To Create the ESXi Pass-through for the Recovery Archive

UEB on VMware uses the SAS Controller 9211-4i, along with an external SAS bracket. These instructions provide the steps to create the ESXi pass-through for the recovery archive.

Note: You can only connect one virtual machine to a pass-through at a time.

- 1. Log onto the ESXi server through vSphere:
 - Go to VMware, open the vSphere client, and connect to your host.
 - On the Login window, enter the IP address / Name, User name, and Password, then click Login.

| To directly manage a singl To manage multiple hosts, vCenter Server. | e host, enter the IP addres enter the IP address or na | s or host name. me of a |
|--|---|----------------------------|
| IP address / <u>N</u> ame: | 192.168.197.115 | • |
| User name: | | |
| Password: | | |
| | Use <u>W</u> indows session | redentials |
| | Login | <u>C</u> lose <u>H</u> elp |

- 2. Configure the device for the pass-through:
 - Click on the appropriate device from the list at the bottom of the window.
 - Select Advanced Settings in the column. The Pass-through Configuration window lists all available pass-through devices.
 - Click Configure Passthrough... in the top right corner. You see the Mark devices for passthrough window.
 - Check the box associated with the device (the LSI 2004 box) and click OK. You see a message to restart your computer.

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Caution 1: Be sure to select the appropriate device or you could lose access to the ESXi server.

Caution 2: If there is another controller that uses the same LSI chip set, you may see more than one in the list and you must determine the appropriate one to select. For more information, go to the VMware knowledgebase.



- 3. Restart your computer:
 - Shut down all virtual machines before you restart.
 - Right-click the Host IP in the upper left part of the window and select Enter Maintenance
 Mode. You see a message to confirm the maintenance mode.



- Click **Yes** to confirm maintenance mode.
- Use your normal process to reboot.
- 4. Verify the pass-through:
 - Log back into vSphere.
 - Click the **Configuration** tab.
 - Click Advanced Settings under the Hardware column. Your device should be listed in the main portion of the window.



- 5. Add the pass-through device to the virtual machine:
 - Power down the virtual machine.
 - Right click on the virtual machine, and click Edit Settings. You see the Virtual Machine Properties window.

| ardware Options Resources | | | Virtual Machine Version |
|---------------------------|----------------|--------------|--|
| Show All Devices | Add Remove | Memory Confi | guration |
| | | 255 GB | Memory Size: 4 🕂 GB 💌 |
| lardware | Summary | 128 GB | Maximum recommended for this |
| Memory | 4096 MB | | guest OS: 255 GB. |
| CPUs | Z Mideo and | 64 GB- | Maximum recommended for best |
| Video card | Video card | 32 GB | performance: 32736 MB. |
| | Restricted | | Default recommended for this |
| SCSL controller | Present | 16 GB- | guest OS: 2 GB. |
| CD/DVD drive 1 | Client Davise | 8 GB - | Minimum recommended for this |
| Bard dick 1 | Virtual Dick | | guest US: 512 MB. |
| Hard dick 2 | Virtual Disk | 4 GB | |
| Network adapter 1 | VM Network | 2 68 4 | |
| Network adapter 1 | VITINEEWOIK | 2 30 | |
| | | 1 GB | |
| | | ELO MO | |
| | | 512 MD | |
| | | 256 MB | |
| | | 100.00 | |
| | | 128 MB | |
| | | 64 MB | |
| | | | |
| | | 32 MB | |
| | | 16 MB | |
| | | | |
| | | 8 MB - | |
| | | 4 MB | |
| | | | |
| | | | |

Click Add. You see the Add Hardware window.

| 🖉 Add Hardware | · · · · · | X |
|--|--|--|
| Device Type What sort of device do | you wish to add to your virtual machine | ? |
| Device Type Select PCI/PCIe Device Ready to Complete | Choose the type of device you wi Serial Port Parallel Port CD/PVD Drive CD/PVD Drive USB Device (unavailable) CD/PVD Drive USB Device (unavailable) CD/PVD Drive CD/PVD Drive | sh to add. Information This device can be added to this Virtual Machine. |
| Help | | <back next=""> Cancel</back> |

- Click on **PCI Device** in the selection window and click **Next**.
- Select the device from the drop-down list to specify the physical PCI/PCIe device for connection. A new window displays the device.

| Add Hardware Choose PCI Device Which of the present PCI/ | PCIe devices would you like to add? |
|--|---|
| Device Type Select PCI/PCIe Device Ready to Complete | Connection Specify the physical PCI/PCIe Device to connect to: 04:00.0 LSI Logic / Symbios Logic LSI2004 Image: the presence of a PCI/PCIe device passthrough will prevent the use of many commands on the virtual machine. It will not be able to be suspended, to have anaphrots taken or related, or to participate in Myloun. Image: Adding a PCI Passthrough device to this VM will automatically set its minimum memory reservation equal to its memory size. |
| Help | <back next=""> Cancel</back> |

• Click **Finish** to complete the pass-through.

| 🕗 Add Hardware | | × |
|---|--|--------|
| Ready to Complete Review the selected op | tions and click Finish to add the hardware. | |
| Device Type Select PCI/PCIe Device | Options: | |
| Keady to Complete | PCT/PCIe Device: 04:00.0 LSI Logic / Symbios Logic LSI2004 | |
| Help | < Back Finish | Cancel |

You see a list of all devices on the Virtual Machine Properties window, including the device you added for the pass-through, such as "New PCI Device (adding)."

| ardware Options Resources | Add Remove | Virtual Machine Version |
|-------------------------------|--|---|
| tardware | Summery 4954 MB 2 10 Geo card Restinged Present Centor David Control David Virtual David | Specify the physical PCLPCE percent to content to: SH40.0 Lit Lager, / Smithering Litts (Litts) |
| tella | | 06 Cavel |

- Click OK.
- 6. Reboot the virtual machine. Once complete, you are ready to archive.
- 7. View the device in Unitrends:
 - Login to Unitrends.
 - Go to **Archive** > **Media**. The device you added is listed under Archive Media.

See the <u>To view connected media</u> section in the <u>Unitrends Administrators Guide</u>.