

L4-7 Quick Start Guide

for XenaAppliance and XenaScale Chassis



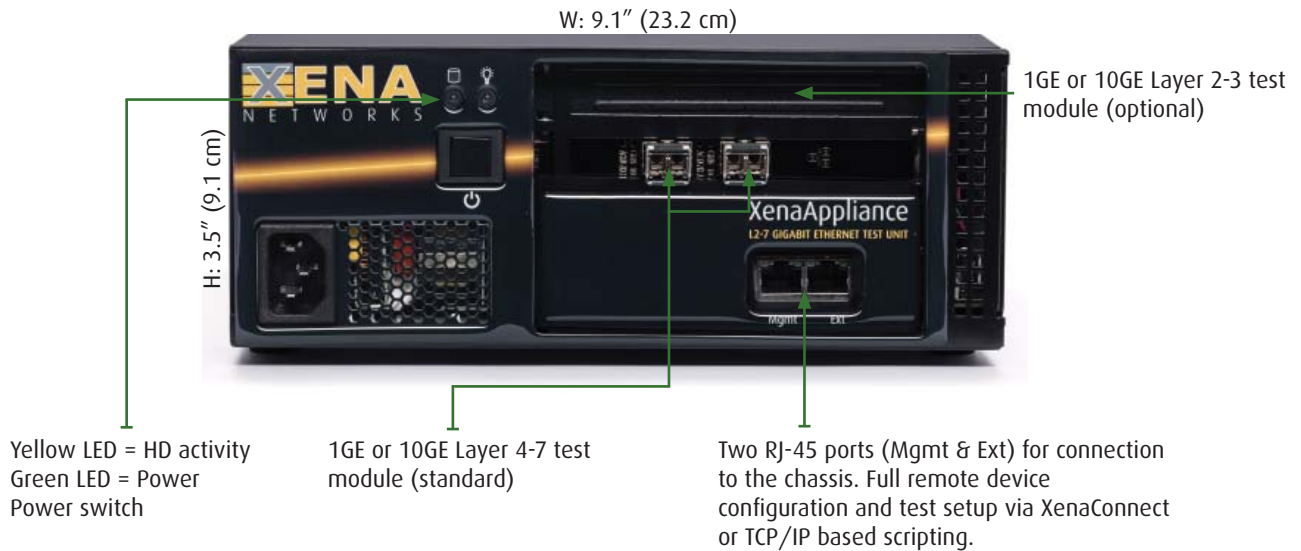
This guide shows you how to:

1. Install the latest software
2. Connect to the chassis
3. Change the chassis IP address
4. Recover the IP address
5. Recover the chassis password
6. Where to find other resources

