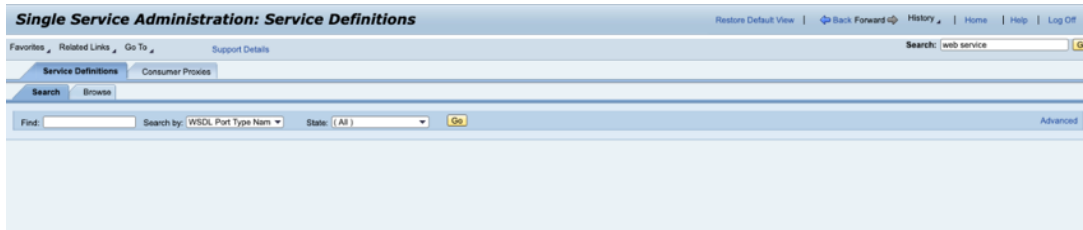


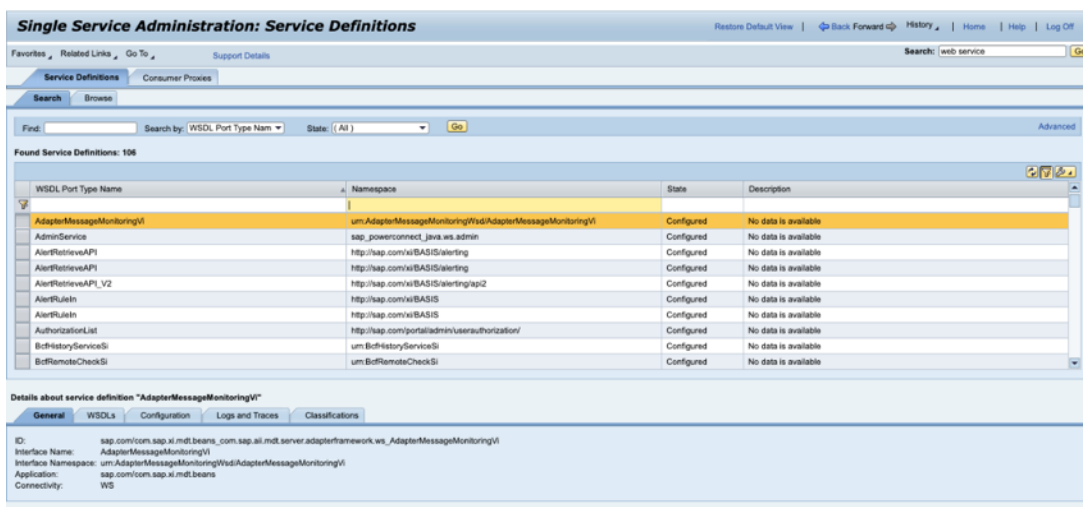
Configuring PowerConnect Java to use SSL

Prerequisite: PowerConnect NetWeaver Java release 6.3.0 and onwards.

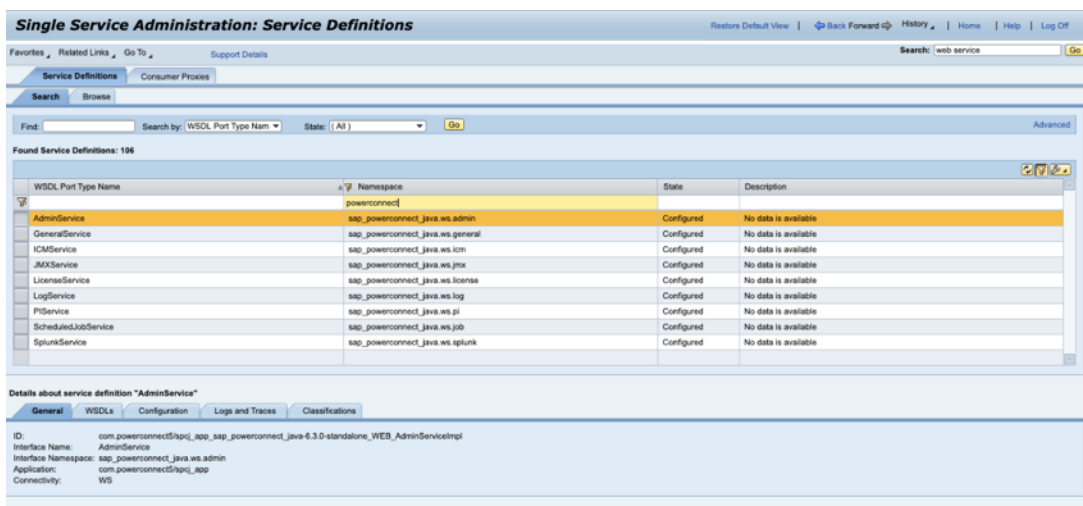
- Login to SAP NWA
- Navigate to SOA -> Application and Scenario Communication -> Single Service Administration



