

Sabre Java Printing Module (SJPM)

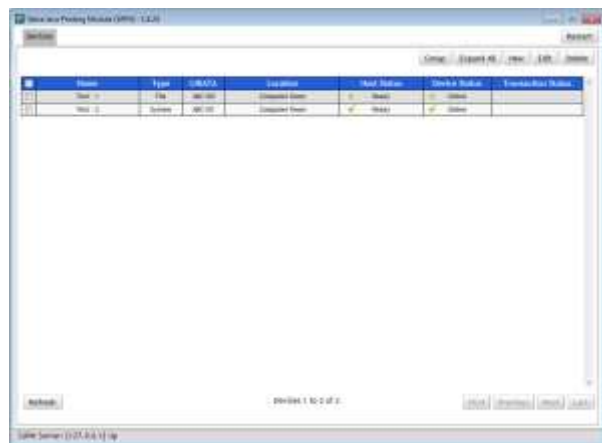
Quick Reference Guide

Quick Reference Guide Contents

- [A. Overview](#)
- [B. Recommended Requirements](#)
- [C. Minimum Requirements](#)
- [D. Installation](#)
- [E. Adding a Device](#)
- [F. Editing a Device](#)
- [G. Deleting a Device](#)
- [H. Disable and Enable a Device](#)
- [I. Enable / Disable Server Logging](#)
- [J. Enable / Disable Client Logging](#)
- [K. Run SJPM as an Application](#)

A. Overview

The legacy Sabre Printing Module (SPM aka OADP) is in Sunset and being replaced with the new Sabre Java Printing Module (SJPM). SJPM allows for the continued use of all printing functionality available in SPM along with new device types and added functionality. The new SJPM application offers higher reliability with many enhanced features with more coming in future releases.



B. Recommended Requirements

Recommended operating requirements for the workstation where SJPM will be installed:

Operating System Software

- Windows 7 32-bit, Windows 7 64-bit, Windows 8/8.1, and Linux.

Configured Devices

The recommended number of configured devices for the SJPM Client GUI is **35**. The SJPM Client GUI is capable of handling more devices based on machine processor and memory capabilities.

Java™ Runtime Environment

- Java 2 Platform, Standard Edition (included with the SJPM installation)

Hardware

- Processor**
Intel Pentium 4 or higher
- RAM**
2 GB or higher
- Video Resolution**
1024 x 768 or higher
- Hard disk space**
250 MB of free disk space

Network

- SABRE Host access is required

Firewall Considerations

- SABRE Host access is required
- Your firewall administrator should verify that all firewall configurations allow the following traffic types:
 - Outbound TCP connections to 151.193.141.0/24 (255.255.255.0) for the following TCP port: 30051 (NOFEP printing)

C. Minimum Requirements

Minimum operating requirements for the workstation where the SJPM will be installed:

Operating System Software

- Windows 7 32-bit, Windows 7 64-bit, Windows 8/8.1, and Linux.

Configured Devices

The minimum number of configured devices with the minimum requirements is **10**. The SJPM Client GUI is capable of handling more devices based on machine processor and memory capabilities.

Java™ Runtime Environment

- Java 2 Platform, Standard Edition (included with the SJPM installation)

Hardware

- Processor**
Intel Pentium 4
- RAM**
1 GB
- Video Resolution**
1024 x 768
- Hard disk space**
250 MB of free disk space

Network

- SABRE Host access is required

Firewall Considerations

- SABRE Host access is required
- Your firewall administrator should verify that all firewall configurations allow the following traffic types:
 - Outbound TCP connections to 151.193.141.0/24 (255.255.255.0) for the following TCP port: 30051 (NOFEP printing)

D. Installation

To install SJPM right click on the SJPM executable file and select **Run as...** or **Run as administrator**. After file extraction the SJPM setup screen will appear.

- Click on the **Next>** button.
- Click on and select the **I accept the terms in the license agreement** radio button. Click on the **Next>** button.
- Click on the **Typical** or **Custom** button to install SJPM. **Typical** should be selected unless a custom installation is required.
- Follow the on-screen prompts until installation is complete.

Once installation is complete the SJPM icon will show in the Windows Taskbar.

For detailed, step by step instructions, please refer to the SJPM User's Guide.

Sabre Java Printing Module (SJPM) Quick Reference Guide

E. Adding a Device

To add a device to SJPM click on the **"New"** button from the SJPM Client GUI.



- Enter a unique device name in the device name field.
- Select the device driver from the drop down list.
- Click on the **"OK"** button. The device's configuration tab will open.



- Configure the device and then click on the **"Save"** button.

