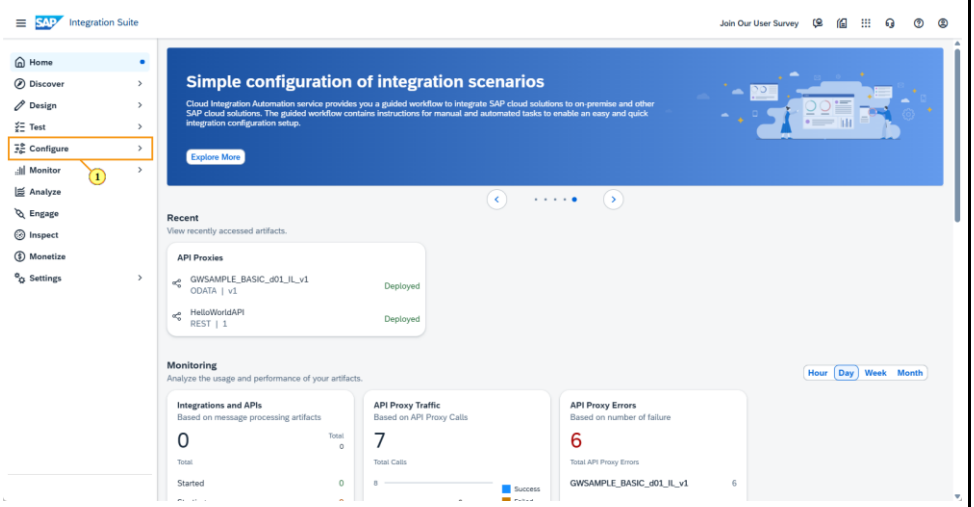
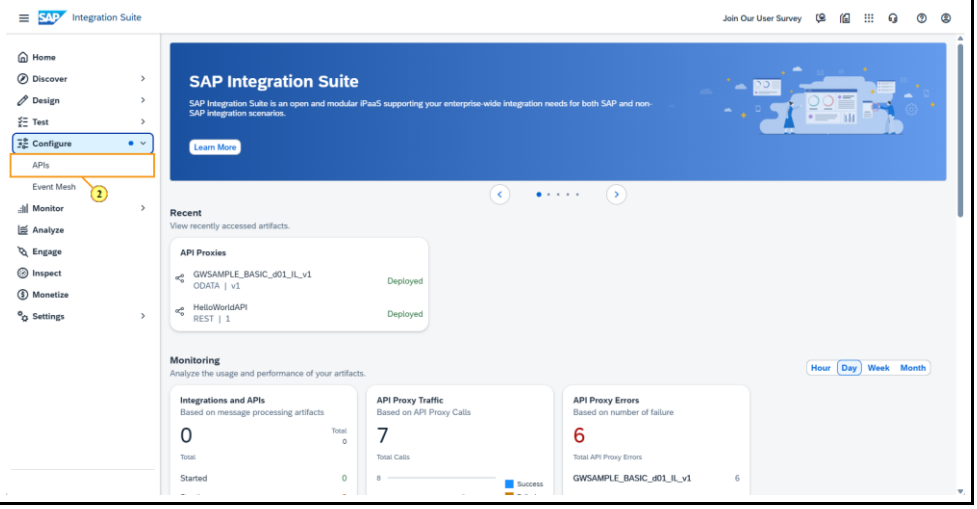
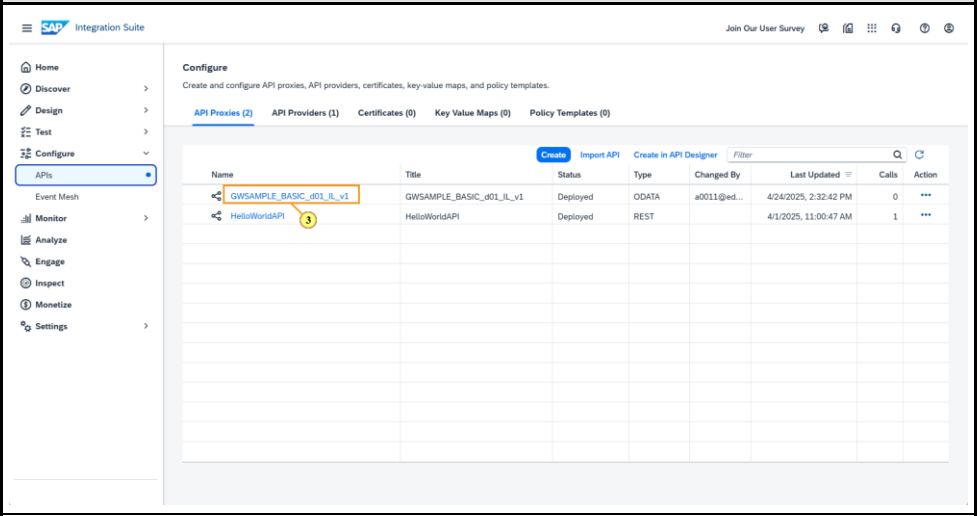
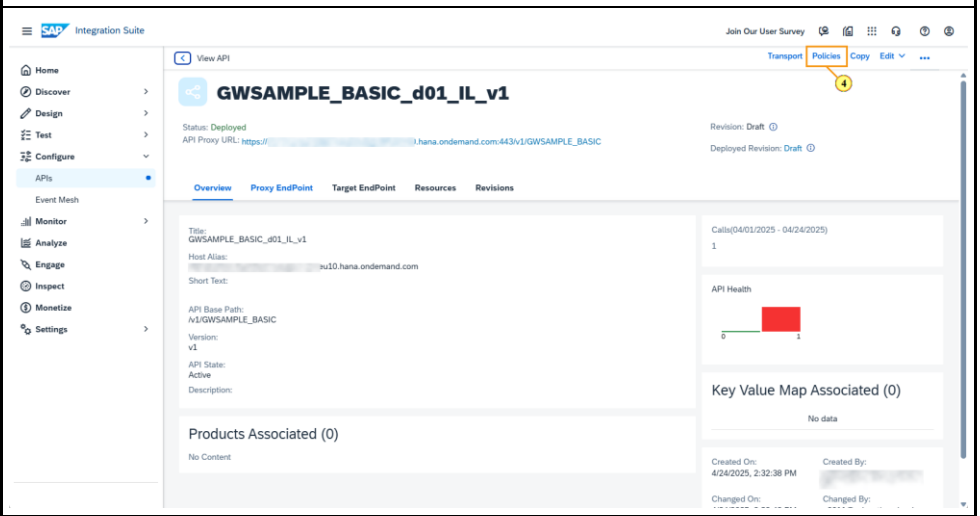
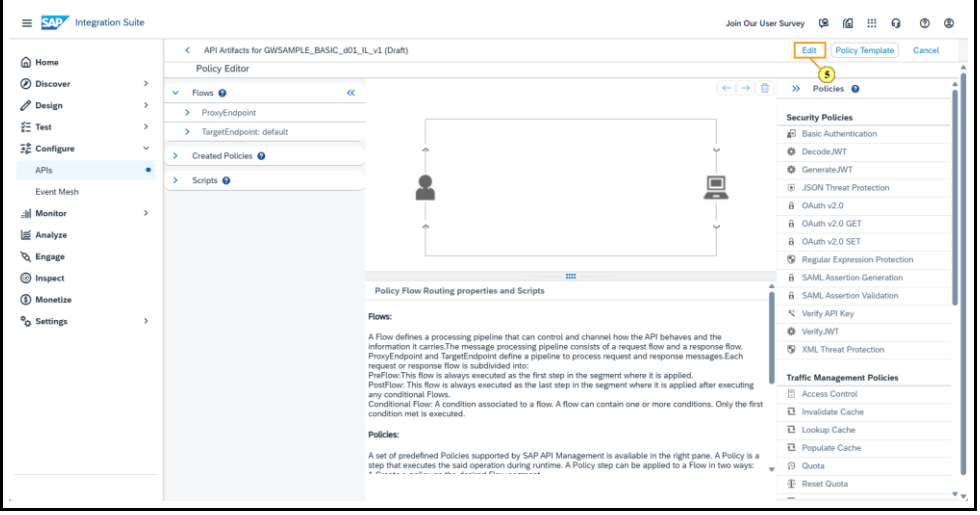
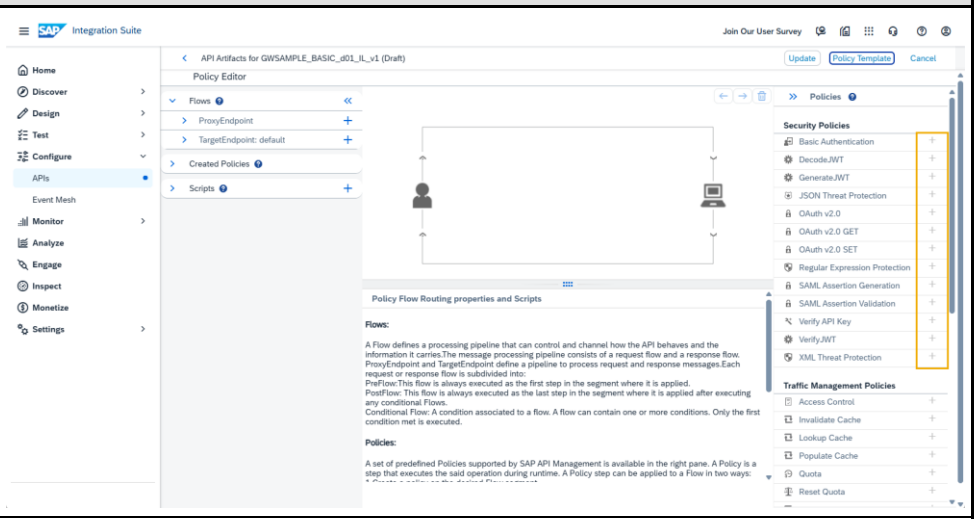
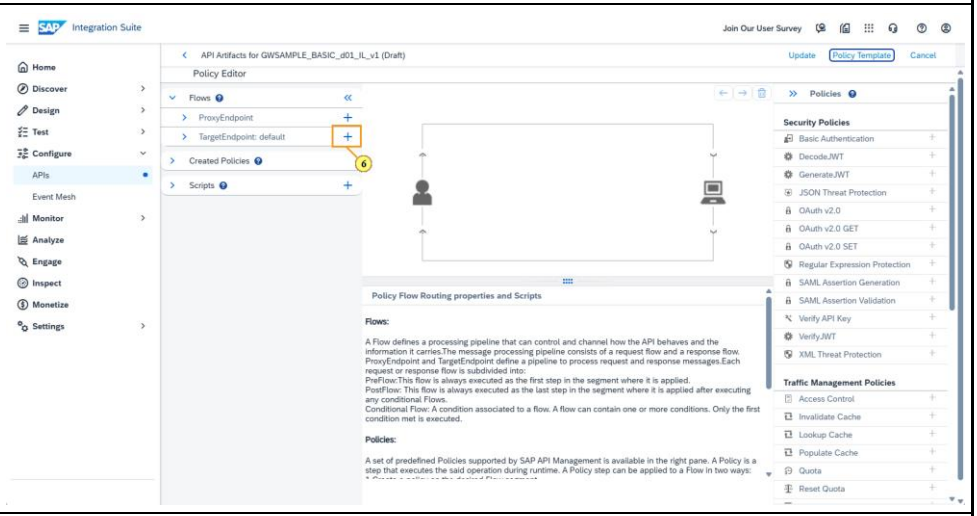
