. Choose APIs.</p>	

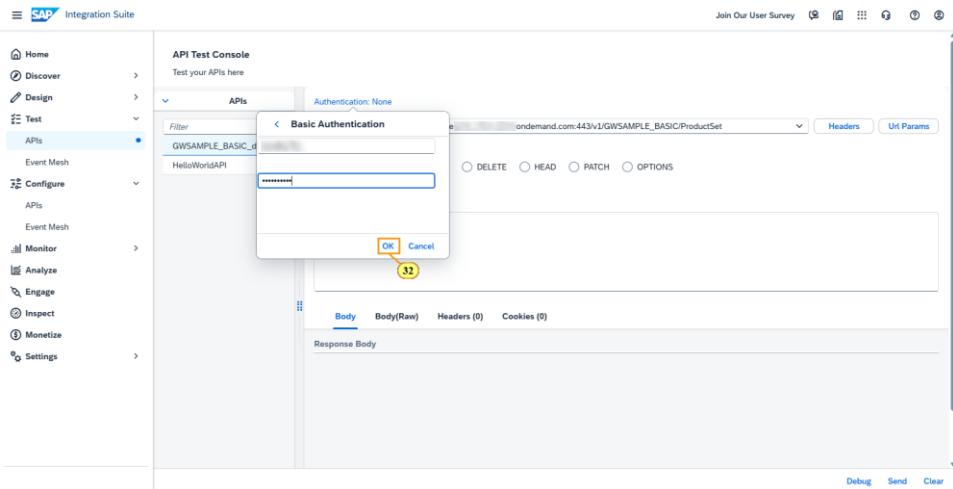
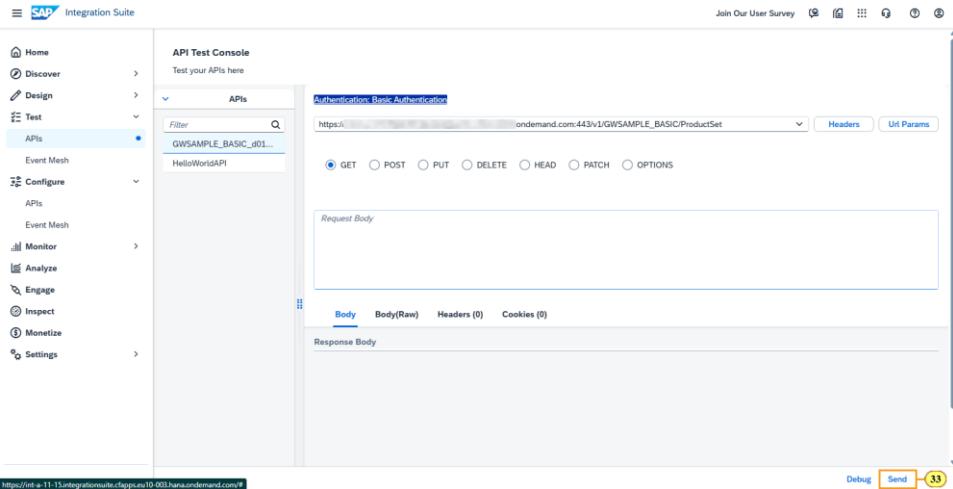
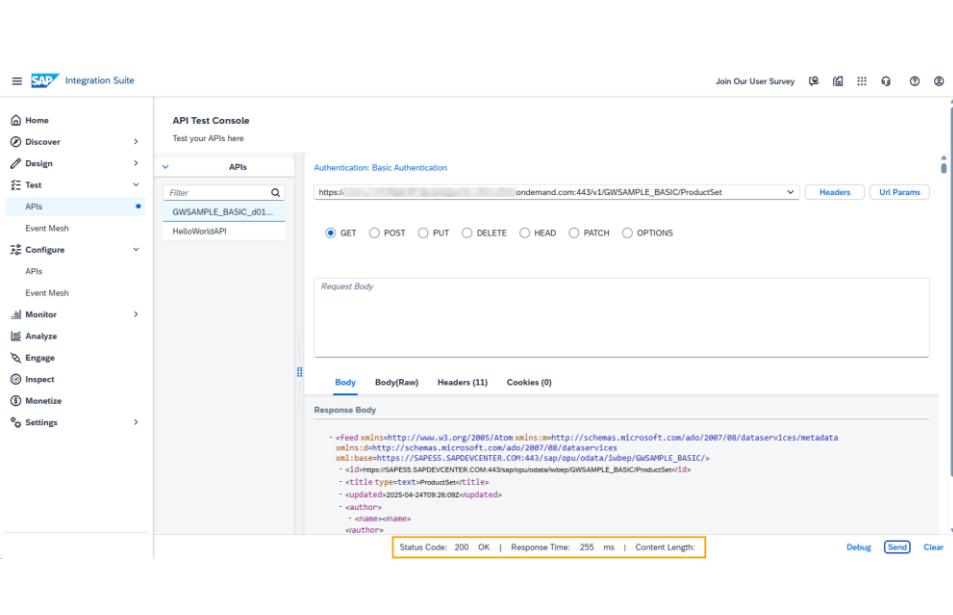
Explanation	Screenshot
<p>20. Choose <u>GWSAMPLE_Basic_d01_IL_v1</u>.</p>	
<p>21. Choose Resources.</p>	
<p>22. To collapse the <i>BusinessPartnerSet</i> pane, choose the arrow.</p>	