Main L4-7 chassis features

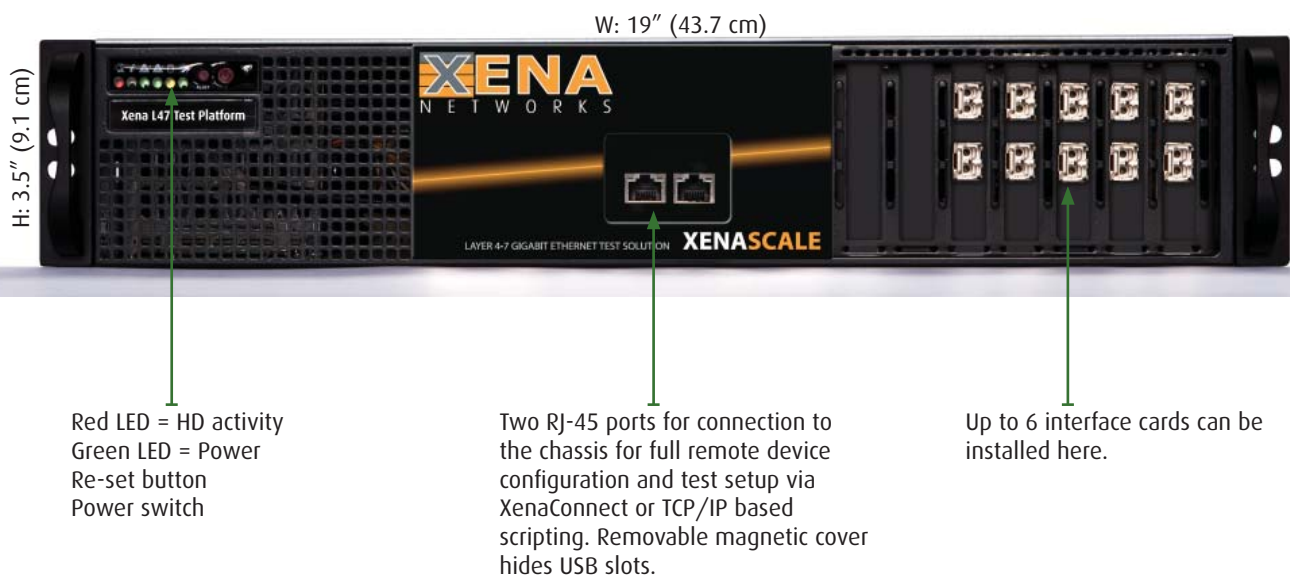
XenaAppliance

The XenaAppliance is a Layer 4-7 test chassis that can also be equipped with one Layer 2-3 test module.



XenaScale

XenaScale is a 19" rack mountable chassis with up to six Layer 4-7 network interface cards.



1. Install the latest software

To ensure you have the latest version of Xena's Layer4-7 software, please visit this URL:

www.xenanetworks.com/download/

Fill out the short form and you will be redirected to a new page where you can download a full version of the latest release.

The release is distributed as a ".msi" file i.e. a standard Windows Installer executable.

Save it onto your PC, double-click to launch accept the license terms and then click "Install".

This will install all the software applications for both L2-3 and L4-7 in the Program Files folder of your PC, as well as shortcuts to each application on your desktop.



The screenshot shows a web browser window displaying the Xena Networks website. The browser's address bar shows the URL www.xenanetworks.com/download/. The website has an orange header with the Xena Networks logo and navigation links: SOLUTIONS, PRODUCTS, RESOURCES, BUYING XENA, and CORPORATE. A prominent orange banner reads "Xena SW Downloads". Below this, there are two tabs: "Full SW Download" (selected) and "Other Downloads". The "Full SW Download" tab contains the following content:

Register to download Xena Release 70
Released: August 18, 2016 Size: **240MB** (full version)

NOTE: This download contains ALL the server chassis upgrade files, and is for customers upgrading to the latest version.
If you ONLY want to use Xena's Live Demo System, [please see this page](#).

Click here to read [what's new in Release 70](#).

Name *
First: Last:

Company * **Email ***

Please let us know your workplace. We won't spam!

Country *

To the right of the form, there are two call-to-action buttons:

- REQUEST A FREE DEMO**
Contact us for a **FREE** online demo of Xena's software
- REQUEST A QUOTE**
And see how Xena can save you money

2. Connect to the chassis

The Xena chassis have two RJ-45 interfaces for managing the unit. The Mgmt port (front-middle) has a configurable static IP address for connecting to the tester from a laptop or stationary PC at a local or remote location.

