



Demonstration Port Configuration Guide

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Purpose

This Guide explains how to load a port configuration file. This saves time if you have a standard set of features and functions you want to use and is also useful for quickly demonstrating key features.

The configuration file is a notepad file with a simple list of settings arranged in an order that XenaManager can easily interpret. The syntax is straight-forward so you can make changes to the file using any text editor and saving it as a “.xpc” file.

You can download the file here - <http://www.xenanetworks.com/FeatureDemo.zip>

Requirements

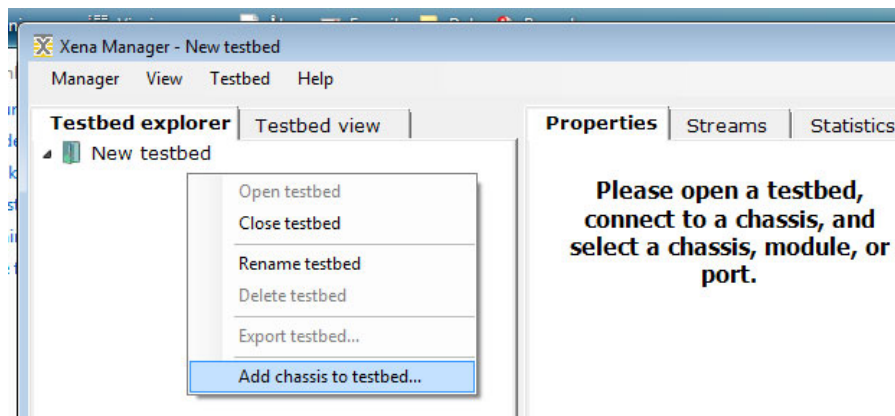
To use this guide you will need access to a Xena chassis and XenaManager. You can also do this online via Xena’s public demo unit which can be found here: http://www.xenanetworks.com/html/live_demo.html

Instructions

First launch XenaManager and connect to the chassis.

If you are using the public demo unit follow these steps:

1. Visit this [URL](#) and download the XenaManager software
2. Double-click to launch the .exe file
3. On the left, right-click on the “New testbed” item and then select “Add remote chassis to testbed”



4. In the dialog box enter IP address = “87.51.204.150” and password = “xena”, and click “Ok”.
5. Congratulations! You are now connected to a chassis called “Xena Live Demo”.

Now reserve a port.

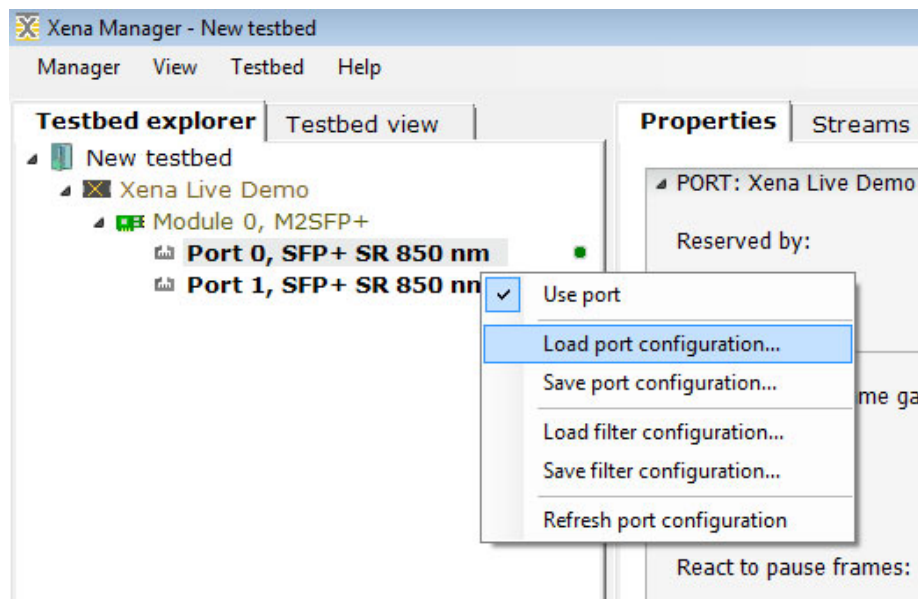
1. From the “Manager” menu select “User name” and enter your name or initials.
2. Reserve a port by clicking the “Reserve” button on their port property panel.
3. Note that loading the port configuration file will automatically reset the port.

Finally, load the configuration file

The final step is to load the [configuration file](#).

A demonstration port configuration file can be found here:

1. Simply right-click a port and choose "Load port configuration ..."



Explanation

The demonstration port configuration file is set up to provide the following:

- It is for a single port
- It puts the port into loop mode
- It can be loaded for both 1G and 10G ports
- On the "Streams" tab you will see four stream definitions
- On the "Global" tab press "START" to get it all going
- On the "Statistics" tab you can see "TRANSMIT STATISTICS" showing the four streams
- The first three streams use TIDs 77, 88, and 99, whereas the last one has no test payload
- The "RECEIVE STATISTICS" show the three test payload streams
- On the "Capture" tab you can see one of the streams with IP and UDP decoding
- In "CAPTURE RESULTS" you can see modification inside the "Type of service" and "Dst IP addr" fields
- The payload contains a repeated pattern of the 3-character string 'Hey'
- In "CAPTURE GRAPH" you can see a butterfly length distribution
- On the "Histograms" tab there is one histogram showing a uniform random packet length distribution
- And another showing the two spikes of a bursty IFG distribution
- On the "Filters" tab there is one filter picking out a specific destination IP address
- And another that looks for a range of lengths to a particular destination MAC address
- In "RECEIVE STATISTICS" you can expand the "Filter traffic:" subsection and see the two filters