# Quantum

#### **Accessing SANtricity**

SANtricity Storage Manager software provides a Java-based GUI for administering LSI storage arrays. It can be used with the DXi7500 and DXi8500 only.

You can use Xming (free X server) or VNC (remote desktop application) to remotely access SANtricity, as discussed below.

## **Using Xming to Access SANtricity**

First Step: Install and Configure Xming and PuTTY

- 1. Download Xming from here and install it on your computer: http://sourceforge.net/projects/xming/
- 2. Download PuTTY from here and install it on your computer: http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
- 3. Configure PuTTY, as shown in the image after this step.
  - A. Run PuTTY.
  - B. Enter the IP address of the DXi7500 or DXi8500 system in the Host Name (or IP address) field.
  - C. In the **Connection type** field immediately below, select **SSH**, if it is not already selected.
  - D. In the left-hand pane, click the + sign next to **SSH** to get a list of SSH options.
  - E. Select **X11**.



- F. In the **Options controlling SSH X11 forwarding** box, select the **Enable X11 forwarding** checkbox (not shown).
- G. If you wish to save the session, select **Session** in the left pane, then click **Save** in the **Load**, **save or delete a stored session box** (not shown).
- H. Click **Open** to open the session.

#### Second Step: Access SANtricity Using Xming

- 1. Start Xming.
- 2. Connect to the DXi system using a configured PuTTY session.
- 3. Log in as root.
- 4. Open the SANtricity window by typing **SMclient** at the prompt.

## **Using VNC to Access SANtricity**

First Step: Install and Configure VNC Viewer and PuTTY

- Download the VNC Viewer from here and install it on your computer: http://tightvnc.com/download-old.php
  All you need is the Viewer. You may deselect TightVNC Server in the Select Components dialog box.
- 2. Download PuTTY from here and install it on your computer: http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
- 3. Configure PuTTY.
  - A. Run PuTTY.
    - B. Enter the IP address of the DXi7500 or DXi8500 system in the Host Name (or IP address) field.
  - C. Save the session for future use. (No further configuration is needed.)

😵 PuTTY Configuration		<u>? ×</u>
Category:		
🖃 Session	Basic options for your PuTTY session Specify the destination you want to connect to	
Logging		
■ Lerminal Keyboard	Host Name (or IP address)	Port
Bell		22
Features	Connection type:	
🖃 Window	🔷 🔿 Rawi 🔿 Telnet 🔿 Rlogin 💿 SSH	l 🔘 Serial
Appearance Behaviour Translation Selection Colours Connection Data Proxy Telnet Rlogin ESH Serial	Load, save or delete a stored session Saved Sessions Default Settings dxi8500	Load Save Delete
	Close window on exit: Always Never Only on clean exit	
About Help	Open	Cancel

Second Step: Use VNC to Access SANtricity

1. Connect to the DXi system using a configured PuTTY session.

- 2. Log in as root.
- 3. Type /etc/init.d/vncserver start and look for this response: # Starting VNC server: 1:root
- 4. Start VNC Viewer on your computer and enter the IP address of the DXi7500 or DXi8500 using this protocol <DXi IP>:1
- 5. When prompted for a password, enter the root password.
- 6. When you are done, stop the VNC service on the DXi system by typing **/etc/init.d/vncserver stop**.

New TightVNC Connection	Standard VNC Authentication 🛛 🔀	
TightVNC Server:   Connection profile   Connect     Connection profile   Default connection   Options     Configuration   High-speed network   Close	VNC Host:     10.20.218.20:1       User name:	

To report changes or errors, e-mail LearningAdmin@Quantum.com.

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