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SapphireIMS Message Queue Plugin

**Version:** v1.0, compatible with patch SAPP\_5000 and onwards

**Last Modified:** 03-SEP-2018

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**Introduction**

Moving forward with SapphireIMS, post patch number SAPP\_4099, it is mandatory to install SapphireIMS Message Queue Plugin as a pre-requisite component to manage your assets using agent-based approach.

Additionally**, if you are using Jump Host (Cloud connector) or enterprise plus edition probes to import active directory users from on-premise AD, the SapphireIMS Message Queue plugin needs to be upgraded using SapphireIMS\_MessageQueue\_Plugin-5.0-v1.0-Setup.exe; this plugin is compatible with patch version SAPP\_5000 and onwards.**

**Pre-requisites**

1. To install SapphireIMS Message Queue Plugin it requires
2. SapphireIMS\_MessageQueue\_Plugin-5.0-v1.0-Setup.exe downloadable from <http://www.sapphireims.com/patches/>
3. Create a Pre-requisites folder
4. Pre-requisites folder should contain Erlang 20.0 and RabbitMQ 3.6.12
5. Additionally, under Pre-requisites folder create a `certificates` folder and place ca-cert.pem, server-cert.pem and server-key.pem. These certificates are downloadable from <http://www.sapphireims.com/patches/>

Note:

Erlang 20.0 shall be downloadable from

<http://erlang.org/download/otp_win64_20.0.exe>

(Downloadable file name: otp\_win64\_20.0.exe)

RabbitMQ 3.6.12 shall be downloadable from

<https://dl.bintray.com/rabbitmq/windows/rabbitmq-server-windows-3.6.12.zip>

(Downloadable file name: rabbitmq-server-windows-3.6.12.zip)

1. Ports 5671 and 5672 to be made available in SapphireIMS installed machine. If user import from on-premise active directory (Using jump host or enterprise plus probes) is needed then, port 5671 needs to be opened from SapphireIMS
2. The plugin is mandatory installation for
3. SapphireIMS professional edition server
4. SapphireIMS enterprise edition servers (Cluster server and Cluster member/Data collector)
5. SapphireIMS enterprise plus edition probes and probes add-on

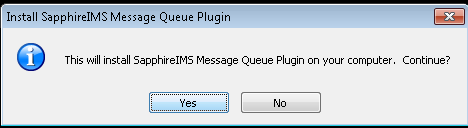
*The message queue plugin installation on enterprise plus server is required only if it requires users to be imported from active directory using Jump host (Cloud connector) or enterprise plus edition probes*

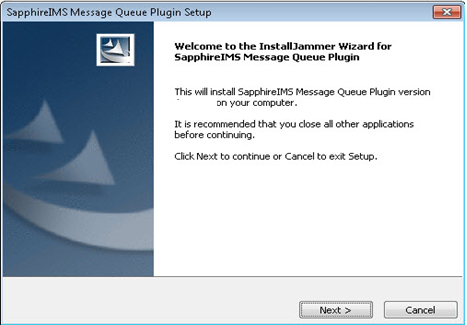
1. Plugin is compatible with only 64-bit version of SapphireIMS