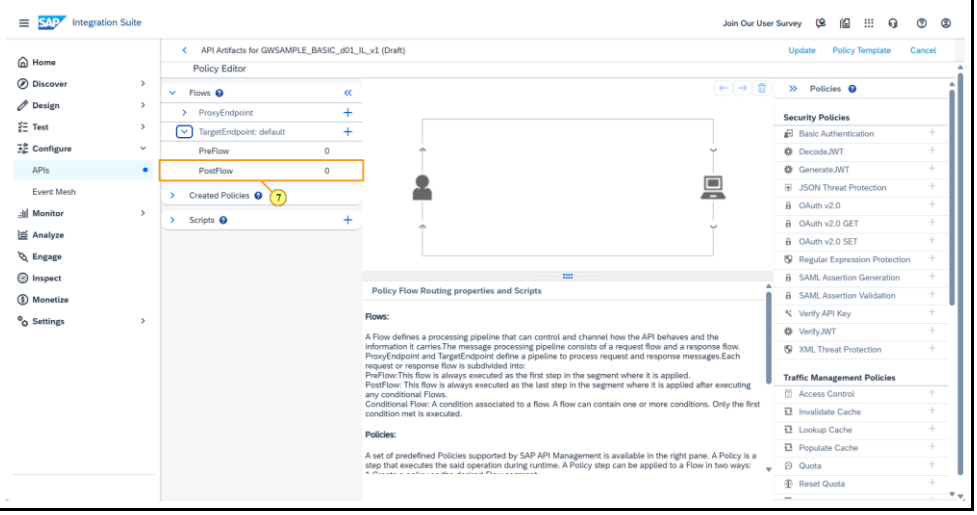
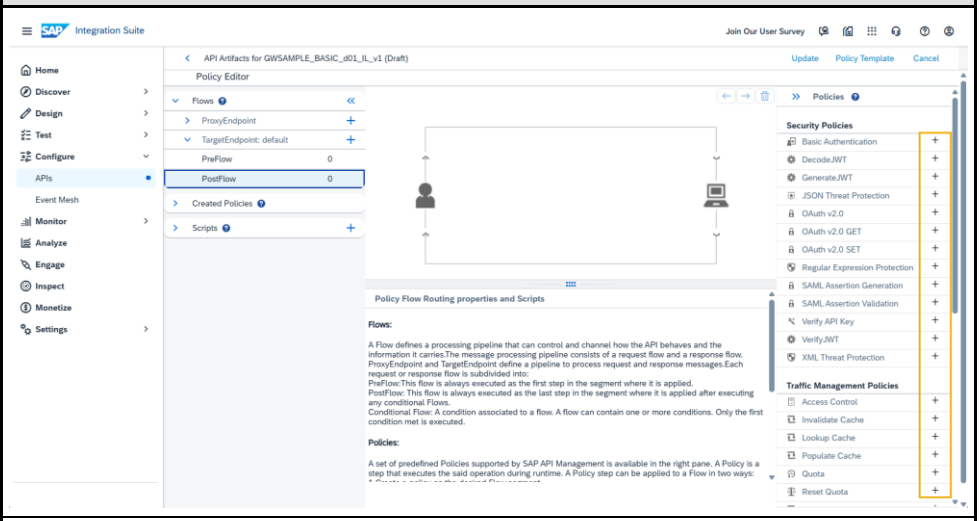
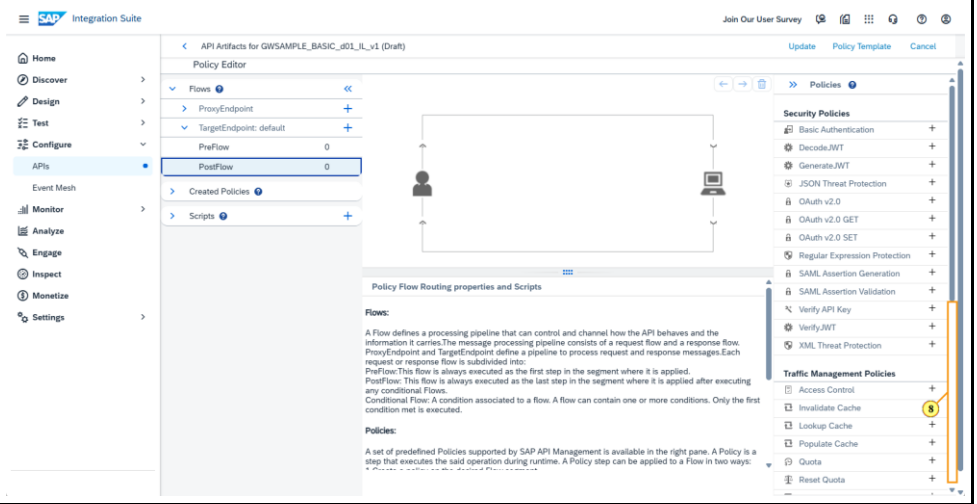
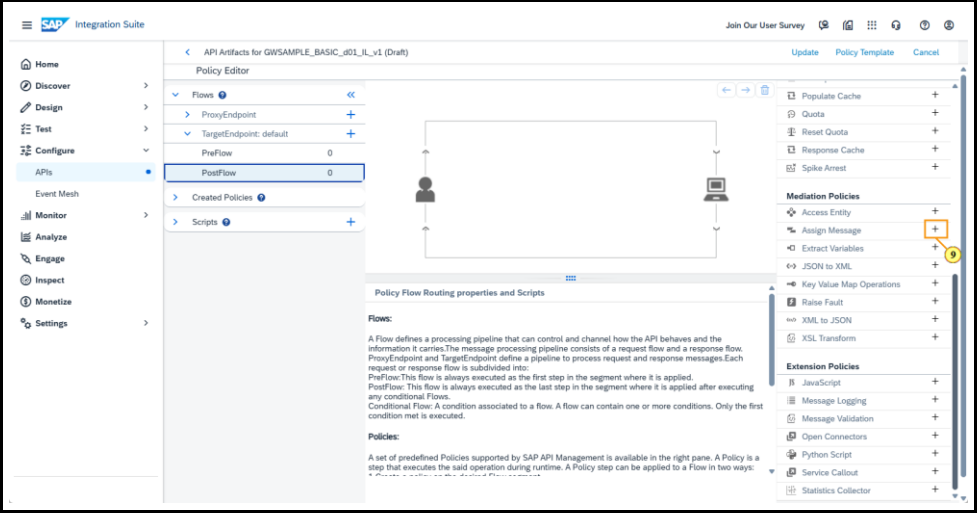
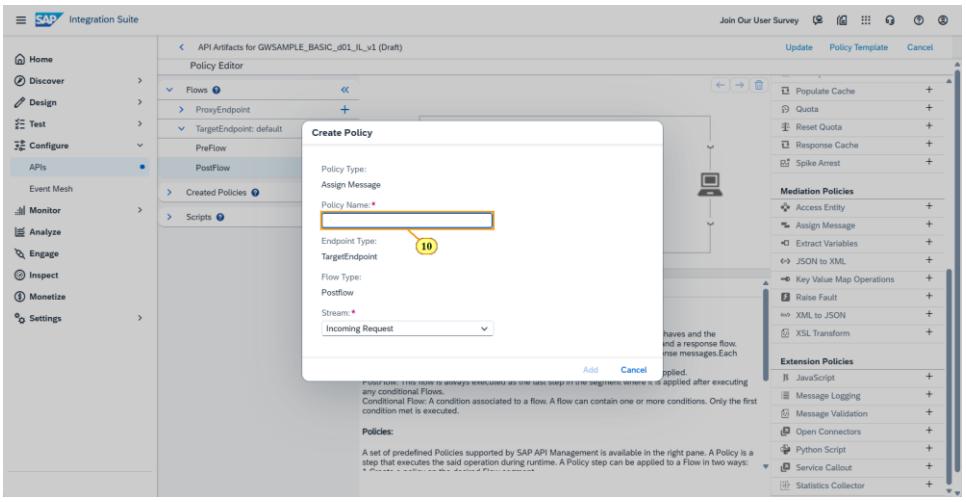
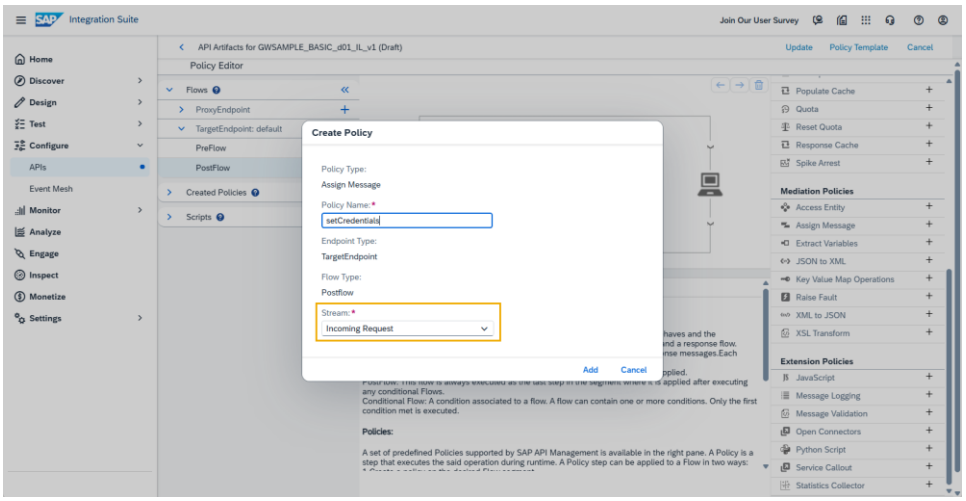
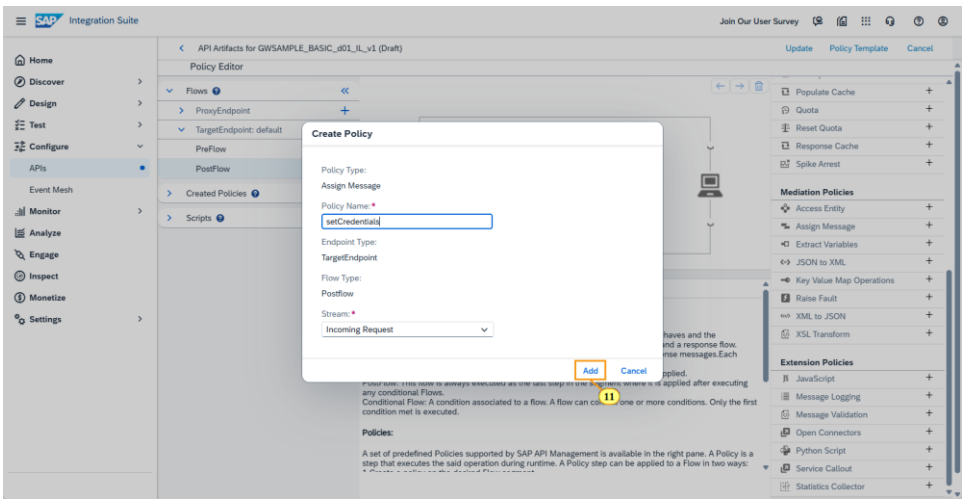
