1. Install HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (VIB file) if need))

This VIB file is used to update the HPE ProLiant Smart Array driver on an existing VMware vSphere 6.5 installation. VIB file version must be higher than the driver version already installed.

Installation:

VIB file is used to update the hpsa driver after the vSphere 6.5 OS is already installed.

esxupdate method does not work for installing drivers on vSphere 6.5.

Driver VIBs may be installed using the esxcli utility:

Configure the server for troubleshooting mode (enable vSphere shell, and enable SSH)

Use SCP to push new VIB file onto vSphere 6.5 server

>scp <vib location> <server's IP address>:/tmp

At vSphere 6.5 server's system console, select Alt-F1

Login to vSphere Shell as root

cd to /tmp

Copy the vib file to /var/log/vmware

>cp <VIB's current location in /tmp> /var/log/vmware

Install the VIB file using esxcli:

>esxcli software vib install -v file:<vib's location in /tmp> --force -no-sig-check -maintenance-mode

After install, you'll need to reboot

https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX 667716d4a6854e73b718994cf1

esxcli software vib install -v file:/tmp/nhpsa-2.0.24-10EM.650.0.0.4598673.x86_64.vib --force --no-sig-check --maintenance-mode

reboot -f

```
login as: root
Using keyboard-interactive authentication.
Password:
The time and date of this login have been sent to the system logs.

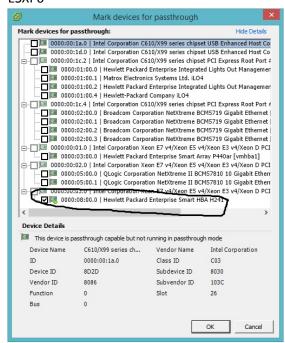
VMware offers supported, powerful system administration tools. Please
see www.vmware.com/go/sysadmintools for details.

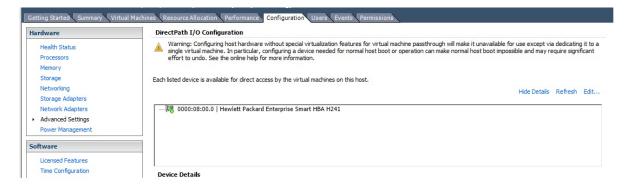
The ESXi Shell can be disabled by an administrative user. See the
v5phere Security documentation for more information.
[root6wnode-msk-03:-] esxcli software vib install -v file:/tmp/nhpsa-2.0.24-10EM.650.0.0.4598673.x86_64.vib --force --no-sig-check --maintenance-mode
Installation Result
Message: The update completed successfully, but the system needs to be rebooted for the changes to be effective.
Reboot Required: true
VIBs Installed: Microsemi_bootbank_nhpsa_2.0.24-10EM.650.0.0.4598673
VIBs Removed:
VIBs Skipped:
[root6wnode-msk-03:-] reboot -f
[root6wnode-msk-03:-] reboot -f
[root6wnode-msk-03:-]
```

2. Config passthru

a. Config passthru for ESXI 6

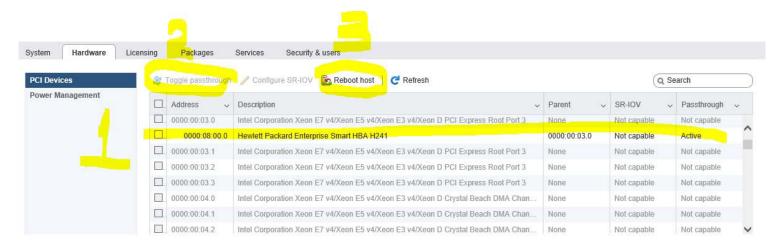
ESXI 6





Reboot is required

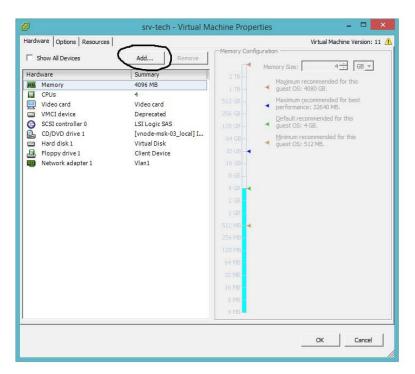
(ESXI 6.5)

