

Displaying SAP Transaction as Internet Application in Portal

Summary

This article explains how we can display SAP transaction as Internet Application Components (IAC) in portal to make it simpler for the end user and change the look and feel.

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Defining SAP Transaction as Internet Applications

SAP system transactions may be defined to run as Web transactions (IACs). When defining Web transactions, you can change the screen layout to meet your own needs.

1. Internet Application Component (IAC)

1.1. Definition

Internet Application Components (IACs) allow intranet and Internet users to access business information in SAP system by starting transactions, functions and reports from a Web browser.

1.2. Use

Like all SAP transactions, IACs are developed in the SAP system using SAP's integrated development environment, the ABAP Workbench, but are designed to work as Internet or intranet scenarios.

1.3. Defining Web Transactions (IACs)


SAP system transactions may be accessible as IACs (also known as Web transactions). In this case, executed transactions find all of the information they need for the front-end presentation layer in its own service file and templates. This includes the transaction code that must be started in the SAP system (defined with the parameter `~transaction` in the service file).

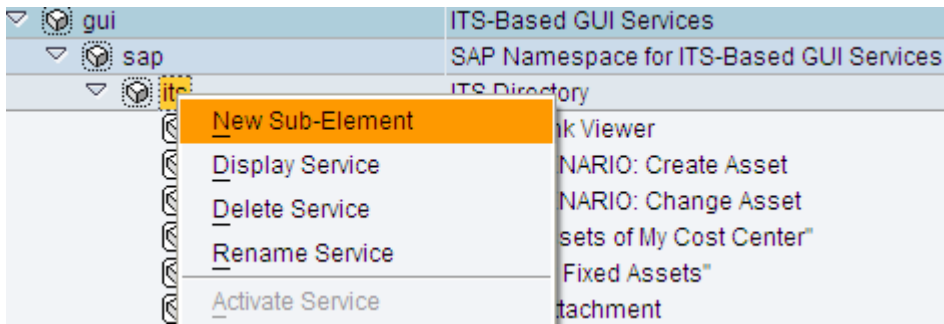
2. Steps to display the SAP Transaction as Internet Application Component (IAC) in Portal

The following three tasks have to be performed step by step

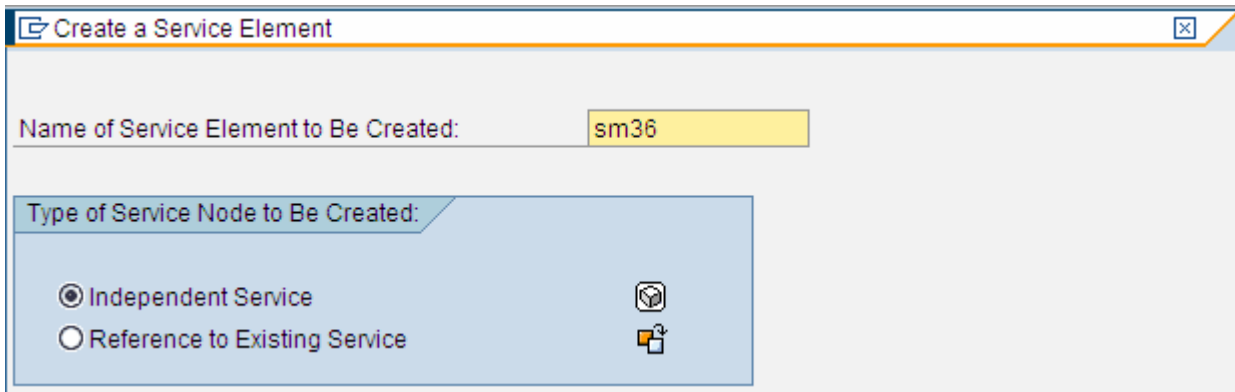
- Creating the IAC
- Activating the IAC
- Creating an IAC iview in the portal

2.1 Creating an IAC

Go to transaction **sicf**. Click on the  button. Under **Virtual Host / Services** expand **Default_host > SAP > bc > gui > sap > ITS**. Now right click over **ITS** and select **New Sub-Element**.

