

IBM Hyper-Scale Manager version 1.6

Quick Start Guide for Installation as an Application



This quick guide is for installing the IBM Hyper-Scale Manager as an application and using it with the IBM Storage XIV Management (XIV GUI).

This installation type is intended for storage administrators who are Linux power users who want to control how the OS is maintained.

In this package installation you must manually conform to a set of prerequisites. The installation is fast and simple, and the application is installed as a service.

1: Installing the IBM Hyper-Scale Manager

1. Follow the specifications to install the IBM Hyper-Scale Manager on a 64-bit RHEL 6 OS:
 - Memory and CPU:
 - Up to 60 XIV systems – 4 GB; dual core
 - 61-100 XIV systems – 6 GB; quad core
 - 101-120 XIV systems – 6 GB; six core
 - 121-144 XIV systems – 8 GB; six core
 - Disk space requirements
 - At least 1 GB of disk space in the /tmp directory
 - 76 GB free space under the given installation path (the path can be configured and does not have to be the home directory)
 - Ports
 - Outbound/Inbound: RMI - 1199-1209
 - Inbound only: SSH/SCP – 22
 - Outbound only: SMTP – 25
 - Communication with XIV systems – 7778
 - RESTful API port - 8443
 - The installation must be done by the root user
 - The installation is adding a new user named **msms**, for running the application.
2. Download the `IBM-Hyper-Scale-Manager_1.5.1-32.bin` installation file [from IBM Fix Central](#).
3. SCP/SFTP the file to `/root` using the `root` user name:

```
$ scp IBM-Hyper-Scale-Manager_1.5.1-32.bin root@remotehost:/root
```
4. Run the following command:

```
./IBM-Hyper-Scale-Manager_1.5.1-32.bin
```
5. Accept the installation location or select another location and click Enter. You are asked to approve the installation.
6. Accept the license agreement.
7. Provide the IBM Hyper-Scale Manager IP Address / hostname to the Storage Administrator:
 - IP address _____
 - Hostname _____

2: Initializing the Multi-System Manager Inventory

This step is for the XIV storage administrator.

Ensure that you have the IBM Hyper-Scale Manager server IP Address / hostname.

1. Export a list of the XIV systems that you are currently using from the **Systems > Export Systems File** dialogue on the GUI.
 - If you do not have an IBM XIV GUI, proceed to step 2.
2. Install the [IBM XIV GUI 4.5](#).
3. Launch the GUI in Direct mode by selecting **direct** on the Mode field of the Login screen (direct mode means connecting an XIV system directly to the GUI).
4. Connect the XIV GUI to the IBM Hyper-Scale Manager through the **Systems > Preferences** dialogue.
5. If you have exported the systems list on **step 1** (above), open the **Systems > Import Systems File** to import the systems list. Otherwise, add the systems / groups manually. You can add both through the **Systems > Manager Configuration > Inventory** dialogue.

The default Manager Access Code is **adminadmin**.

You are ready to work with your XIV GUI using the IBM Hyper-Scale Manager to enjoy Multi-System features.

More information

The complete set of installation instructions is available on the [IBM Hyper-Scale Manager Installation as application Version 1.6 website](#).

This user guide and all other XIV documentation are available on the Knowledge Center:

[IBM® XIV® Storage System Knowledge Center website](#)

IBM Hyper-Scale Manager 1.5 Licensed Materials - Property of IBM. © Copyright IBM Corp. 2014. U.S. Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "[Copyright and trademark information](#)" (www.ibm.com/legal/copytrade.shtml).