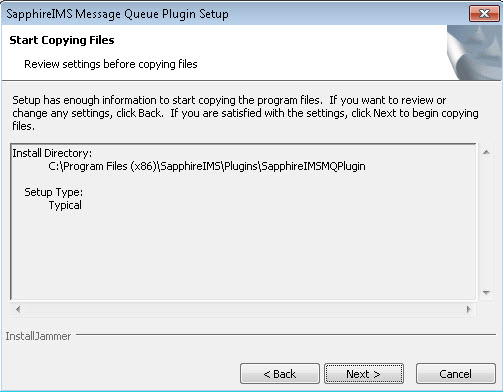
**Installation Steps**

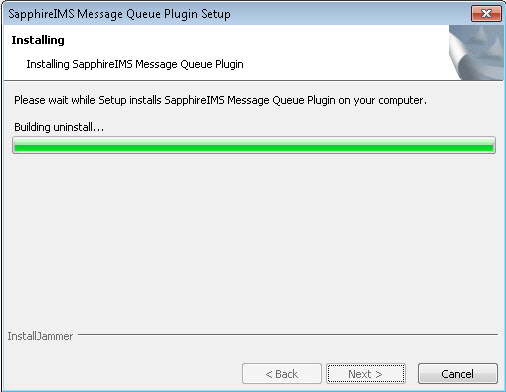
1. Make sure the pre-requisites folder containing files otp\_win64\_20.0.exe and rabbitmq-server-windows-3.6.12.zip, SapphireIMS\_MessageQueue\_Plugin-5.0-v1.0-Setup.exe, ca-cert.pem, server-cert.pem and server-key.pem files are present in same folder
2. Double click on ‘SapphireIMS\_MessageQueue\_Plugin-5.0-v1.0-Setup.exe’ and follow the installation steps from the wizard

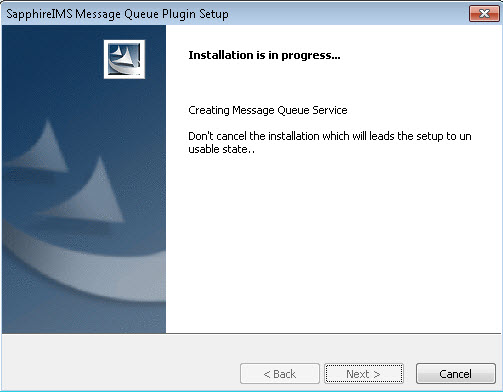


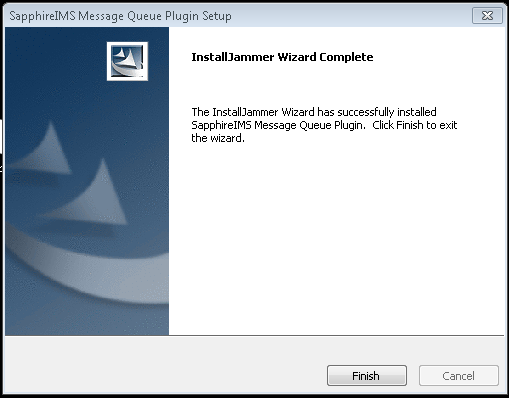




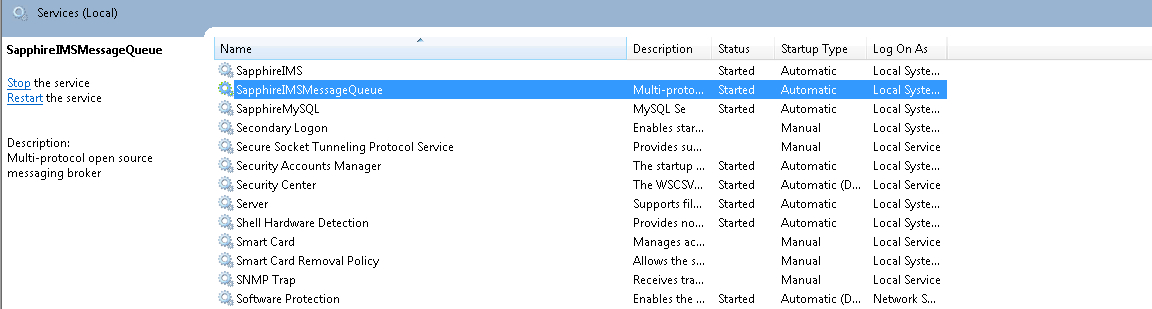




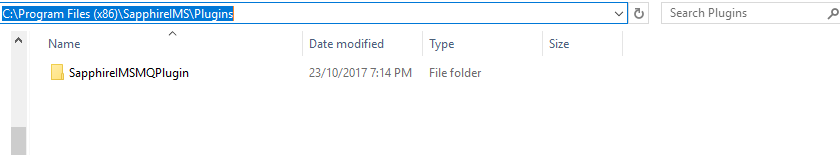




1. On successful installation of plugin, a service name ‘SapphireIMSMessageQueue’shall get created. Open services.msc to view and start it if it is not already started.



Also, a directory call SapphireIMSMQPlugin shall get created at the SapphireIMS installation path.



Note: Post plugin installation, ‘SapphireIMS’ service is made dependent on ‘SapphireIMSMessageQueue’ service.