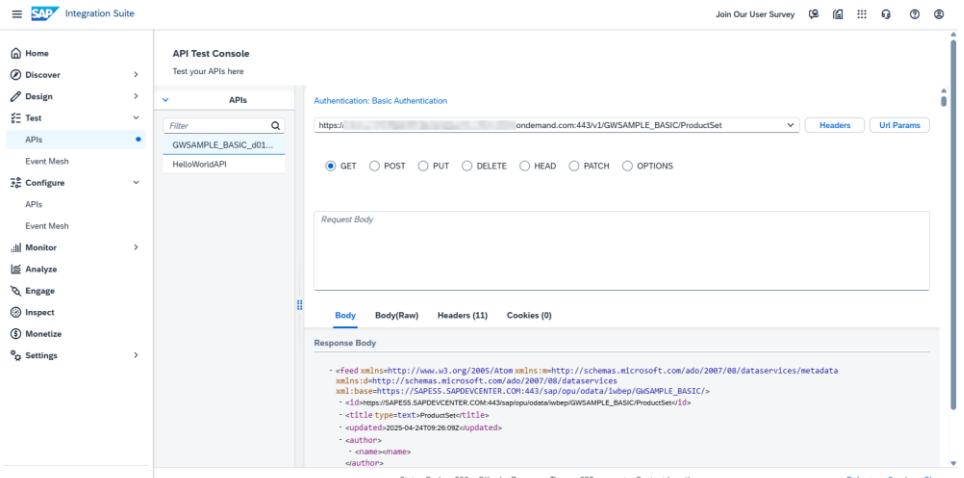
Explanation	Screenshot
<p>23. To expand the <i>ProductSet</i> pane, choose the arrow.</p>	
<p>24. Choose <i>Try out</i> GET/<i>ProductSet</i>.</p>	
<p>25. Select the scroll bar to scroll down.</p>	

Explanation	Screenshot
<p>26. Choose <i>Execute</i>.</p>	 <p>The screenshot shows the SAP Integration Suite interface. On the left, the navigation bar has 'APIs' selected under 'Configure'. In the main area, a proxy API named 'GWSAMPLE_BASIC_d01_IL_v1' is displayed. The 'Resources' tab is active. Below it, there's a 'Responses' section with a 'Code' dropdown set to '200' and a 'Description' field containing 'Retrieved entities'. A large blue 'Execute' button is centered at the bottom of the screen, with a yellow circle highlighting it.</p>
<p>i 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>This screenshot is similar to the previous one, but the 'Code' dropdown in the 'Responses' section is now set to '401'. The 'Details' tab is selected, showing the error message 'undocumented Response body' followed by a large block of XML response content.</p>
<p>27. Choose <i>Test</i>.</p>	 <p>The screenshot shows the SAP Integration Suite interface again. This time, the 'Test' option in the 'Configure' menu is highlighted with a yellow circle. The rest of the interface is identical to the previous screenshots, showing the 'GWSAMPLE_BASIC_d01_IL_v1' proxy configuration.</p>