The chassis comes pre-configured with the following IP address on the Mgmt port:

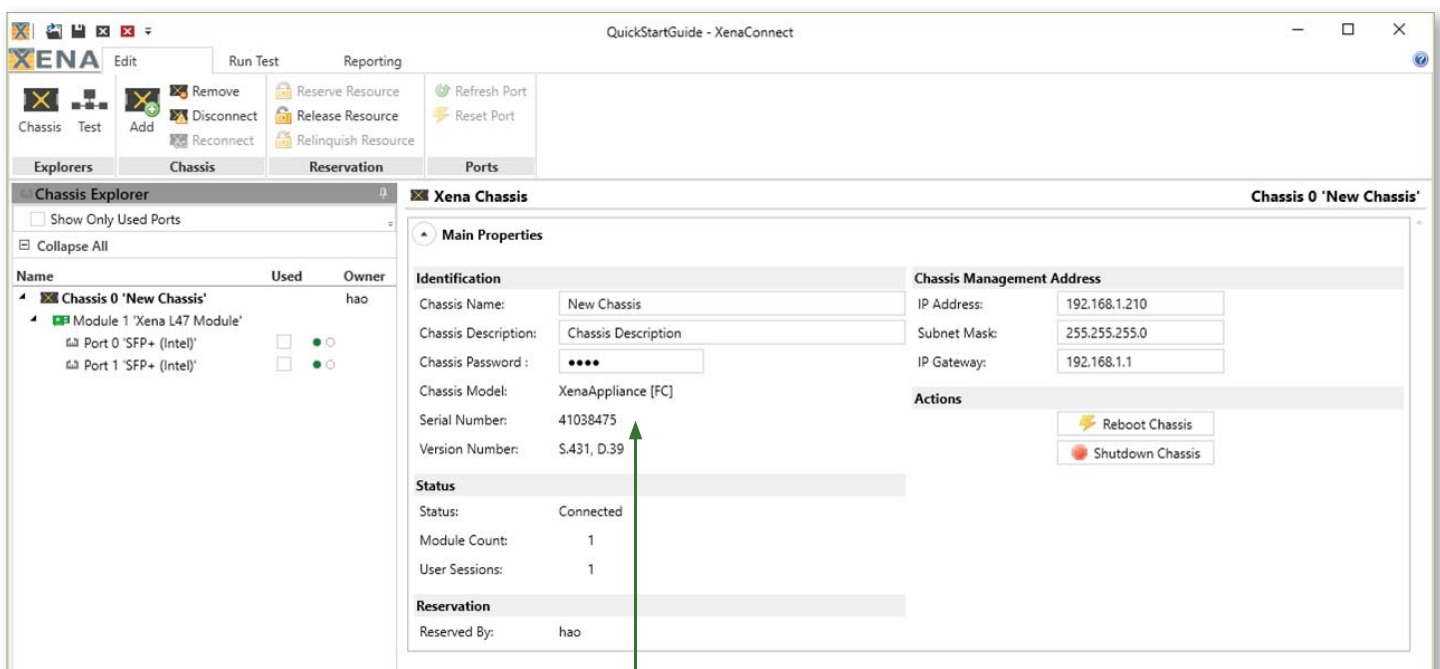
Address = 192.168.1.210

Subnet = 255.255.255.0

Gateway = 192.168.1.1

- You need a point-to-point connection from your PC to configure the chassis for the proper IP address, subnet, and gateway. Make sure your PC port is configured statically to an IP address in the 192.168.1.x range.
- For XFP, SFP and SFP+ modules, insert the required transceivers into their test-port cages. And remember to always use the small plugs to prevent dust entering optical transceivers when no cable is attached.
- Connect the power cable and the chassis should start to power up automatically. (If not, press the power button on the front panel.) The chassis takes 2-3 minutes to start up. When the chassis is running, the front-panel LEDs on the test modules start flashing. They stop flashing when the first connection is made.
- Connect the "Mgmt" Ethernet port on the chassis front panel to the port on your PC running a recent (XP or newer) version of Windows. (Remember the port on your PC must be configured statically to an IP address in the 192.168.1.x range.)
- Launch XenaConnect (there will be a shortcut on your desktop). Click the **Client <-> Server Topology** from the "Featured quick start templates". Input project name and choose a location for the project, then click **OK**.
- Click the **Add** button in the Chassis section of the ribbon bar. In the dialog box, enter chassis address "192.168.1.210", and chassis password "xena", then click **OK**.