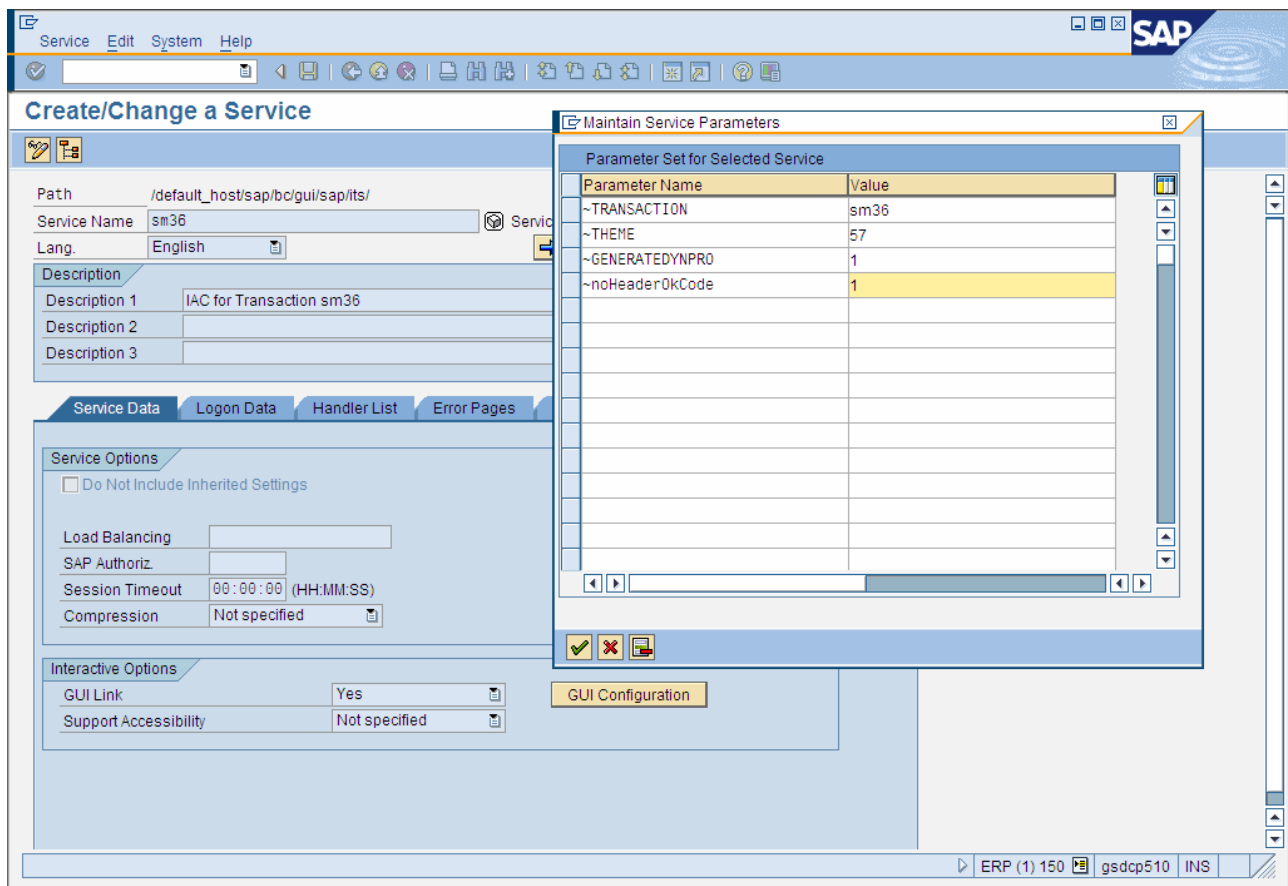


In the new dialog box give the name of the service.

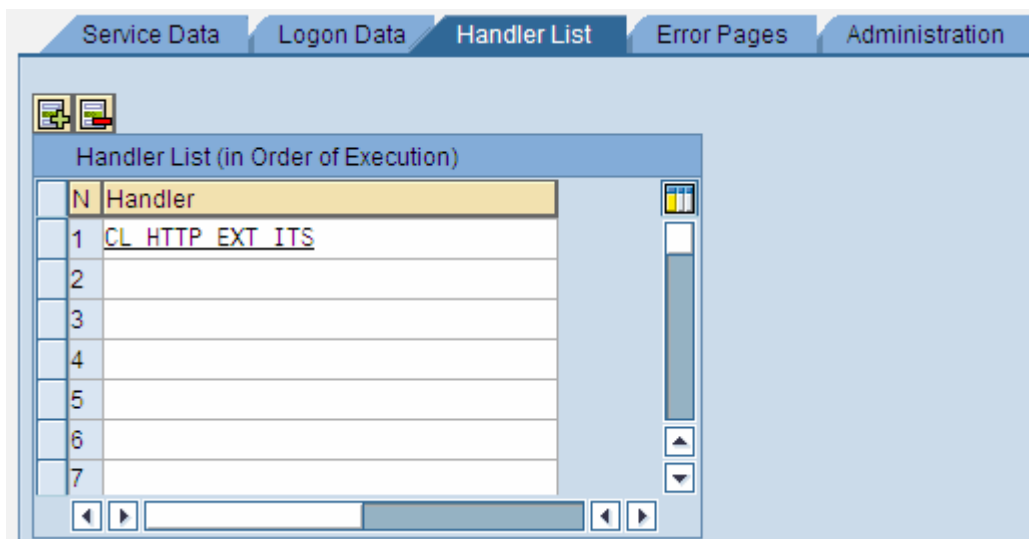


Now write a description in the description box. In the drop box corresponding to **GUI Link** select the option **Yes**. Now click the **GUI Transaction** button and enter the parameters as shown below.