Add Policies for Basic Authentication Against the ES5 Demo System

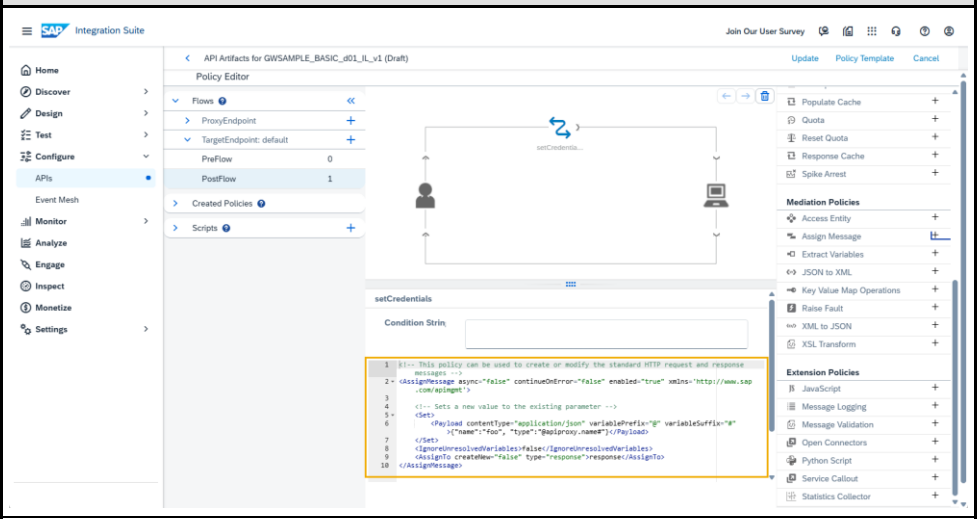
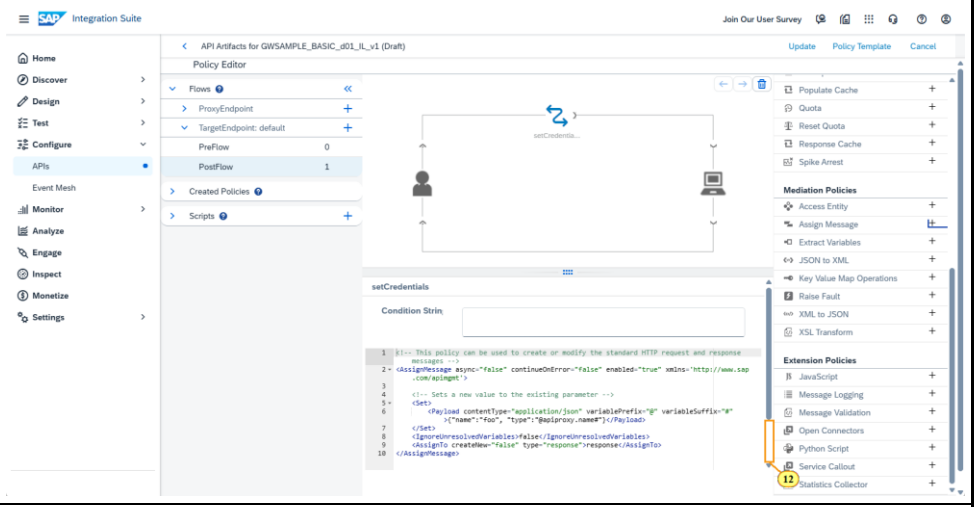
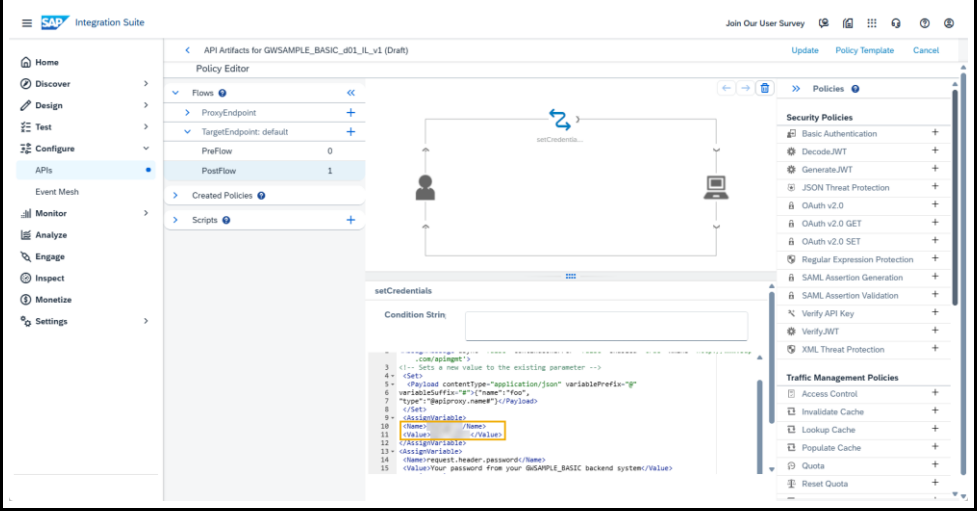
Explanation	Screenshot
ⓘ To use the interfaces in API management, authentication against the source interface is necessary, which is accomplished through a policy implementation. ⓘ In this exercise, you will add policies for basic authentication against the ES5 demo system. ⓘ In the following steps, you will add the message policy. 1. Choose *Configure*.	