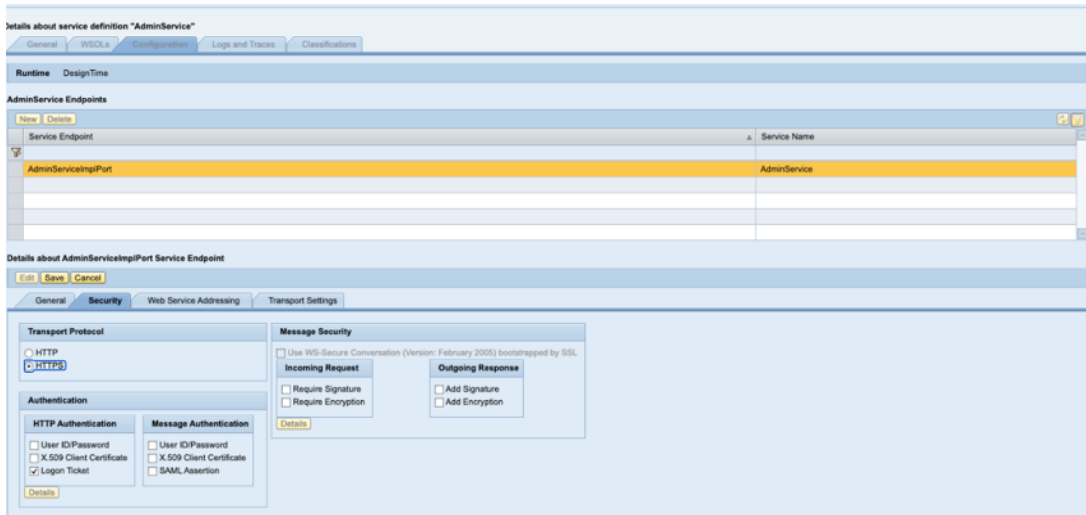
- Click Go



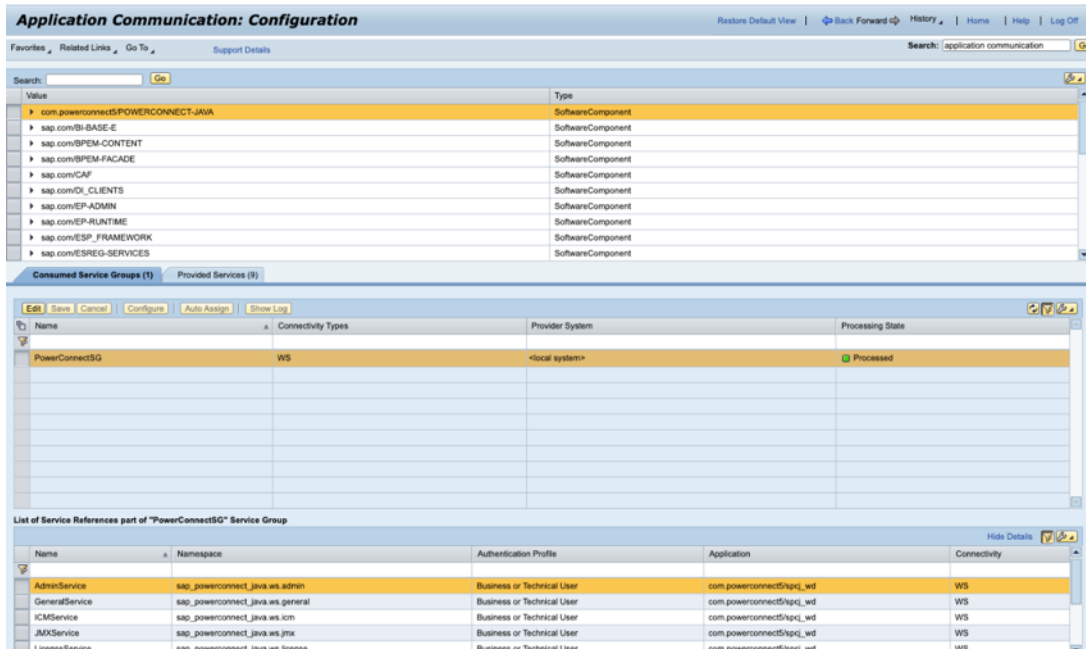
- Apply a filter on the Namespace column with the value “powerconnect” and hit return



- For each PowerConnect Service click the Configuration tab -> Security tab -> Edit and change the Transport Protocol from HTTP to HTTPS