Explanation	Screenshot
<p>28. Choose APIs.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The left sidebar has a navigation menu with options like Home, Discover, Design, Test, Configure, APIs, Event Mesh, Engage, Inspect, Monetize, and Settings. The 'Test' menu is currently selected. Under 'Test', the 'APIs' option is highlighted with a yellow box and a circled number 28. The main area shows a proxy configuration for 'GWSAMPLE_BASIC_d01_IL_v1'. The 'Resources' tab is active, displaying a mapping rule '\$expand ameyeting(query)' with a target endpoint 'ToSupplier' and source 'ToSalesOrderLineItems'. Below this is a 'Responses' section with a 'Server response' table showing a 401 unauthorized error with a detailed response body.</p>
<p>29. Choose GWSAMPLE_BASIC_d01_IL_v1.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The left sidebar has a navigation menu with options like Home, Discover, Design, Test, Configure, APIs, Event Mesh, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The 'Test' menu is currently selected. Under 'Test', the 'APIs' option is highlighted with a yellow box and a circled number 29. The main area shows the 'API Test Console' for the 'GWSAMPLE_BASIC_d01...' API. It displays a list of endpoints: 'HelloWorldAPI' and 'BusinessPartnerSet'. The 'HelloWorldAPI' endpoint is selected. The request method dropdown shows 'GET' is selected. The 'Request Body' and 'Response Body' sections are visible at the bottom.</p>
<p> Note: In the address navigation menu, after /GWSAMPLE_BASIC , add /ProductSet to the end of the path. The GET method is automatically selected.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The left sidebar has a navigation menu with options like Home, Discover, Design, Test, Configure, APIs, Event Mesh, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The 'Test' menu is currently selected. Under 'Test', the 'APIs' option is highlighted with a yellow box and a circled number 29. The main area shows the 'API Test Console' for the 'GWSAMPLE_BASIC_d01...' API. It displays a list of endpoints: 'HelloWorldAPI' and 'BusinessPartnerSet'. The 'BusinessPartnerSet' endpoint is selected. The request method dropdown shows 'GET' is selected. The 'Request Body' and 'Response Body' sections are visible at the bottom.</p>

Explanation	Screenshot
<p>30. Choose Authentication: None.</p>	 <p>The screenshot shows the SAP Integration Suite interface. In the left sidebar, under 'Test', 'APIs' is selected. In the main area, the 'API Test Console' is open with the URL 'https://ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'. The 'Authentication' dropdown menu is open, showing 'None' and 'Basic Authentication'. The 'None' option is highlighted with a yellow box and a yellow circle containing the number '30'.</p>
<p>31. Choose Basic Authentication.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The 'Authentication' dropdown menu is open, showing 'None' and 'Basic Authentication'. The 'Basic Authentication' option is highlighted with a yellow box and a yellow circle containing the number '31'.</p>
<p> Note: Enter your user and password for the ES5 system. Afterward, choose the OK button.</p>	 <p>The screenshot shows the SAP Integration Suite interface. The 'Basic Authentication' dialog box is open, prompting for 'User Name' and 'Password'. The 'User Name' field contains 'ondemand' and the 'Password' field is empty. There are 'OK' and 'Cancel' buttons at the bottom of the dialog. The background shows the API Test Console with the URL 'https://ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'.</p>

Explanation	Screenshot
32. Choose OK.	
33. Choose Send.	
<p>i Note: 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>	 <pre data-bbox="806 1754 1319 1843"> <feed xmlns="http://www.w3.org/2005/Atom" xmlns:m="http://schemas.microsoft.com/ado/2007/08/dataservices/metadata" xmlns:d="http://schemas.microsoft.com/ado/2007/08/dataservices" xmlns:i="http://www.w3.org/2005/08/atom/ns#"> <@base href="https://SAPESS-APDEVCENTER.COM:443/sap/opu/odata/sap/GWSAMPLE_BASIC/"> <id>https://SAPESS-APDEVCENTER.COM:443/sap/opu/odata/sap/GWSAMPLE_BASIC/ProductSet</id> <i:title type="Text">ProductSet</i:title> <i:updated>2025-04-24T09:26:09Z</i:updated> <author> <i:name>System</i:name> <i:uri></i:uri> </author> </pre>

Explanation	Screenshot
authentication credentials.	
<p> You have now successfully created an API proxy based on a predefined API provider.</p>	 <p>The screenshot shows the SAP Integration Suite API Test Console. The left sidebar navigation bar is visible with various options like Home, Discover, Design, Test, APIs, Configure, Monitor, Analyze, Engage, Inspect, Monetize, and Settings. The 'APIs' section is selected. In the main area, the title 'API Test Console' and subtitle 'Test your APIs here' are displayed. A dropdown menu under 'APIs' shows 'Filter' and 'GWSAMPLE_BASIC_d01...'. Below it, 'HelloWorldAPI' is listed. On the right, the 'Authentication' section is set to 'Basic Authentication' with the URL 'https://[REDACTED] ondemand.com:443/v1/GWSAMPLE_BASIC/ProductSet'. Method selection buttons for GET, POST, PUT, DELETE, HEAD, PATCH, and OPTIONS are shown, with GET selected. The 'Request Body' field is empty. Below the method buttons, tabs for 'Body', 'Body(Raw)', 'Headers (11)', and 'Cookies (0)' are present, with 'Body' selected. The 'Response Body' section displays XML response data. At the bottom, status code '200 OK', response time '255 ms', and content length are shown, along with 'Debug', 'Send', and 'Clear' buttons.</p>