2. Choose *APIs*.	

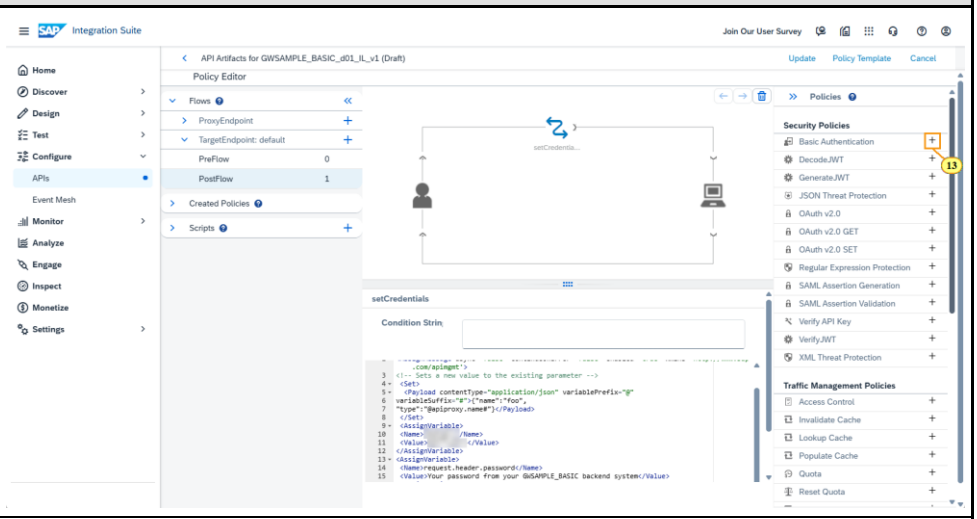
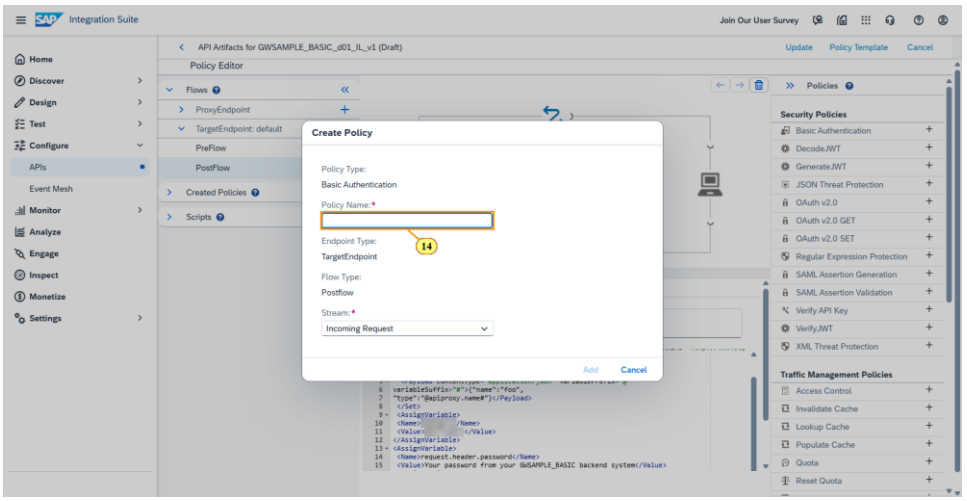
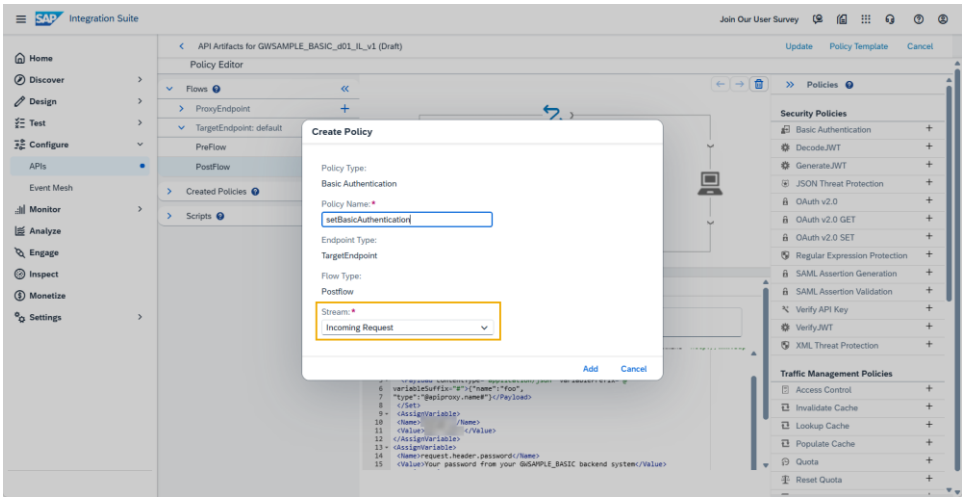
Explanation	Screenshot
3. Choose *GWSAMPLE_BASIC_d01_IL_v1.*	
4. Choose *Policies.*	
5. Choose *Edit.*	

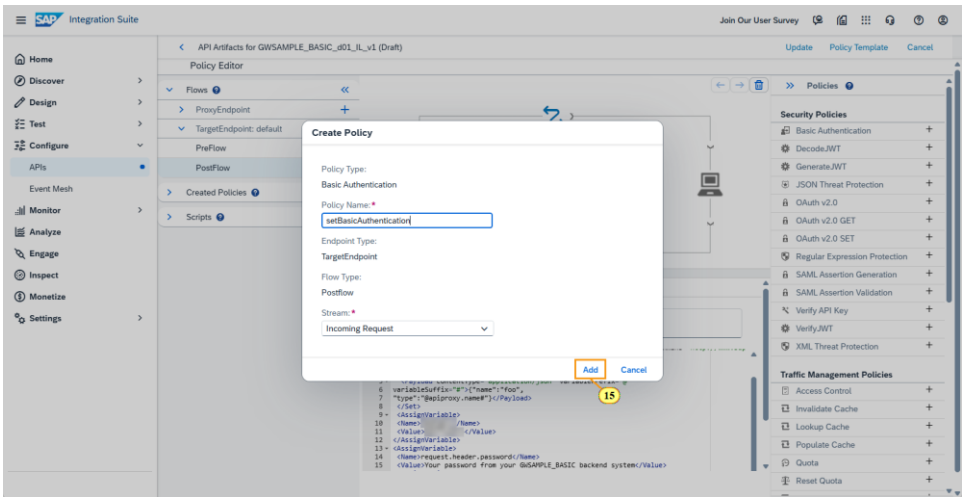
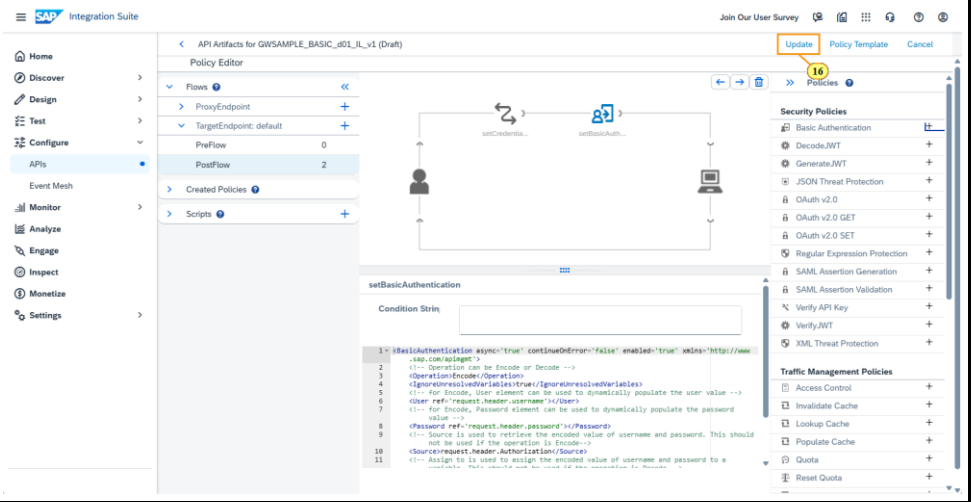
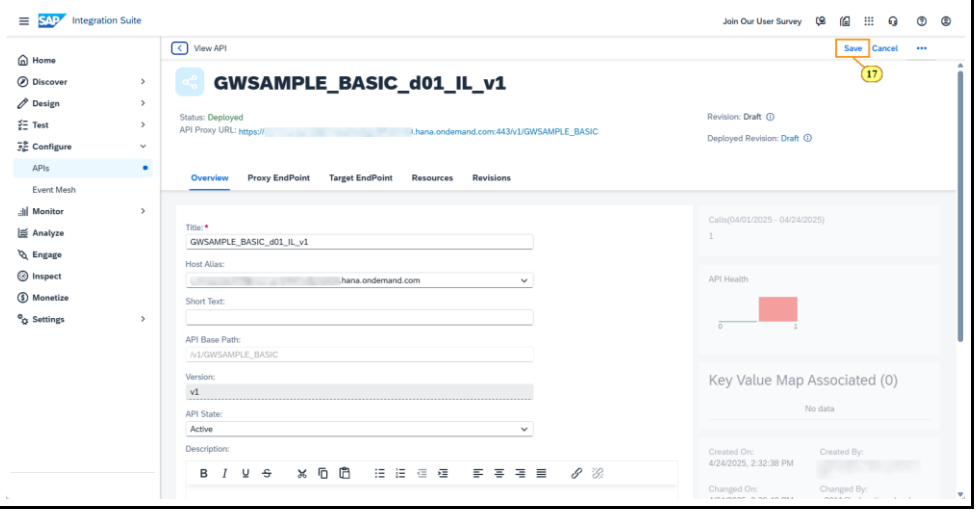
