

# Native IxOS Update Instructions

Release 9.21

## How to perform Native IxOS Update

Ixia is providing latest updates for Ixia chassis which are automatically installed during Native IxOS installation.

We recommend the following steps for installation to ensure that your chassis is up to date.

- You can skip steps 1 and 2 if your chassis has access to Internet Connection and you wish to perform online installation.
  - From IxOS 9.10 onwards, in order to improve the security of the product, usage of FTP is no longer supported. Use SFTP instead.
1. From a machine that can access Ixia support portal, download Native IxOS **offline update package** (Ixia\_Hardware\_Chassis\_<version-release>.tar.gz.gpg).
  2. Copy **offline update package** to Native IxOS chassis using SFTP. Use an FTP client that supports SFTP such as WinSCP.  
An example from windows machine, is as follows:
    - a. Open File explorer, type *sftp://chassis-ip* in the address bar and press Enter. An external utility capable of file transfer using Secure File Transfer Protocol (SFTP), such as WinSCP, is needed for SFTP to work.
    - b. Provide admin credentials for the chassis (default username/password is admin/admin).
    - c. Once signed in, move to the folder **/ixia** and copy the offline update package there.
  3. Using SSH, log in to Native IxOS chassis with admin credentials on port 8022 (default username/password is admin/admin).  
If you do not see IxOS version in the login banner, then you might be logged in to WebPlatform CLI and you need to enter IxOS CLI using the command **enter chassis**.
  4. After logging in to IxOS CLI, you should see a message notifying that new IxOS versions are available.  
At the prompt, type **show ixos available-updates** and press Enter, to list new IxOS versions. If you are searching for older or installed IxOS versions, type the commands **show ixos older-updates** and **show ixos installed-versions**.
  5. At the prompt, type **install ixos <version>** and press Enter. The version is any valid entry listed in Step 4. For example, 8.40.1400.5.
  6. Type **yes** and press Enter if you are asked to confirm and to accept End User License Agreement.
  7. Installation starts and chassis may reboot once during the installation. If chassis reboots, please wait for about 10 minutes and log in again using SSH to IxOS CLI.  
After logging in again, the Chassis Status in login banner can be any one of following:
    - INSTALLING SOFTWARE – default behavior
    - NOT READY – in the process of installing newer version of IxOS CLI

- No Chassis Status in login banner - installing newer version of IxOS CLI and temporarily logged into WebPlatform CLI

For all the three cases, IxOS installation will continue in the background and a message notifying installation completion will be broadcasted to all users logged in to IxOS CLI once the installation is over.

8. After the installation is over (which can take about 25-35 minutes), all users logged in to IxOS CLI will be logged out and you need to log in again using SSH.
9. After you log in, type ***show ixos active-version*** and press Enter to ensure that the intended IxOS version is installed.
10. Type ***show chassis status*** and press Enter to check if IxServer is ready (Chassis Status: READY). If it is not, ensure that appropriate licenses are installed and then restart IxServer by typing the command ***restart-service ixServer***.