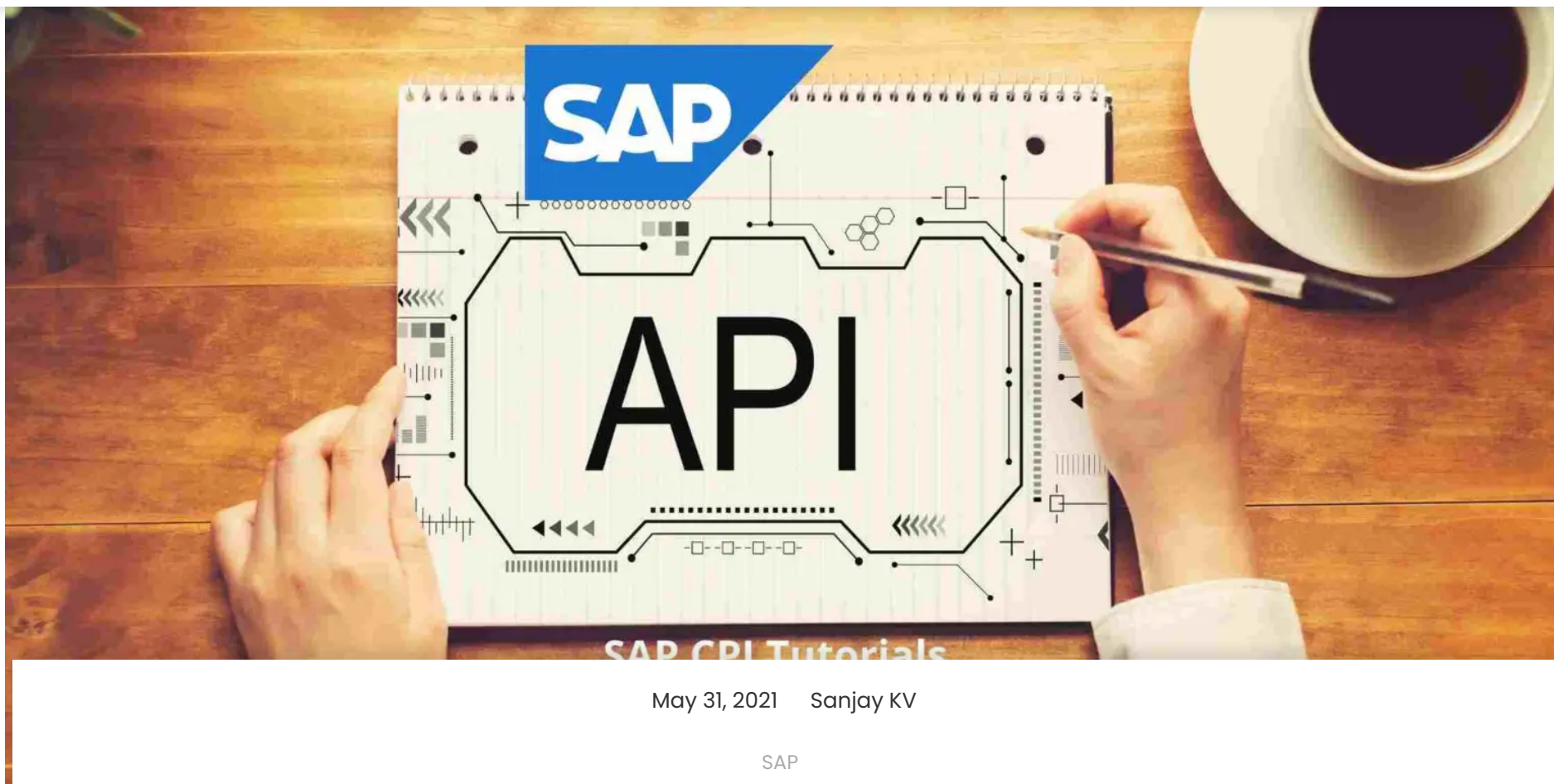


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TECH BLOG





May 31, 2021 Sanjay KV

SAP

## SAP CPI API Management – CPI Tutorials

In this post will look into how to test SAP CPI and usage of API in the cloud platform Integrations. You must have done an end-to-end integration flow before proceeding and have download the required software for testing like Postman or SOAP. If you have not done end-to-end flow, please refer to the [SAP CPI Tutorials](https://recodehive.com/sap-cpi-api-management-cpi-tutorials/) to proceed further.