Parameter Name	Value
~TRANSACTION	sm36
~THEME	99
~generateDynpro	1
~noHeaderOkCode	1



Now go to the tab **Handler List** and maintain the parameter **CL_HTTP_EXT_ITS**.

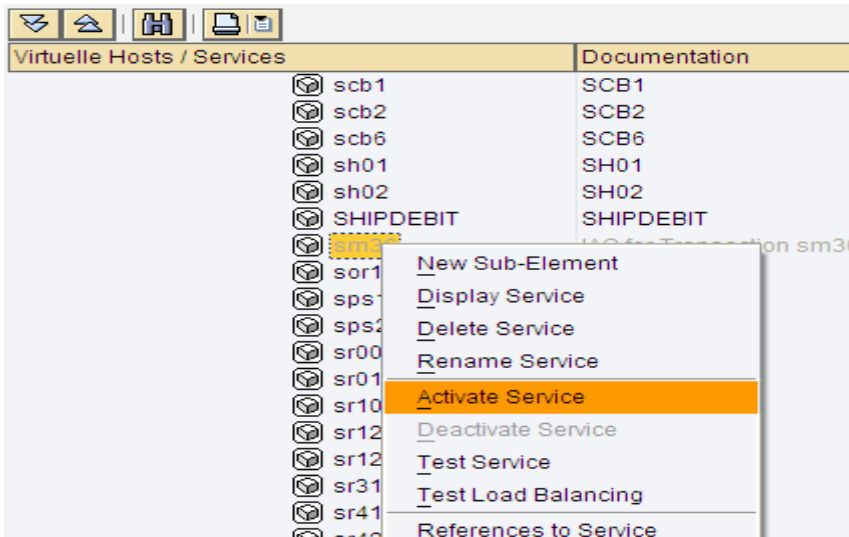


Now click on the  button from the top and save it.

You can now see the service under **ITS**.

2.2 Activating the service

After saving the IAC, we need to activate the service. Select the service under **ITS**, right click over it and select **Activate Service**. The service will get activated.

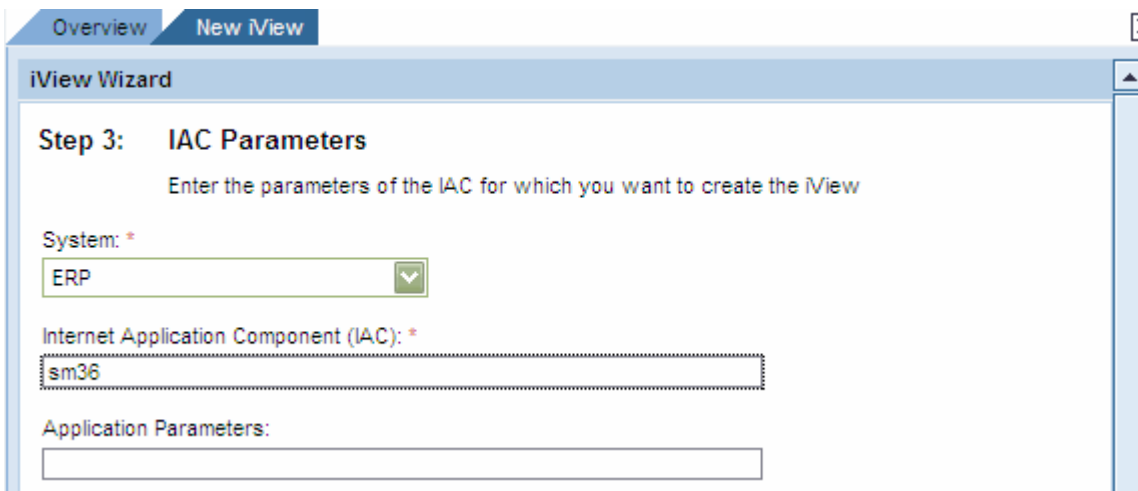


2.3 Creating an IAC iView in the portal

We need to create an iView which in tern will use a system to connect to the ITS. In the WAS property of the system maintain the following property

- Web As Host Name** <FQDN of backend R3>:<Port>
- Web As Path** /sap/bc/gui/sap/its/
- Web As Protocol** HTTP/HTTPS

Under **Content Administration > Portal Content** create an iView of type **SAP IAC iView** and specify the system alias name and the IAC.



Now preview the iview. Here is a screenshot of the IAC Transaction.

Define Background Job

Save | Back | Cancel | Start condition | Step | Job selection | Own jobs | Job wizard | Standard jobs

General data

Job name

Job class

Status

Exec. Target

Job start | **Job frequency**

Job steps

Related Content

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[Defining SAP Transaction as internet Application](#)

[Internet Application Component](#)

[Parameters of integrated ITS](#)

[Creating IAC Iviews](#)

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