

MAINTAIN GATEWAY ALIAS in FES – BES

An SAP Gateway alias is needed to have at least one entry for the SAP Gateway hub (here: the FES system) in the Service Builder (transaction SEGW) to register OData services that you are going to develop.

The Business Enablement Provisioning (BEP) functionality can publish events to one or more hosts running SAP Gateway (the FES system in this case). However, you must first identify the SAP Gateway landscape to use with it. For OData Channel, you also specify the SAP Gateway landscape.

The image contains two screenshots of the SAP SPRO (Customizing) transaction. Both screenshots show the same navigation path: SAP Customizing Implementation Guide > Activate Business Functions > SAP NetWeaver > SAP Gateway Service Enablement > Backend OData Channel > Connection Settings to SAP Gateway > SAP Gateway Settings. The left screenshot is for the FES system, and the right screenshot is for the BES system. Both show the 'Change View "SAP Gateway settings": Overview' table.

FES System Screenshot:

Destination system	Client	RFC Destination
FES	100	NONE

BES System Screenshot:

Destination system	Client	System Alias	RFC Destination
FES	100		FSDCLNT100_RFC

You can specify settings for connecting to an SAP Gateway landscape (the FES system in this case) by using the implementation guide (IMG). In transaction SPRO, open the SAP Reference IMG and navigate to SAP NetWeaver → SAP Gateway Service Enablement → Backend OData Channel → Connection Settings to SAP Gateway → SAP Gateway Settings

Create SAP Gateway Aliases (in both FES and BES)

In transaction SPRO, open the SAP Reference IMG and navigate to **SAP NetWeaver** → **SAP Gateway Service Enablement** → **Backend Odata Channel** → **Connection Settings to SAP Gateway** → **SAP Gateway Settings**

Or

Tcode SM30 → /IWBEP/C_SYSTEM

In FES, System alias and RFC Destination need not be specified

- **Destination System:** <FES RFC Connection>
- **Client:** <FES client>
- **System Alias:** <Can be blank or specify LOCAL or FES RFC Connection>
- **RFC Destination:** NONE or <FES RFC Destination>

Change View "SAP Gateway settings": Overview

New Entries

SAP Gateway settings			
Destination system	Client	System Alias	RFC Destination
G12CLNT100	100	LOCAL	NONE

In the BES, define the SAP Gateway with FES RFC connection and system details

- **Destination System:** <FES RFC Connection>
- **Client:** <FES client>
- **System Alias:** <leave it blank>
- **RFC Destination:** <FES RFC Destination>

▼

Delete

Select All

Select Block

Deselect All

More ▼

SAP Gateway settings

	Destination system	Client	System Alias	RFC Destination
<input type="checkbox"/>	G12CLNT100	100		G12CLNT100
<input type="checkbox"/>				

SAP Gateway Service Builder (transaction SEGW) is a design-time environment, which provides you with an easy-to-use set of tools for creating services. It supports you throughout the development life cycle of a service.

The figure above illustrates how the SAP Gateway alias is being used when a developer registers an OData service (which was developed in BES, in this example).

