

KB 065 – Configuration for service group [PowerConnectSG] failed. Error details: [No endpoints found. Check if the service is configured and if its endpoints are available

Symptom

After deploying the PowerConnect agent the UI does not start and in the defaultTrace log you see a connection refused exception similar to the following:

Configuration for service group [PowerConnectSG] failed. Error details:

[No endpoints found. Check if the service is configured and if its endpoints are available in the . Service:

[{sap_powerconnect_java.ws}LicenseService] Assigned Provider: [Local System]

Service Group: [PowerConnectSG]

Service Group application: [com.powerconnect5/spcj_wd]

Service Reference application: [com.powerconnect5/spcj_wd]

- com.sap.engine.services.webservices.espbased.wsdlexceptions.WSDLEXception:
errno: 111 (Connection refused), error: Connection refused
(port 50000 to address ::ffff:127.0.0.1)

No endpoints found. Check if the service is configured and if its endpoints are available in the . Service:

[{sap_powerconnect_java.ws}PIService] Assigned Provider: [Local System]

Service Group: [PowerConnectSG]

Service Group application: [com.powerconnect5/spcj_wd]

Service Reference application: [com.powerconnect5/spcj_wd]

- com.sap.engine.services.webservices.espbased.wsdlexceptions.WSDLEXception:
errno: 111 (Connection refused), error: Connection refused
(port 50000 to address ::ffff:127.0.0.1)

Problem

The PowerConnect Agent UI is bound to the “local provider” system which resolves to a localhost hostname. If the SAP Netweaver profile has been configured with the HOST parameter e.g.

```
icm/server_port_0 = PROT=HTTP, PORT=5$(SAPSYSTEM)00, HOST=myhost
```

The SAP NetWeaver system will not be accessible via the local provider and therefore the UI will not work.

Solution

This is fixed in 5.026, workaround is below

To solve this we need to tell the UI to use the IP address or hostname of the machine rather than localhost. We do this by updating the PowerConnectSG Service Group with a new provider:

1. Log into the NetWeaver Administrator
2. Click SOA tab
3. Click the Application and Scenario Communication tab

SAP NetWeaver Administrator

User: Administrator | Active Profile: Complete List | System: P75 On su12ora12pi75, v.7.50 | System Time/Date: 11/09/2018 06:57 AM AEDT

My Workspace | Availability and Performance | Operations | Configuration | Troubleshooting | **SOA**

Technical Configuration | Application and Scenario Communication | Logs and Traces | Monitoring

Destination Template Management Views
Manage templates for the configuration of Java Web service consumers implemented before SAP NetWeaver 7.1 Enhancement Package 1.

Destinations Views
Applications or services can establish connections to other services. When using connections of this type, you need to specify the remote service address and the user authentication information to use for the connection. Many applications use the Destination service for this purpose.

JCo RFC Provider
The JCo RFC Provider Service processes ABAP to Java requests, and dispatches the calls to Java applications. Seen from an ABAP system, it provides an RFC destination. Technically, the service is based on the JCo (SAP Java Connector). To receive calls from ABAP, JCo servers are started and registered at the gateways of the ABAP systems. The configuration of these JCo servers is done here.

SOA Middleware
Configure setting list, reverse proxy

Services Register
Manage the Services

System Connect
Manage the policies for connections to services

4. Click Application Communication
5. Select com.powerconnect5/POWERCONNECT-JAVA in the Configuration table

Application Communication: Configuration Restore Default View | Back

Favorites | Related Links | Go To | Support Details

Search: Go

Value	Type
com.powerconnect5/POWERCONNECT-JAVA	SoftwareComponent
sap.com/BI-BASE-E	SoftwareComponent
sap.com/BPEM-CONTENT	SoftwareComponent
sap.com/BPEM-FACADE	SoftwareComponent
sap.com/CAF	SoftwareComponent
sap.com/DI_CLIENTS	SoftwareComponent
sap.com/EP-ADMIN	SoftwareComponent
sap.com/EP-RUNTIME	SoftwareComponent
sap.com/ESP_FRAMEWORK	SoftwareComponent
sap.com/ESREG-SERVICES	SoftwareComponent

Consumed Service Groups (1) | Provided Services (7)

Edit | Save | Cancel | Configure | Auto Assign | Show Log

Name	Connectivity Types	Provider System
PowerConnectSG	WS	<local system>

6. In the Consumed Service Groups tab select the PowerConnectSG service group and click the Edit button
7. In the Provider System drop down click <create...>