You should now be connected to the chassis, which is named e.g. "New Chassis". The **Chassis Explorer** tree view to the left shows all the chassis resources, such as test modules and test ports. You can see the properties for the currently selected resource to the right, as shown below.



In the event of technical issues, please report the chassis/test module serial and version numbers listed here on the Main Properties panel.

3. Change the chassis IP address

Once you are connected to the chassis, you can change its name, password and IP address.

Important - if you lose IP network connectivity to the chassis during this step you will have to perform the recovery actions outlined below. In extreme instances you will need to contact Xena for detailed recovery instructions.

- Open XenaConnect as instructed in the last section.
- Select "Options" > "Set Username" and change your username. The default value will be your Windows username.
- In the **Chassis Explorer** treeview select the chassis item (with the black/orange icon, called "New Chassis" or some other name). The chassis properties will now be displayed in the **Main Properties** tab.
- Click the **Reserve Resource** button in the ribbon bar at the top so you can update the chassis properties.
- You now need to change the naming properties for the chassis. (These are highlighted by the red box above.)
 - In the **Chassis Name** field, enter a short name for the chassis, and press <ENTER>.
 - Likewise, enter a password and a descriptive text, pressing <ENTER> after each value.
- In the area highlighted by the blue box above enter the IP address, subnet mask, and gateway. Press <ENTER> after each value.
- Restart the chassis by clicking the **Reboot Chassis** button (or by manually powering the chassis off and on).
- When the chassis goes off-line, select the chassis in the **Chassis Explorer** treeview and click the **Remove** button in the ribbon bar.
- When the chassis comes back on-line it will have the new IP address and will be using the new name you just assigned to it.
- Remove the point-to-point connection between the chassis and your PC, and connect the chassis **Mgmt Port** to the appropriate network.
- Re-connect your PC to the network, and add the chassis again using the new IP address.

4. Recover the IP address

If you forget the IP address of the chassis you need another way to get in touch with it. This is done by making a point-to-point connection from your PC to the "Ext" Ethernet port. The "Ext" port is located to the right side of the "Mgmt" port on both XenaScale and XenaAppliance.

The "Ext" port is pre-configured with the following IP setup:

Address: **172.16.255.210**
Subnet: **255.255.255.0**
Gateway: **none**

You must configure your PC port statically to an IP address in the 172.16.255.x range, and then you will be able to ping the chassis again.

Now start XenaConnect, and connect to the chassis using the IP address 172.16.255.210.

Under the chassis **Main Properties** you can see which IP address is configured for the "Mgmt" port, and you can reserve the chassis and change it if necessary. Changes to the IP address of the "Mgmt" port take effect after rebooting the chassis.

Note that the IP configuration of the "Ext" port cannot be changed, and that you should not configure the "Mgmt" port to use this subnet.

5. Recover the chassis password

In the first two minutes after the tester has booted (when the test-port LEDs start flashing) you can use the chassis serial number as the password. The serial number is also printed on the label on the back of the chassis.

Once logged on, (re)set the password.

6. See also these resources

WEBSITE

There is a wealth of technical resources on our website. Try starting with the “Xena System Management Overview” document. See Resources > Documentation > Getting Started. Or use this URL: www.xenanetworks.com/resources/

VIDEOS

There is also a growing library of videos showing how to use our different software applications. See: www.xenanetworks.com/resources/videos/

USER GUIDES

Xena maintains up-to-date User Manuals and Help documents online.

See: www.xenanetworks.com/resources/documentation

SUPPORT

You can always request technical support by emailing:

support@xenanetworks.com

And finally, please remember ...

Buying a Xena L4-7 product automatically entitles you to a free 12 month hardware warranty, free technical support for the lifetime of the product, and a year of free software upgrades. You can always download the latest version here:

www.xenanetworks.com/download/



www.xenanetworks.com
Sales contact: sales@xenanetworks.com