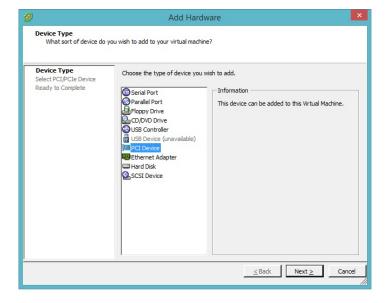


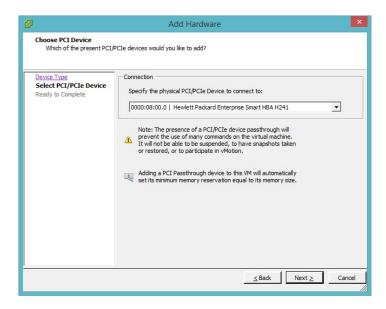
b. Config passthru For Virtual server windows 2016

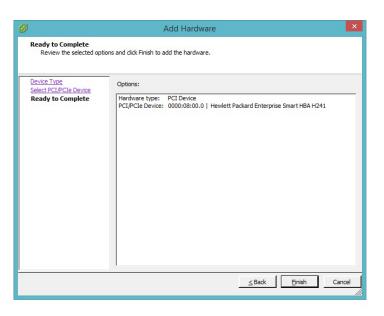
Edit setting for Virtual server windows 2016 --- add hardware