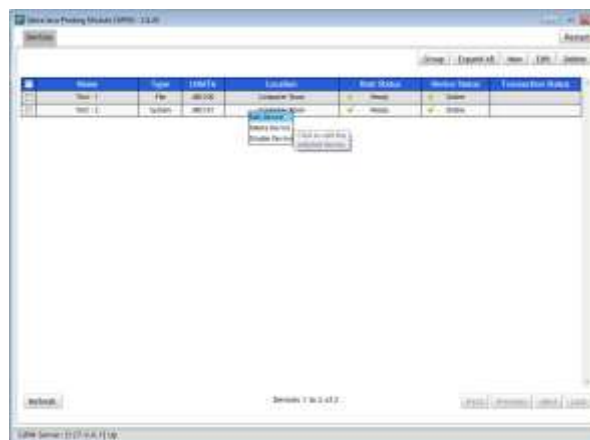
- At the **"SJPM – Confirm Restart"** popup window click on the **"OK"** button to restart SJPM or **"Cancel"** if you want to restart SJPM later.

For detailed information on configuration and settings please refer to the SJPM User's Guide.

F. Editing a Device

To edit a device you can:

- Select the device line checkbox and then click on the **"Edit"** button.
- Right click on the device line and select **"Edit Device"** from the menu.

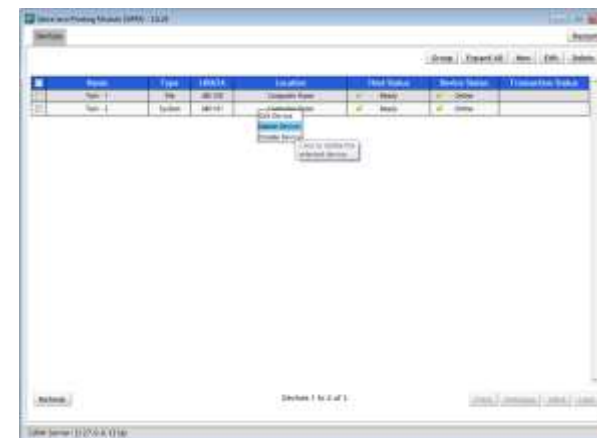


- Edit the device and when done click on the **"Save"** button.
- At the **"SJPM – Confirm Restart"** pop up window click on the **"OK"** button to restart SJPM or **"Cancel"** if you want to restart later.

G. Deleting a Device

To delete a device you can:

- Select the device line checkbox and then click on the **"Delete"** button.
- Right click on the device line and select **"Delete Device"** from the menu.

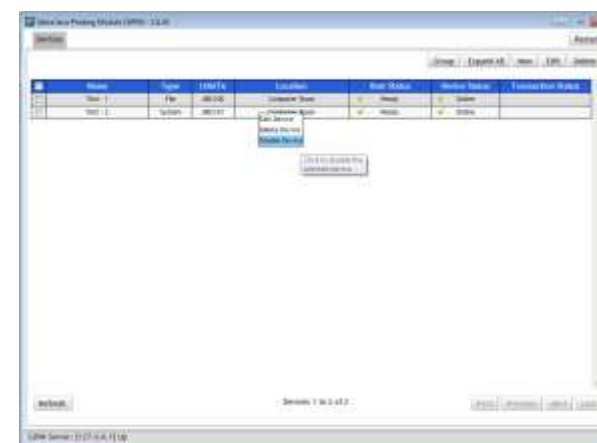


- At the **"SJPM - Confirm Action"** pop up window click on the **"OK"** button to restart SJPM or **"Cancel"** if you want to cancel the deletion.

H. Disable and Enable a Device

To disable or enable a device, right click on the device line and select **"Disable Device"** or **"Enable Device"**.

- At the **"SJPM - Confirm Action"** pop up window click on the **"OK"** button to restart SJPM or **"Cancel"** if you want to cancel the disable or enable.

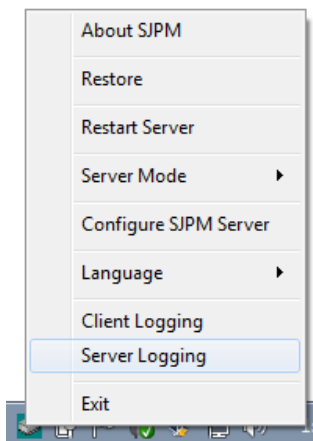


Sabre Java Printing Module (SJPM)

Quick Reference Guide

I. Enable / Disable Server Logging

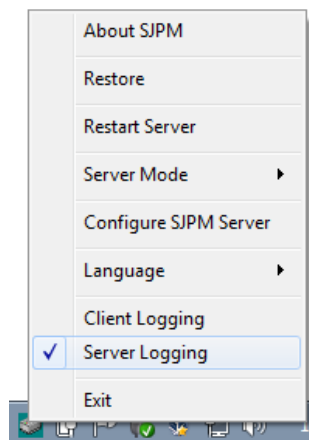
To enable Server Logging in SJPM right click on the “**SJPM Windows System Tray Icon**” and then click on the “**Server Logging**” menu item.



The “**SJPM – Logging Configuration Changed**” popup window will appear, click on the “**Yes**” button.



To disable Server Logging in SJPM right click on the “**SJPM Windows System Tray Icon**” and then click on the “**Server Logging**” menu item.