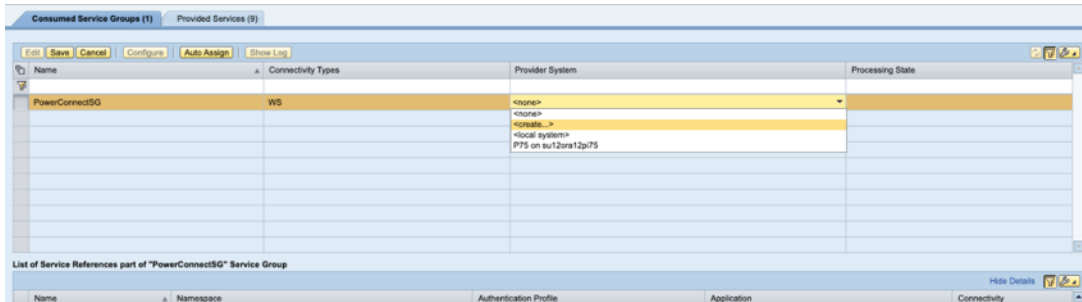
- Click Save and repeat for the remaining PowerConnect Services
- Navigate to SOA -> Application and Scenario Communication -> Application Communication



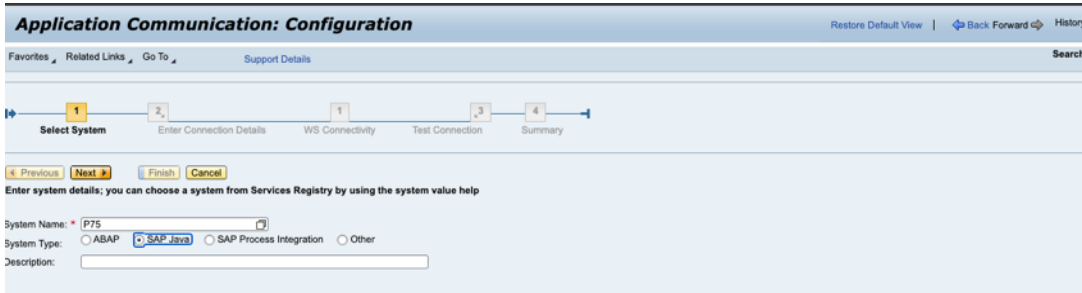
- Click the Edit button then change the Provider System for the PowerConnectSG Service Group dropdown to None and click Save



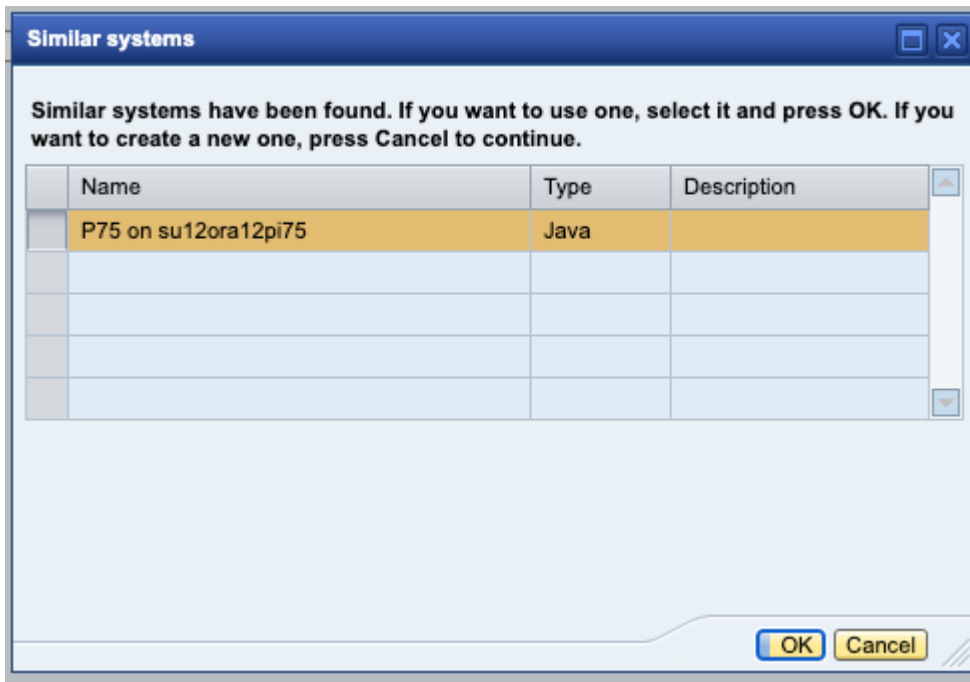
- Click the Edit button again and this time choose <create...>



- Enter your System Name and click the SAP Java radio button then click next



- You may see a pop up window saying similar systems have been found. If you are happy to use your existing configuration click OK otherwise click Cancel



- Enter the Host Name of the system, the SSL Port, choose https for the Protocol and make sure Use SSO is selected for the Authentication Method and click Next

Application Communication: Configuration Restore

Favorites Related Links Go To Support Details

1 2 1 3 4
 Select System Enter Connection Details **WS Connectivity** Test Connection Summary

Previous Next Finish Cancel

Enter host name, protocol, and HTTP(s) port. Enter authentication method at runtime. If you want to make additional settings (such as a timeout interval), switch to advanced mode.

