

How to add tape device to ESXi 6.7 and above

Labs equipment:

Server Lenovo System x3650 M5 with

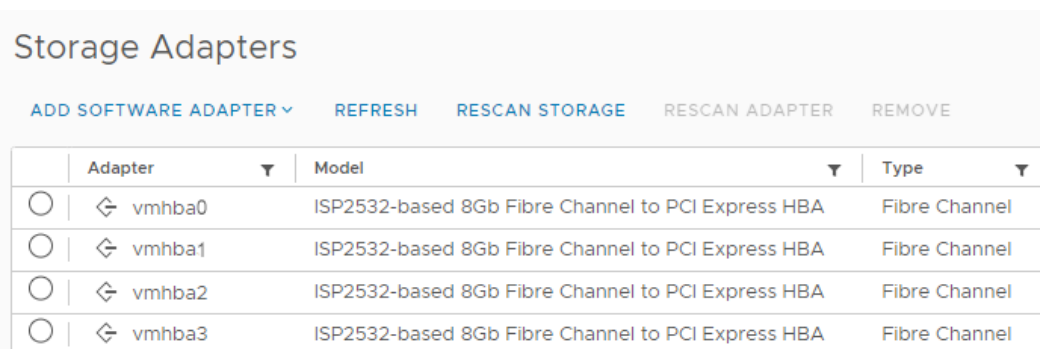
Two card Qlogic LP ISP2532-based dual Port 8Gb Fibre Channel to PCI Express HBA card

Tape library IBM TS3100 with two tape drivers ULT3580-HH6

Task: Connect two links of the first card to the library drives. Links of the second card to the storage.

Step 1. Find our DEVICE

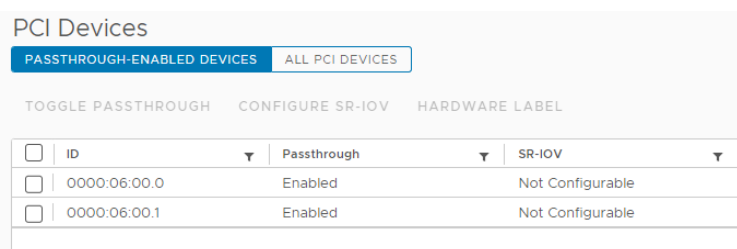
Go-to ESXi Host Menu > Configure > Storage Adapters



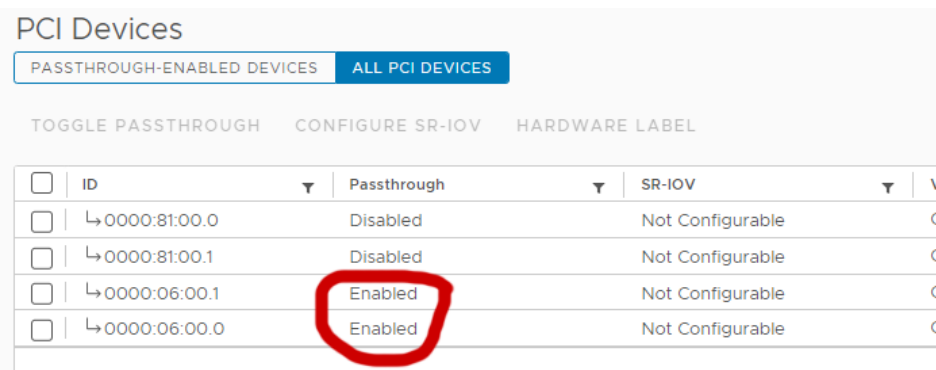
Adapter	Model	Type
<input type="radio"/> vmhba0	ISP2532-based 8Gb Fibre Channel to PCI Express HBA	Fibre Channel
<input type="radio"/> vmhba1	ISP2532-based 8Gb Fibre Channel to PCI Express HBA	Fibre Channel
<input type="radio"/> vmhba2	ISP2532-based 8Gb Fibre Channel to PCI Express HBA	Fibre Channel
<input type="radio"/> vmhba3	ISP2532-based 8Gb Fibre Channel to PCI Express HBA	Fibre Channel

Step 2. Make our PCI HBA Card 1 passthrough.

Go-to ESXi Host Menu > Configure > Hardware > PCI Device



ID	Passthrough	SR-IOV
<input type="checkbox"/> 0000:06:00.0	Enabled	Not Configurable
<input type="checkbox"/> 0000:06:00.1	Enabled	Not Configurable



ID	Passthrough	SR-IOV
<input type="checkbox"/> ↪ 0000:81:00.0	Disabled	Not Configurable
<input type="checkbox"/> ↪ 0000:81:00.1	Disabled	Not Configurable
<input type="checkbox"/> ↪ 0000:06:00.1	Enabled	Not Configurable
<input type="checkbox"/> ↪ 0000:06:00.0	Enabled	Not Configurable

Reboot HOST.