## Menu

The screenshot shows the SAP Cloud Platform Cockpit interface. On the left, a navigation menu has 'Services' highlighted with a red circle '1'. Under 'Services', 'Service Instances' is selected with a red circle '2'. The main area displays 'Subaccount: trial - Service Instances' with a 'Create Instance' button. Below this is a table of service instances. The first instance is 'Cloud integration Trial' with service 'Process Integration Runtime (it-rt)', plan 'integration-flow', space 'dev', and status 'Created'. A red circle '3' is next to the 'Created' status. On the right, a sidebar shows details for the 'Cloud integration Trial', including 'Service: Process Integration Runtime (it-rt)', 'Plan: integration-flow', 'Space: dev', and 'Status: Created'. A red circle '4' is next to the 'View Credentials' button.

**Step 2:** After this click on the Cloud integration trial this will be based on the name you gave while setting up the tenant. Head to view credentials and copy the credentials. This may need in the future.

**Step 3:** Once you did that Go to Design, Develop, and Manage API, in the SAP Cloud **Platform Integration Suite**.

The screenshot shows the 'Welcome to SAP Cloud Platform Integration Suite' page. The header says 'Simplify and accelerate enterprise integration and quickly transform your business into an Intelligent Enterprise'. Below this is a 'Capabilities' section with the text 'Develop and manage enterprise-wide integration across heterogeneous landscapes.' A red arrow points from this text to a card titled 'Design, Develop, and Manage APIs'. This card is highlighted with a red border and contains the sub-header 'API Management' and the description 'Create simple digital experiences for your consumers, partners, and employees.' Other cards include 'Design, Develop, and Operate Integration Scenarios', 'Extend Non-SAP Connectivity', 'Implement Interfaces and Mappings', and 'Manage Capabilities'.

**Step 5:** Select the radio button URL and paste the URL you copied. Now name the details as follows then click on create.

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**Step 6:** Here you need to add the resource, Click on Add and Resource details.

**Step 7:** Once you added all information click on Deploy, The API will be Deployed now. Make sure you delete all the tab expect post

**Step 8:** Developer can click on edit and click on API designer to see the backend code.

**Step 9:** Now you can see the Request product details click on try out to execute the API Resource created.



## Assigning Policy Template

**Step 10:** Click on Discover button and need to select standard Package provided by SAP as shown below.

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**Step 11:** Go to Artifacts and click on copy under Actions. This will create a copy of the artifacts.

**Step 12:** Click on the developr option from the API Portal.

**Step 13:** Proceed with click on API from the list (Req Prod)

**Step 14:** Click on Edit button and click on policies. What we need to do now is to apply the policies template.

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**Step 15:** Click on Apply the policy template.

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**Step 16:** Click on Policy Editor and click preFlow this will initialise the flow and provide the necessary details as highlighted below.

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**Step 17:** Now you need to Authorize the token, click on this icon has highlighted below. Enter the url you copied before and click on the update button to proceed.

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**Step 18:** Click on try out and Execute the Resource.

## FINAL VERDICT :

In conclusion, I hope you enjoyed reading this article on “**SAP CPI API Management – CPI Tutorials**”, If that’s the case, don’t forget to tell everyone about it. We’d love to hear from you, and if you have any questions, please don’t hesitate to contact us. Signing off [sanjay@recodehive.com](mailto:sanjay@recodehive.com)

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