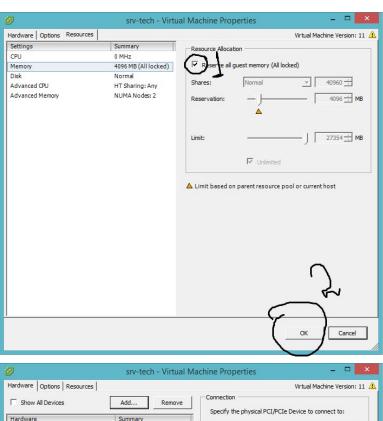
For ESXI 6

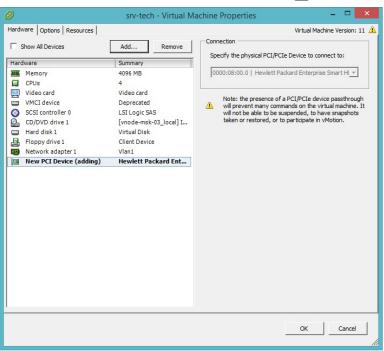




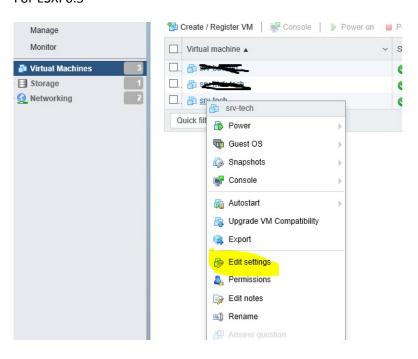


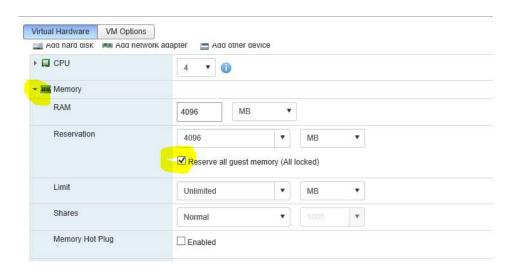


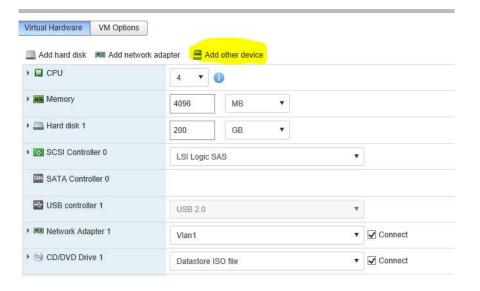


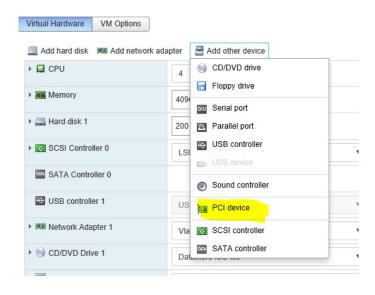


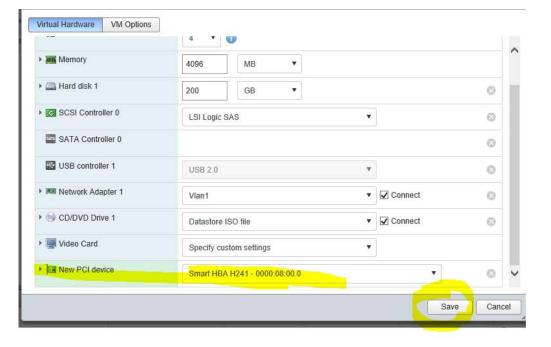
For ESXI 6.5









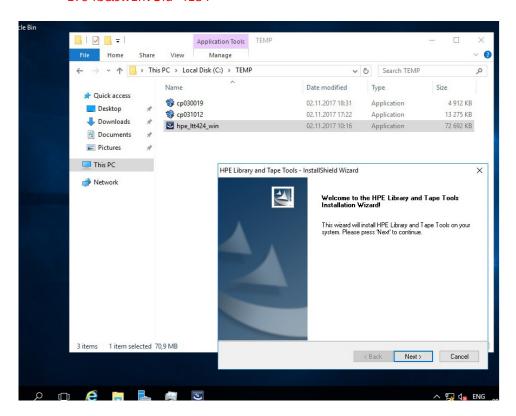


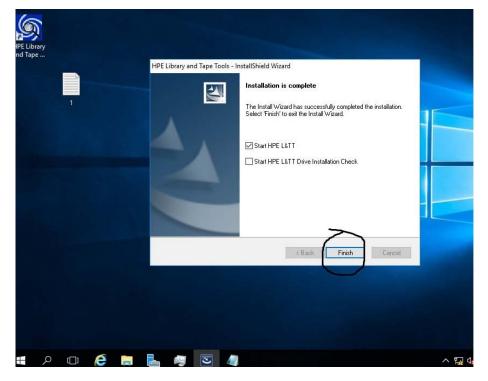
3. Install HPE Library and Tape Tools, HP Smart Storage Administrator, drivers on Virtual server windows 2016

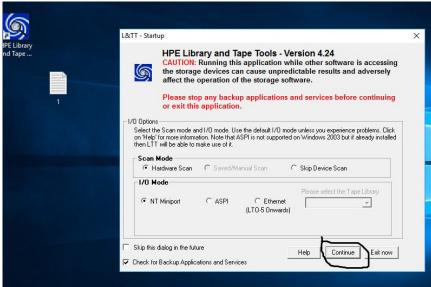
Power On virtual server

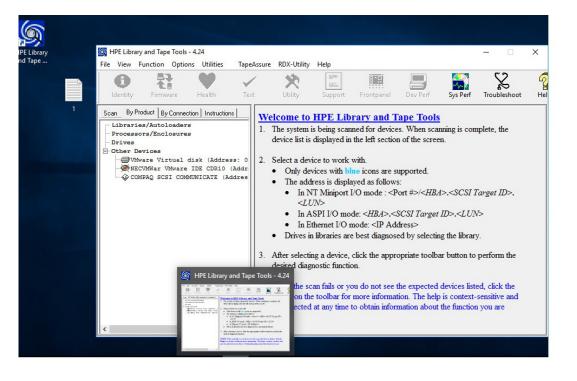
Install HPE Library and Tape Tools 4.24
 HPE Library and Tape Tools is a collection of storage hardware management and diagnostic tools for tape mechanisms and tape automation products. HPE Library and Tape Tools assembles these tools into a single, convenient program.