Explanation	Screenshot
ⓘ Note: You can see the grey plus symbols under security policies.	
6. Choose *Target Endpoint.*	
7. Choose *PostFlow.*	

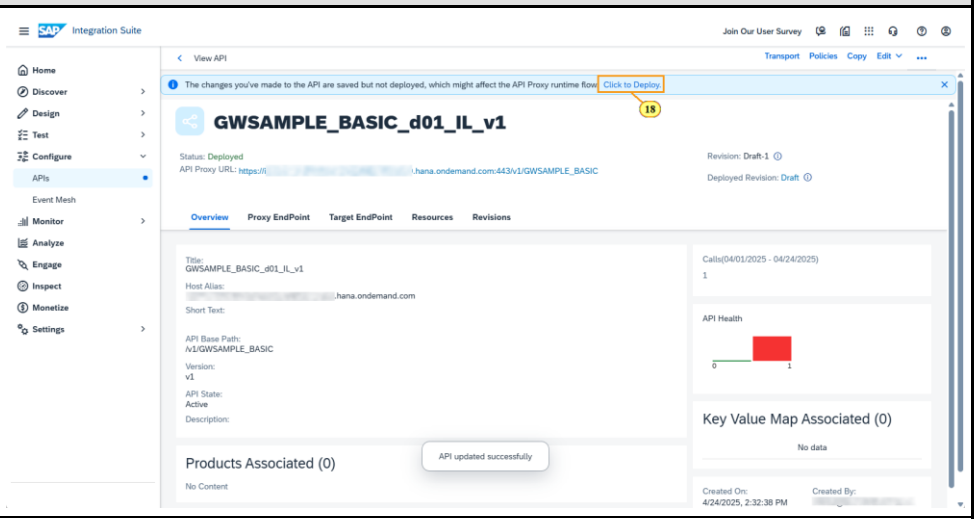
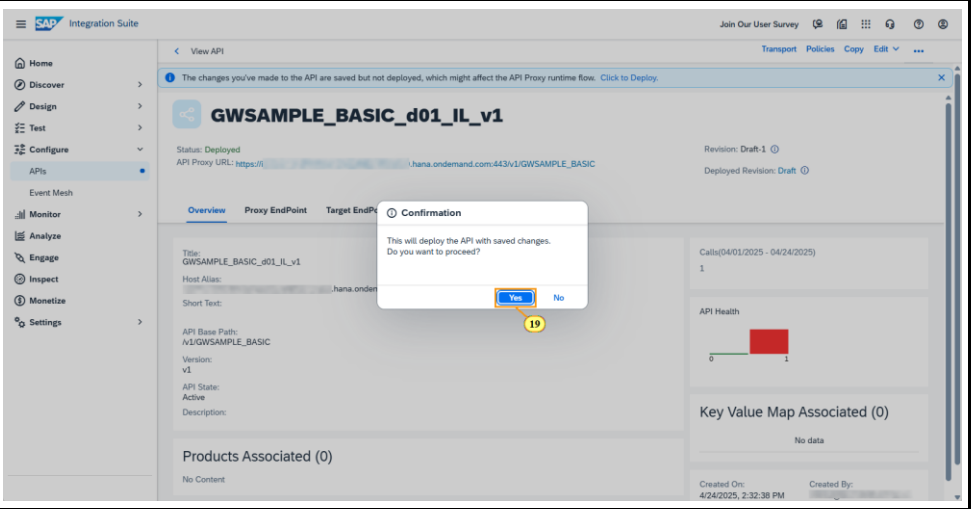
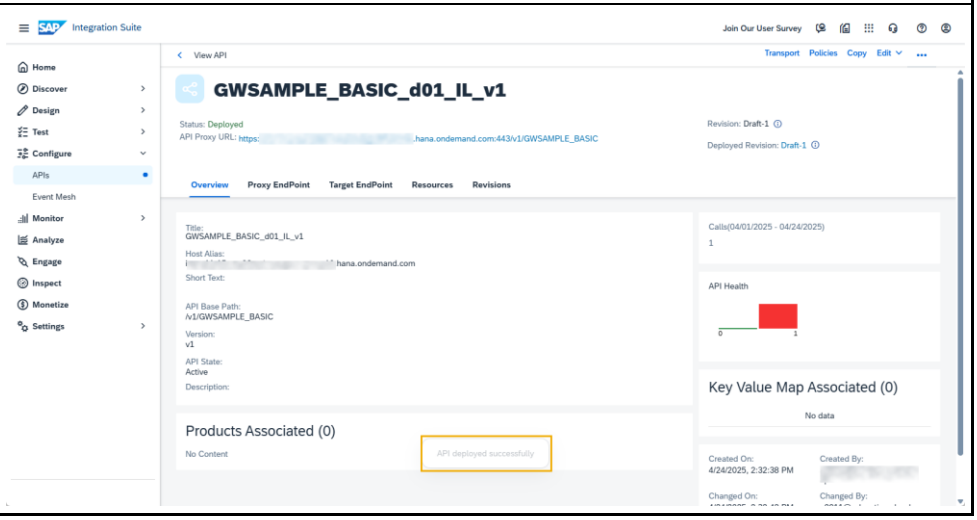
Explanation	Screenshot
ⓘ Note: The plus signs are now black and usable.	
