

Splunk App Upgrade Guide for SAP PowerConnect App 6.5.0

Upgrade:

1. Before installing the new version if you have made any custom changes to the lookup files (ip_subnets, security_parameters_names, sensitive_tcodes, wide_open_auth_objects, sensitive_user_roles, sensitive_user_roles_java) or app's navigation bar make sure you backup the lookup files (located at: `$(SPLUNK_HOME)/etc/apps/BNW-app-powerconnect/lookups/`) and app's navigation bar XML file (located at: `$(SPLUNK_HOME)/etc/apps/BNW-app-powerconnect/local/data/ui/nav/default.xml`).
2. If you are upgrading PowerConnect app from version 6.2.0 and have followed the first way of updating queries through UI given in the following KB document - <https://www.powerconnect.io/wiki/kb-098-cpu-memory-and-availability-gauges-displaying-0-values-v-6-2-0-bug/>, then there would be a copy of the file sap_system_ovw.xml in `$(SPLUNK_HOME)/etc/apps/bnw-app-powerconnect/local/data/ui/views` directory. Remove this file from the location and then follow the steps below.
3. Install the app through UI from "Manage Apps" > "Install app from file".

Upload an app

If you have a .spl or .tar.gz app file to install, you can upload it using this form.

You can replace an existing app via the Splunk CLI. [Learn more.](#)

File

BNW-app-pow...-D-6.4.0-238.spl

Upgrade app. Checking this will overwrite the app if it already exists.

4. Restart Splunk
5. From “Manage Apps” click on the “Set Up” link beside BNW-app-powerconnect entry. Follow the steps given in the following document to complete the Set up:

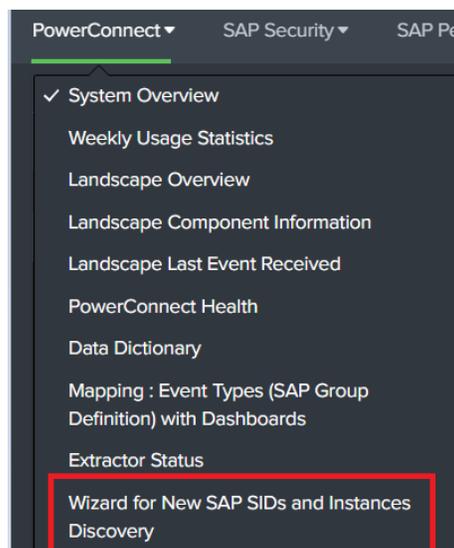
<https://www.powerconnect.io/wiki/kb-104-pc-splunk-app-setup-page-guide-6-3-0/>

Name ▾	Folder name ▾	Version ▾	Update checking ▾	Visible ▾	Sharing ▾	Status ▾	Actions
SAP PowerConnect for Splunk	BNW-app-powerconnect	6.5.0	Yes	Yes	App Permissions	Enabled	Set up Launch app

6. Configuration

Configuration:

- The Lookup for the Database needs to be populated with the event data. This step is required to be performed only once as there is a separate savedsearch scheduled to run every hour for appending new items to existing lookup from new events and for some cases it’s only to populate static data in the lookup for once only. There are two ways to complete this step:
 1. Open the dashboard “Wizard for New SAP SIDs and Instances Discovery” under PowerConnect menu. Select the checkbox corresponding to the savedsearch **“Database Source - Lookup Gen - Run Once Only”** and click on the “Run Searches” button. The status of the search would get updated in the Status column of the table and the user can view the search results once the search has completed by clicking in the table cell.



Wizard for New SAP SIDs and Instances Discovery Edit Export

This dashboard provides a platform to run searches to populate the lookups required as a part to set up the app.

