



# **DELL R730/R740 2U server Setup**

## **Quick Start Guide**

**08/20/2020**

# 1 Network Configuration

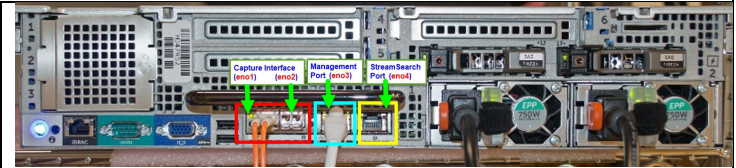
Before capturing packets, some initial configuration is required.

A VGA display and USB keyboard are necessary at first for locally configuring the network. An Ethernet connection to an onboard gigabit interface is also required.

Note: By default the management Ethernet port is pre-configured for DHCP. If a static IP is needed, you will need to set this during the quick start process.

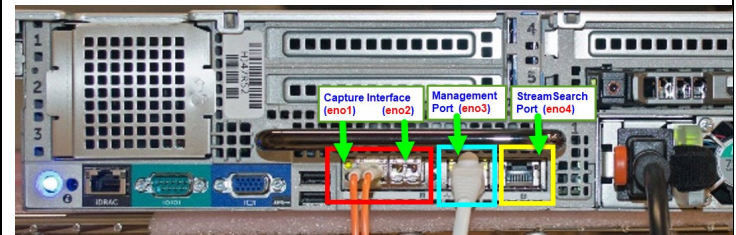
**1. Provide a network connection for remote access to server**

Provide an Ethernet connection to the left most onboard Ethernet port physically shown in the picture with the white cable(blue square).



**2. Provide a network connection(s) for network capture**

Provide 10G optical fiber (850nm, multimode, SR) connection(s) using the Interfaces 0 and/or 1 as shown in the figure(red square).  
Note: Make sure there is traffic being generated over the connections.



Back panel closeup

**3. Log in**

After booting the system to the OS, login with the following user information: User: *continuum* Password: *Contact Support*

**4. Record the IP Address**

Once logged in, open a terminal and enter: `#ifconfig`  
This will provide the IP address of the Ethernet port currently connected. Record the IP address.  
(Note: to set a static IP address, please review the Packet Continuum User Guide.)

```
eth0  Link encap:Ethernet  HWaddr 00:00:00:00:00:00
      inet addr:192.168.1.1  Bcast:192.168.1.255  Mask:255.255.255.0
      UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
      RX packets:276 errors:0 dropped:0 overruns:0 frame:0
      TX packets:89 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:36178 (35.3 KiB)  TX bytes:19011 (18.5 KiB)
```

<p>5. Test connection</p>	<p>To test the connection, ping your internal network or login remotely via SSH on port 22. If there is a successful connection, please go to part 2 of this guide. If not please contact support.</p>
<div style="background-color: #2c4e64; color: white; border-radius: 15px; padding: 20px; text-align: center; font-size: 24px; font-weight: bold;">2 Start Recording</div>	<p>Now that there is a successful network and/or cluster connection to the system, it's time to begin recording network packets to disk. Using the web interface, the user can begin recording and view statistics about traffic on a network.</p>
<p>1. Start the web interface</p>	<p><b>Remote Access:</b> On any remote system connected to the network, open a web browser (firefox) and enter the IP address of the system followed by the port# 41390 in the form: <a href="https://&lt;IP Address&gt;:41390">https://&lt;IP Address&gt;:41390</a></p> <p><b>Local Access:</b> On the VM, click on the Application tab and select internet. Open a web browser (firefox) and enter <a href="https://&lt;localhost&gt;:41390">https://&lt;localhost&gt;:41390</a></p>
<p>2. Log in:</p>	<p>Now you should see the Packet Continuum login screen. By default, a “continuum” account has already been created. Enter "continuum" for the UserName, and <i>contact support</i> for the Password.</p>