8. Select the scroll bar to scroll down.	
9. Choose *Assign Message.*	

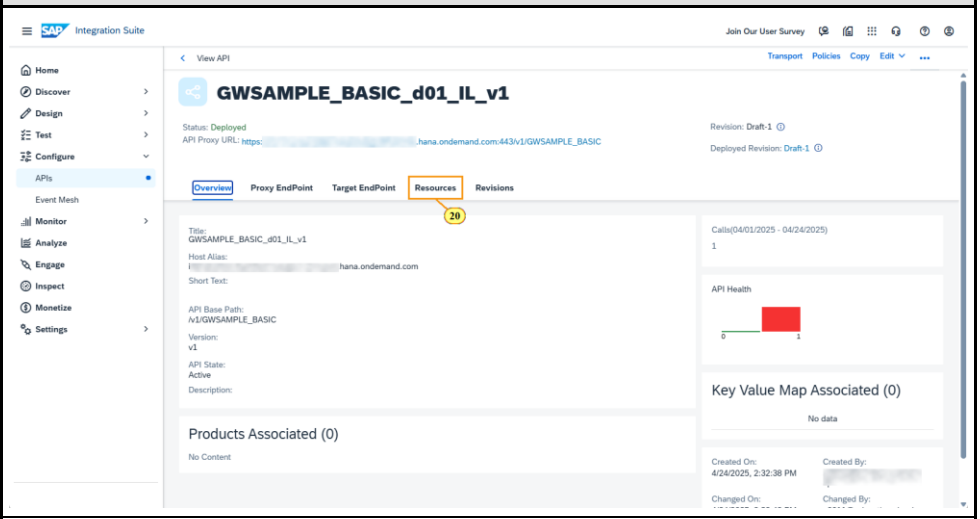
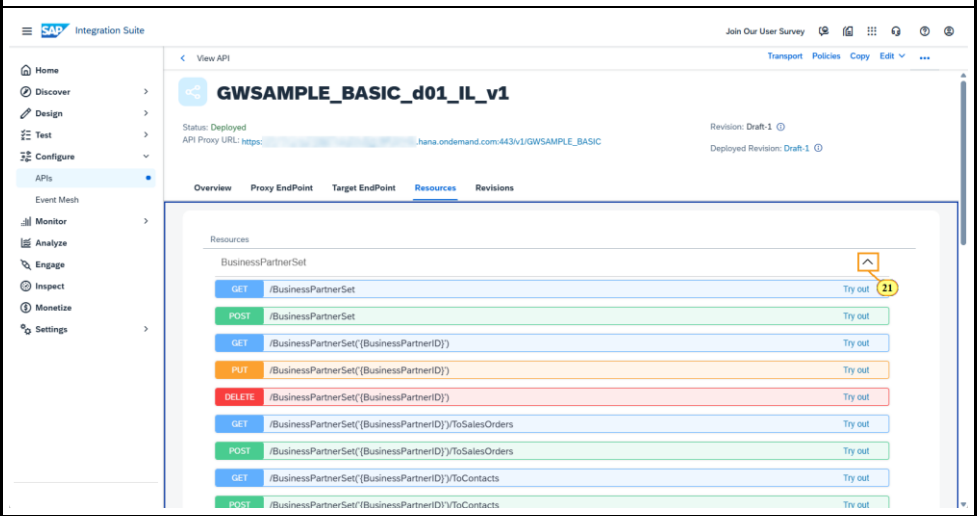
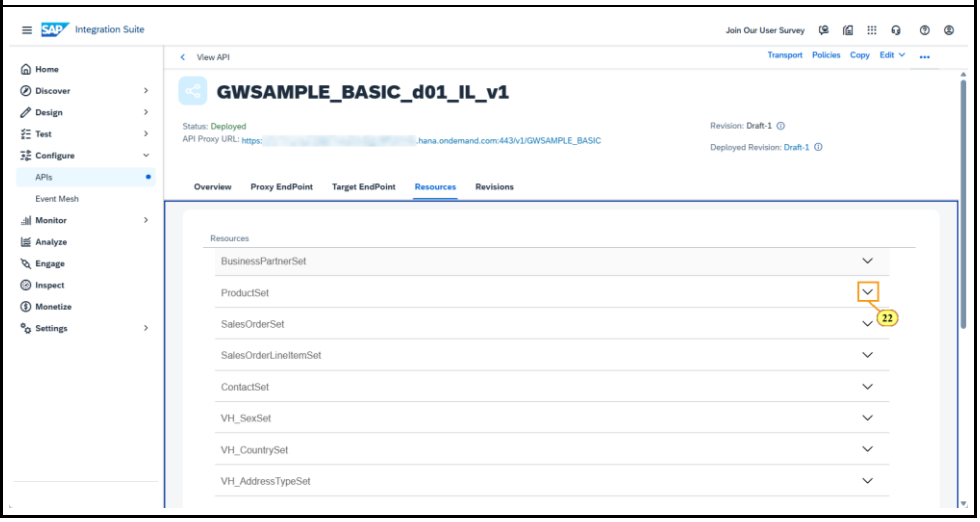
Explanation	Screenshot
10. In the *Policy Name* field, enter **setCredentials**.	
ⓘ Note: In the stream field, the Incoming Request is maintained by default.	