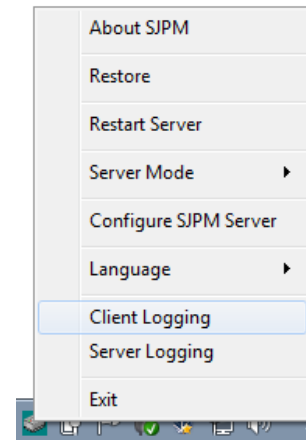


The “**SJPM – Logging Configuration Changed**” popup window will appear, click on the “**Yes**” button.

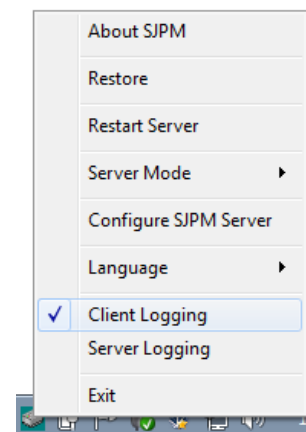


J. Enable / Disable Client Logging

To enable Client Logging in SJPM right click on the “**SJPM Windows System Tray Icon**” and then click on the “**Client Logging**” menu item.



To disable Client Logging in SJPM right click on the “**SJPM Windows System Tray Icon**” and then click on the “**Client Logging**” menu item.



Sabre Java Printing Module (SJPM) Quick Reference Guide

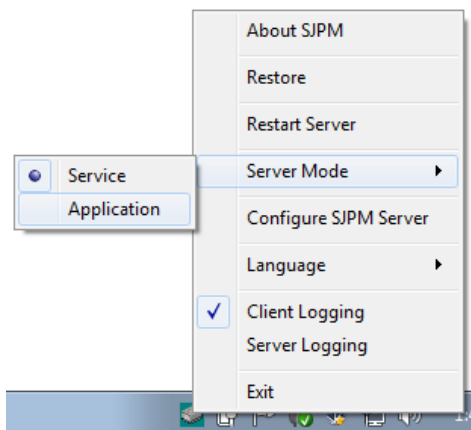
K. Run SJPM as an Application

By default SJPM is installed to run as a **Service**. Use the SJPM Windows System Tray Icon to change SJPM to run as an **Application**.

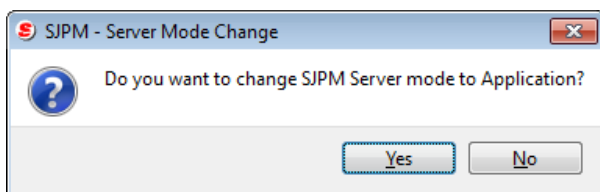
Important Note:

When running SJPM as an **Application** it will be necessary to run "**Start SJPM Server**", as the administrator, from the Windows Start Menu each time after a system reboot or startup.

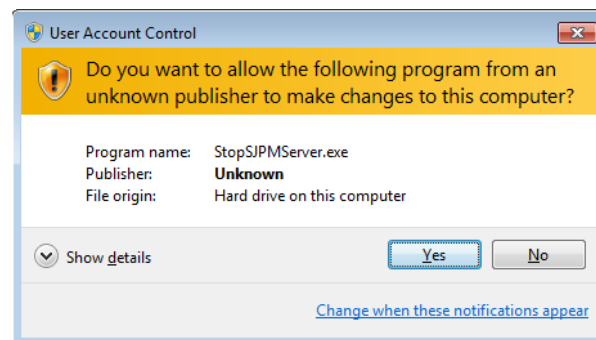
To run SJPM as an "**Application**" right click on the "**SJPM Windows System Tray Icon**" and then click on the "**Server Mode**" menu item and then click on the "**Application**" menu item.



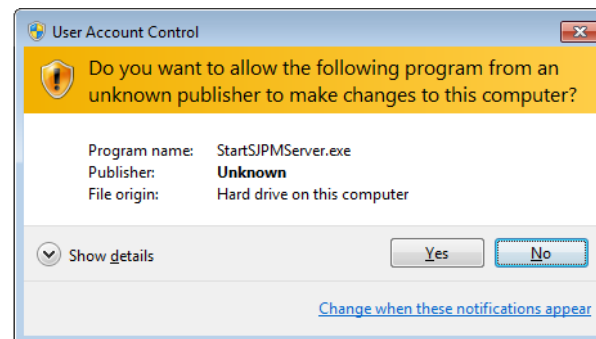
The "**SJPM – Server Mode Change**" popup window will appear, click on the "**Yes**" button. SJPM will restart and run as an **Application**.



Click on the Windows "**Start**" button, then click on "**All Programs**", then click on the "**SJPM**" folder, then right click on the "**Stop SJPM Server**" menu item, and then click on "**Run as administrator**". Click on the "**Yes**" button on the "**User Account Control**" window.



Click on the Windows "**Start**" button, then click on "**All Programs**", then click on the "**SJPM**" folder, then right click on the "**Start SJPM Server**" menu item, and then click on "**Run as administrator**". Click on the "**Yes**" button on the "**User Account Control**" window.



The two previous steps are necessary to set the SJPM Application to run as the administrator user and not the System user.