Range
 Last 24 hours Select all ABAP reports Select all JAVA reports

Saved Search	System Type	Status	checkbox
Account Instance - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Account Source - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Filenames - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Instance - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Source - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Tcode Instance - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Tcode Source - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Type Instance - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Type Source - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
ST03 - Task Type and Protocol Mappings - Lookup Gen - Run Once Only	ABAP	Not yet started	<input type="checkbox"/>
Source Jmx - Lookup Gen - Run Once Only	JAVA	Not yet started	<input type="checkbox"/>
Status Jmx - Lookup Gen - Run Once Only	JAVA	Not yet started	<input type="checkbox"/>
Cloud CPI Source - Lookup Gen - Run Once Only	SAP Cloud	Not yet started	<input type="checkbox"/>
Database Source - Lookup Gen - Run Once Only	ABAP	Not yet started	<input checked="" type="checkbox"/>

Run Searches

- On Splunk's menu bar, Click on Settings -> "Searches, reports, and alerts" and manually run the savedsearch "**Database Source - Lookup Gen - Run Once Only**". In case of a large number of events, if savedsearch execution does not get completed, try to reduce the time range and populate the lookup.

Searches, Reports, and Alerts

Searches, reports, and alerts are saved searches created from pivot or the search page. [Learn more](#)

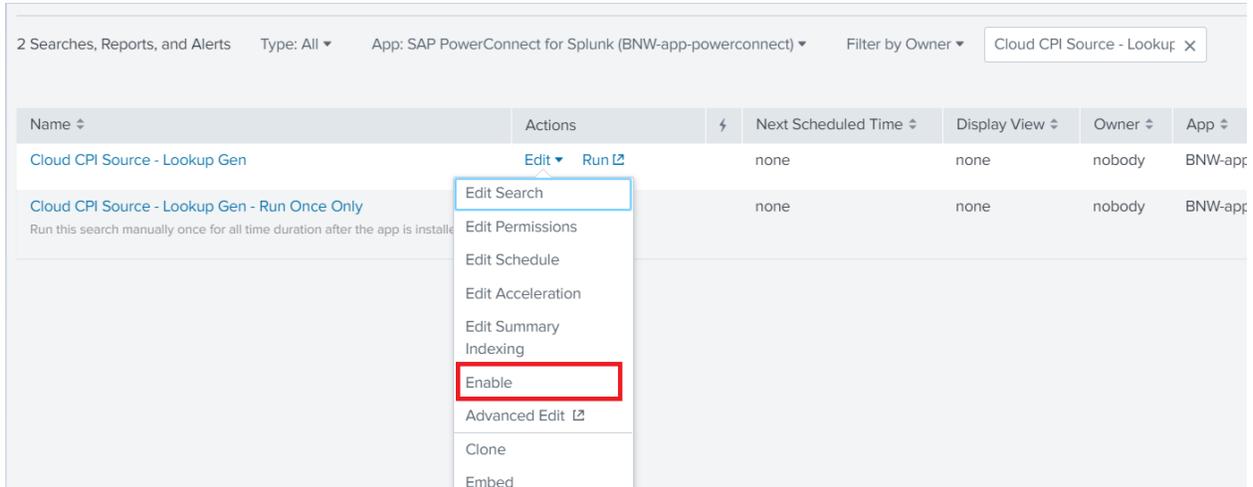
1 Searches, Reports, and Alerts Type: All App: SAP PowerConnect for Splunk (BNW-app-powerconnect) Filter by Owner Database Source - Lookup X

Name	Actions	Next Scheduled Time	Display View	Owner	App
Database Source - Lookup Gen - Run Once Only Run this search manually once for all time duration after the app is installed.	Edit Run	none	none	nobody	BNW-app-powerconnect

Optional Configuration (SAP Cloud product support):