https://support.hpe.com/hpsc/swd/public/detail?sp4ts.oid=1009019479&swItemId=MTX_7d605c7dec8b47c8a5c63 1794b&swEnvOid=4184









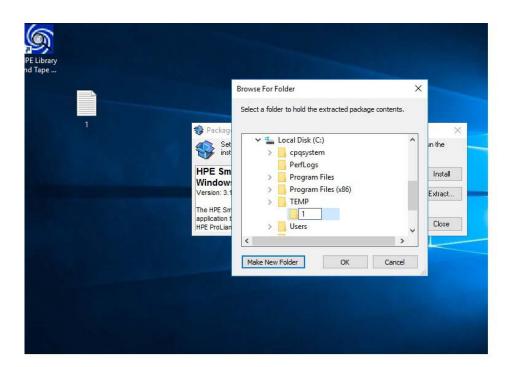
b. Install HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit Package

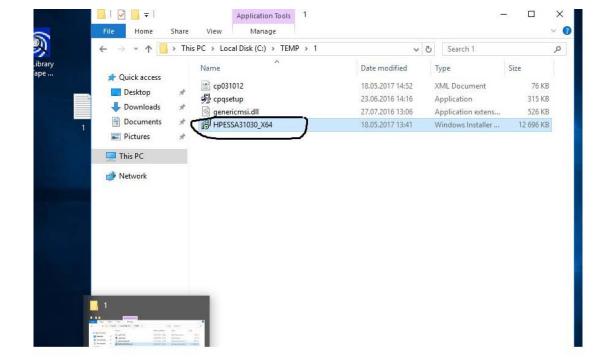
The HP Smart Storage Administrator (HP SSA) helps you configure, manage, diagnose, and monitor HP ProLiant Smart Array Controllers and now other storage devices as well, such as host bus adapters (HBAs), HP Storage controllers, and future devices such as SCSI Express drives, and SAS switch devices. HP SSA replaces the existing HP Array Configuration Utility, or ACU, with an updated design and will deliver new features and functionality for various Smart Storage initiatives as they come online. HP SSA will allow you to configure and manage your storage as before, but now with additional features, abilities, and supported devices.

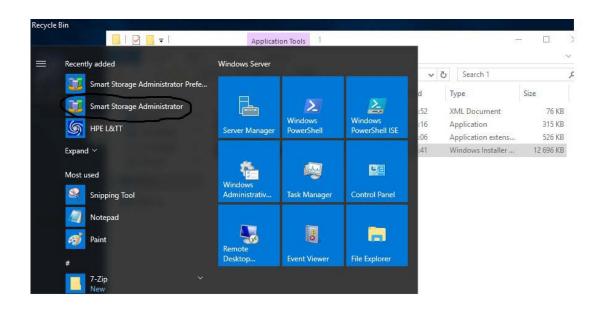
Existing ACU scripts should only need to make minimal changes such as calling the appropriate binary or executable in order to maintain compatibility.

https://support.hpe.com/hpsc/swd/public/detail?swItemId=MTX fac66a01809546579a9c3fd050