Connection Settings to Find Web Services on System

Host Name: * localhost
 Protocol: http https
 Port: 50001

Runtime Authentication Settings
 Authentication Method: Use SSO or No Authentication Technical User

- You may need to enter your credentials to download the WSIL. The connection will then be tested and should be successful. Click Next

Application Communication: Configuration

Favorites Related Links Go To Support Details

1 2 1 3 4
 Select System Enter Connection Details WS Connectivity **Test Connection** Summary

Previous Next Finish Cancel

This is the result of the test connection; if some services are missing, you can still complete the wizard but configuration will fail later

- WS connection to system "P75 on localhost" established using user "ben"
- Arbitrary WSDL file for service interface AdminService downloaded
- All services are available

- The final screen should show that the PowerConnectSG service group has been assigned to the newly created connection. Click Finish

Application Communication: Configuration

Favorites Related Links Go To Support Details

1 2 1 3 4
 Select System Enter Connection Details WS Connectivity Test Connection **Summary**

Previous Next Finish Cancel

Review entities that will be created or modified and accept by pressing the Finish button

- Provider system "P75 on localhost" will be updated. Supported connectivity type: WS. WSIL: https://localhost:50001/inspection.wsil
- System "P75 on localhost" will be assigned to service group "PowerConnectSG"

- Finally click Save and the Processing State for the PowerConnectSG group should go green and display Processed

Consumed Service Groups (1)		Provided Services (9)		
Name	Connectivity Types	Provider System	Processing State	
PowerConnectSG	WS	PFS on localhost	Processed	

List of Service References part of "PowerConnectSG" Service Group				
Name	Namespace	Authentication Profile	Application	Connectivity
AdminService	sap_powerconnect_java.ws.admin	Business or Technical User	com.powerconnect5/spcj_wd	WS
GeneralService	sap_powerconnect_java.ws.general	Business or Technical User	com.powerconnect5/spcj_wd	WS
ICMService	sap_powerconnect_java.ws.icm	Business or Technical User	com.powerconnect5/spcj_wd	WS
JMXService	sap_powerconnect_java.ws.jmx	Business or Technical User	com.powerconnect5/spcj_wd	WS
LicenseService	sap_powerconnect_java.ws.license	Business or Technical User	com.powerconnect5/spcj_wd	WS

- The PowerConnect UI should now be running on the SSL port

Not Secure | https://10.100.2.72:50001/webdynpro/resources/com.powerconnect5/spcj_wd/SapPowerConnectJava#

SAP PowerConnect Java Edition

Version: 6.3.0

General | Splunk | **JMX** | PI Monitoring | Log Monitoring | Scheduled Job Monitoring | ICM | Admin

Available JMX Beans

Domain	Type	Name
com.sap.default	SAP_J2EELibraryPer...	tc-116n-time
com.sap.default	SAP_J2EELibraryPer...	com.sap.xi.mapping.tool.lib
com.sap.default	SAP_J2EELibraryPer...	ejb_api
com.sap.default	SAP_J2EELibraryPer...	tc-graphics-jnet
com.sap.default	SAP_MonitorPerNode	*Performance/External Communication/Average RFC IO*
com.sap.default	SAP_J2EEServicePer...	orperistence
com.sap.default	SAP_J2EELibraryPer...	com.sap.aii.adapter.marketplace.lib
com.sap.default	SAP_J2EELibraryPer...	com.sap.aii.persist.lib
com.sap.default	SAP_J2EELibraryPer...	tc-di-dtrclient-vfs-plb
com.sap.default	SAP_MonitorPerNode	*Services/Log Configurator/General/TotalLogFileSize*

Enabled JMX Beans

Canonical Name	Configuration Group	Monitor Status	
java.lang.type=OperatingSystem	N/A	◇	N/A
java.lang.type=Threading	N/A	◇	N/A
java.lang.type=Memory	N/A	◇	N/A
java.lang.type=ClassLoading	N/A	◇	N/A
java.lang.type=Runtime	N/A	◇	N/A

Choose file: No file chosen | Import

JMX Export | Save