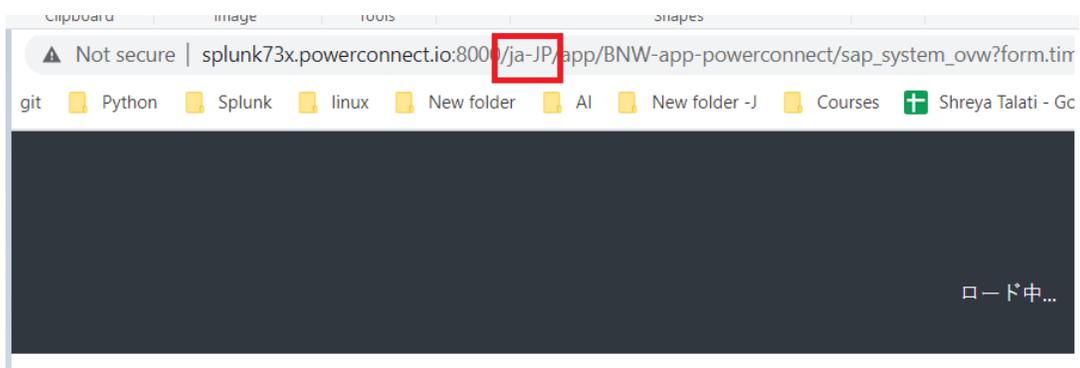
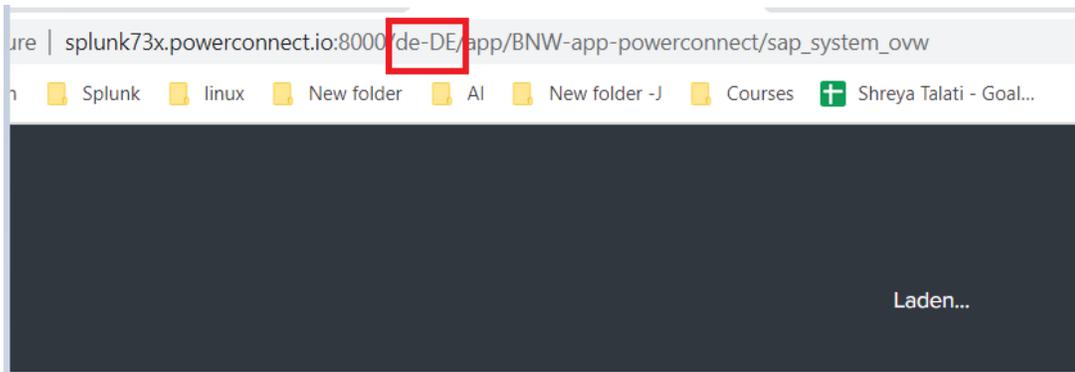
- If the user wants to use the "SAP Cloud - CPI Message Monitoring" dashboard, the user needs to enable the saved search "Cloud CPI Source - Lookup Gen". The steps to enable the savedsearches are:
 - On Splunk's menu bar, Click on Settings -> Searches, reports, and alerts.

- b. Search for "Cloud CPI Source - Lookup Gen".
- c. Click on "Edit" dropdown under "Actions" and click on "Enable".



Optional Configuration (German or Japanese language support):

- The app version 6.4.0 supports German and Japanese languages apart from English. By default, Splunk automatically uses the language that the user's browser is set to. To switch languages, either the browser's locale setting can be changed or for a given Splunk session it can be changed by modifying the URL that you use to access Splunk. For different languages use the URL as specified:
 1. German : `http://<your_splunk_instance_address>/de-DE/app/BNW-app-powerconnect/`
 2. Japanese: `http://<your_splunk_instance_address>/ja-JP/app/BNW-app-powerconnect/`
 3. American English:
`http://<your_splunk_instance_address>/en-US/app/BNW-app-powerconnect/`
 4. British English:
`http://<your_splunk_instance_address>/en-GB/app/BNW-app-powerconnect/`
***(Replace the placeholder in the URL)**



Note: In case the dashboard is not getting shown in the expected language after going to the appropriate URL, the user should clear the browser cache and refresh the dashboard.

Note: Description works for Splunk version 7.3.x and above

Reference:

<https://docs.splunk.com/Documentation/Splunk/8.0.6/Admin/Userlanguageandlocale>