11. Choose *Add.*	

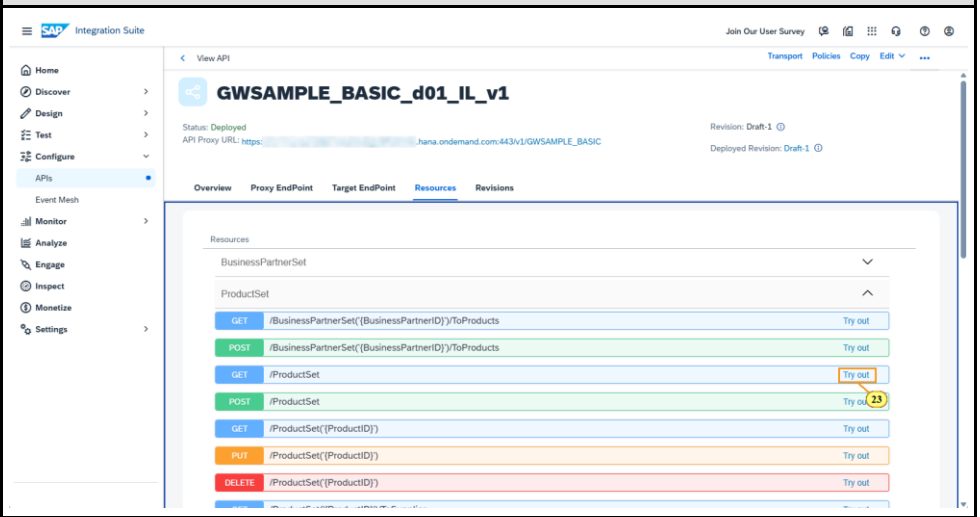
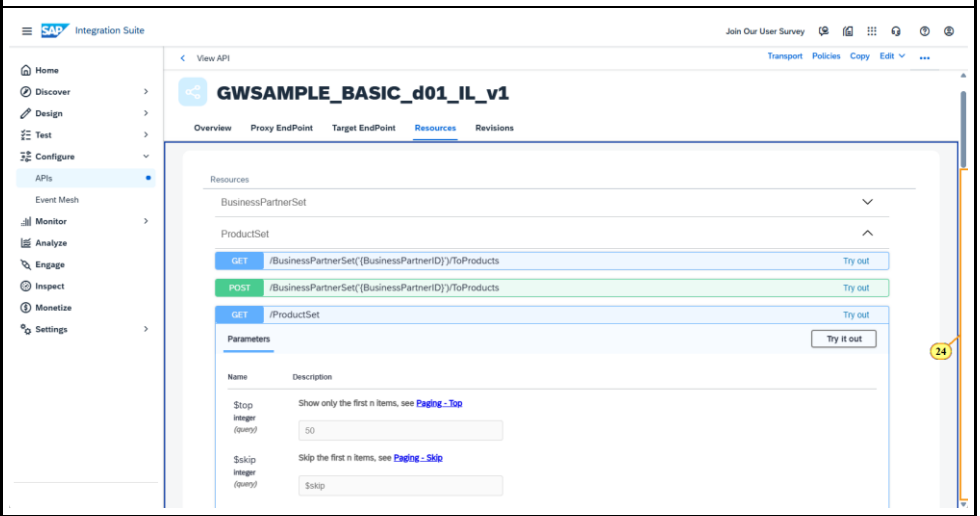
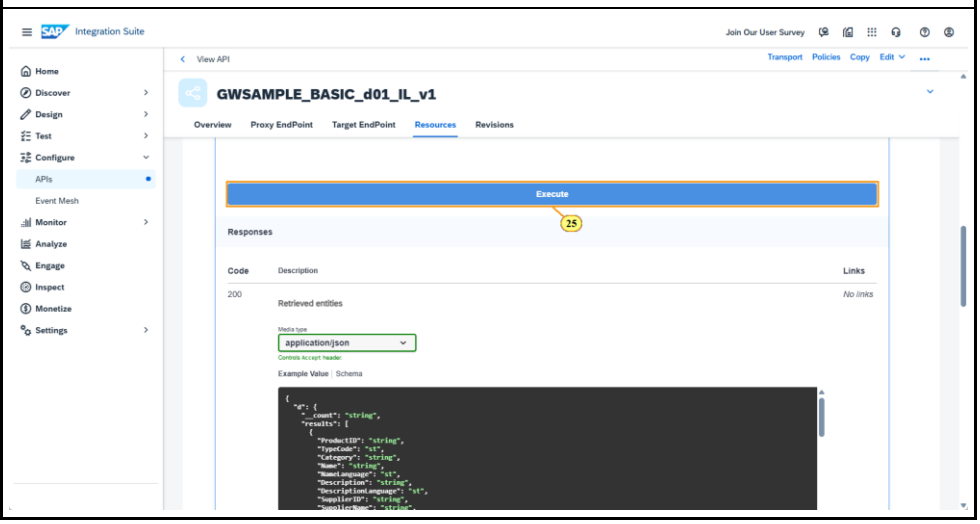
Explanation	Screenshot
ⓘ Note: In the XML editor, you will enter the following code via copy-paste.	
12. Select the scroll bar to scroll down.	
ⓘ Note: Now, you have defined two variables, request.header.username and the request.header.password.	

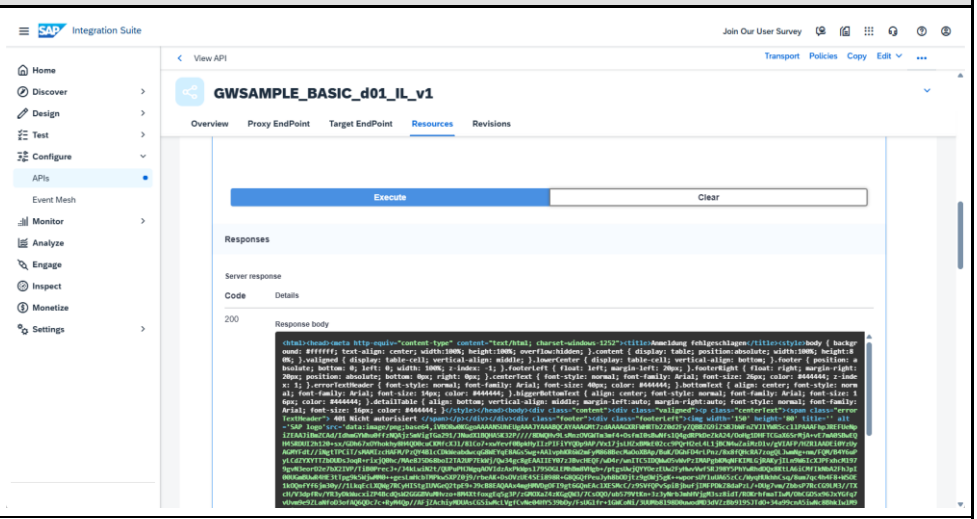
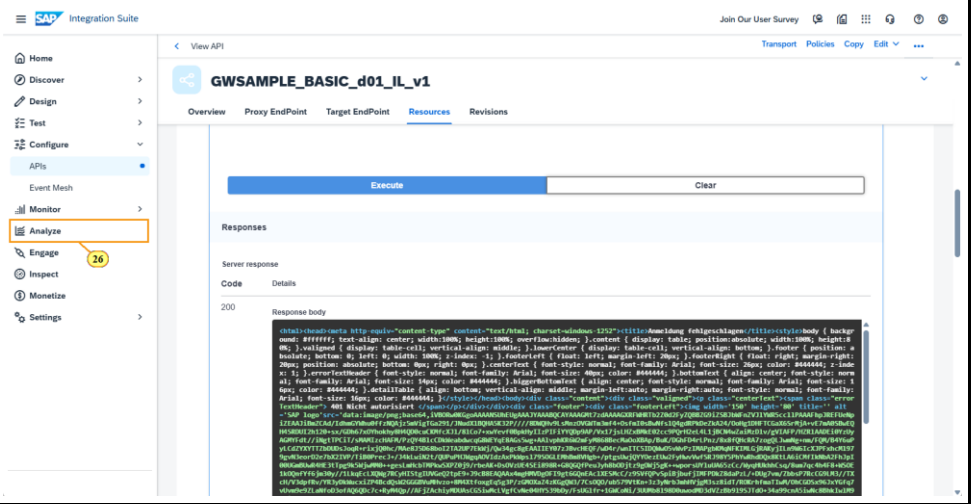
Explanation	Screenshot
ⓘ In the following steps, you will add the basic authentication policy. 13. Choose *Basic Authentication.*	
14. In the *Policy Name* field, enter **setBasicAuthentication**.	
ⓘ Note: In the stream field, the Incoming Request is maintained by default.	

Explanation	Screenshot
15. Choose *Add.*	
16. Choose *Update.*	
17. Choose *Save.*	

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

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

Explanation	Screenshot
23. Choose *Try out GET/ProductSet.*	
24. Select the scroll bar to scroll down.	
25. Choose *Execute.*	

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