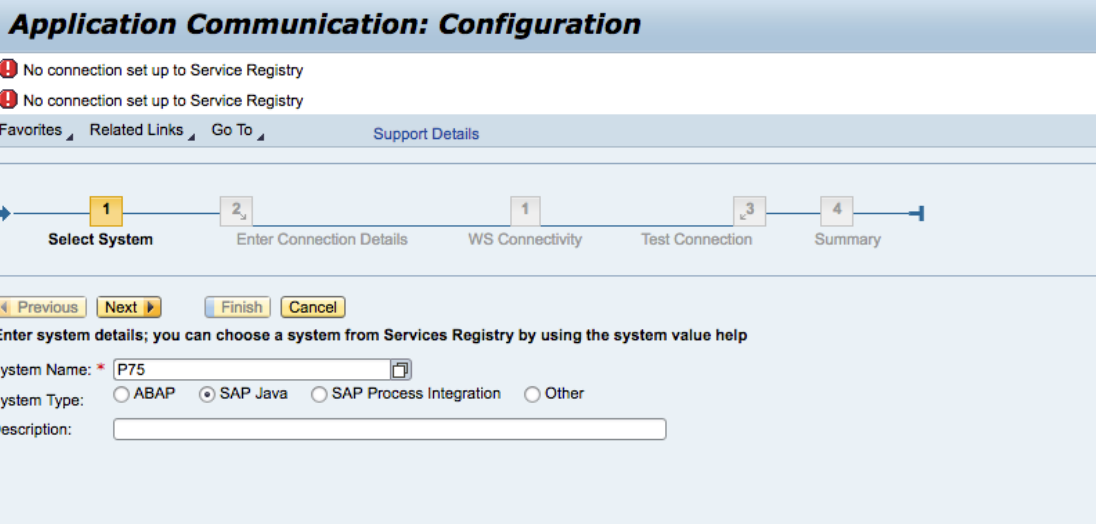
Consumed Service Groups (1) | Provided Services (7)

Edit | Save | Cancel | Configure | Auto Assign | Show Log

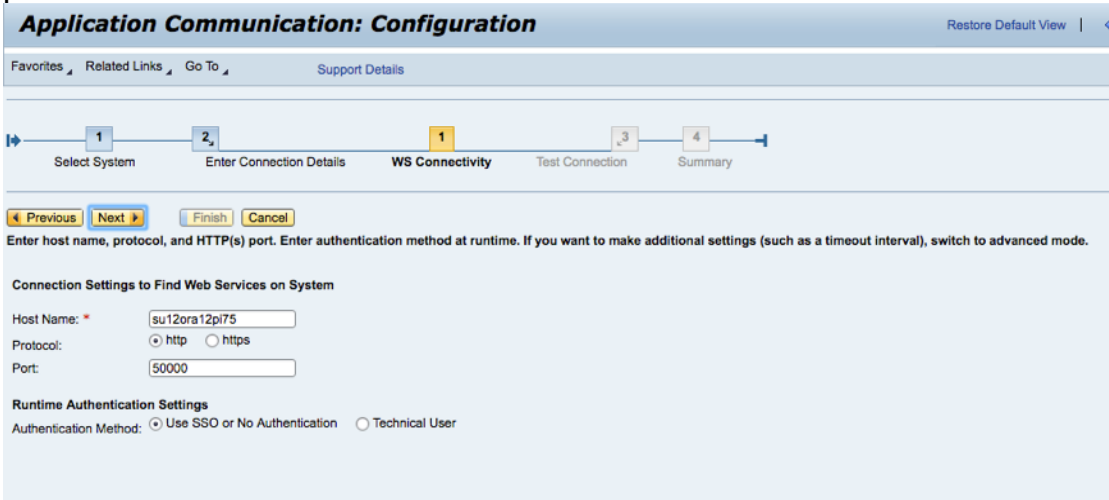
Name	Connectivity Types	Provider System	Processing Status
PowerConnectSG	WS	<local system>	Failed

Provider System dropdown options: <none>, <create...>, <local system>

8. Enter the System Name



9. Enter the Host Name that the NetWeaver system is bound to and the system port



10. Click next and enter an Administrator login credentials when prompted

11. The Test Connection screen should show a successful connection



12. Click Finish and you will be taken back to the Application Communication screen

13. Click the Save button on the PowerConnectSG service group table

Name	Connectivity Types	Provider System	Processing State
PowerConnectSG	WS	P75 on su12ora12p75	To be processed

14. Click the Refresh button and the Process State should show successfully Processed

Name	Connectivity Types	Provider System	Processing State
PowerConnectSG	WS	P75 on su12ora12p75	Processed

15. Restart the PowerConnect Agent and the UI should now work