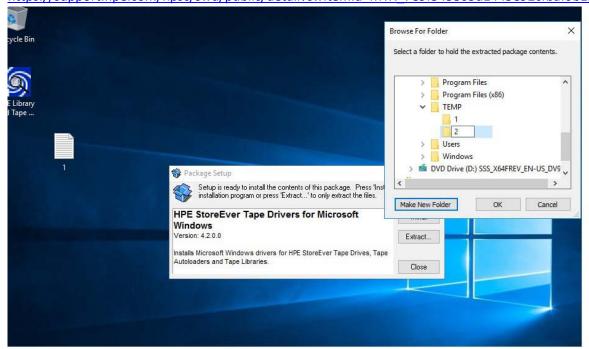


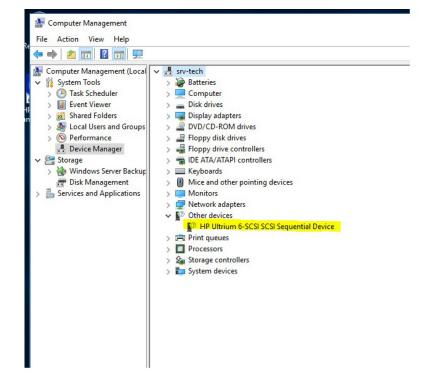


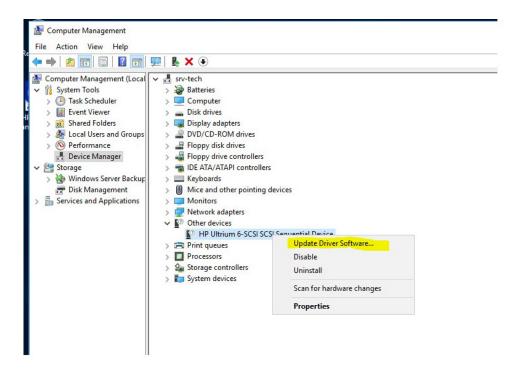


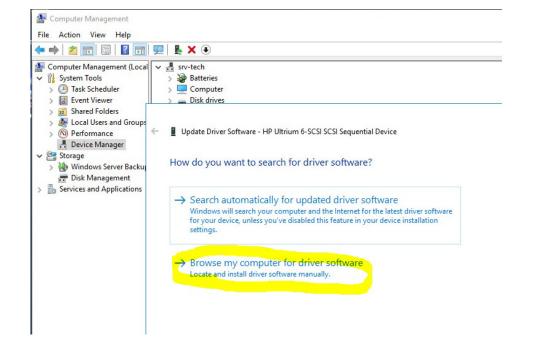


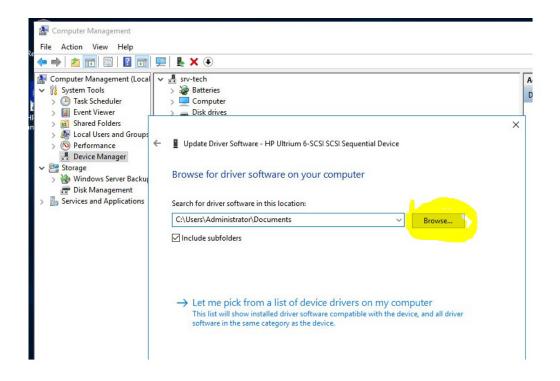
c. Installs Microsoft Windows drivers for HPE StoreEver Tape Drives, Tape Autoloaders and Tape Libraries. https://support.hpe.com/hpsc/swd/public/detail?swltemld=MTX 7e9f343865d1445e92cfbaf0b1#tab2

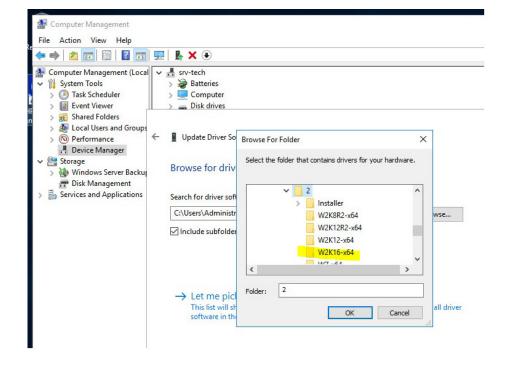


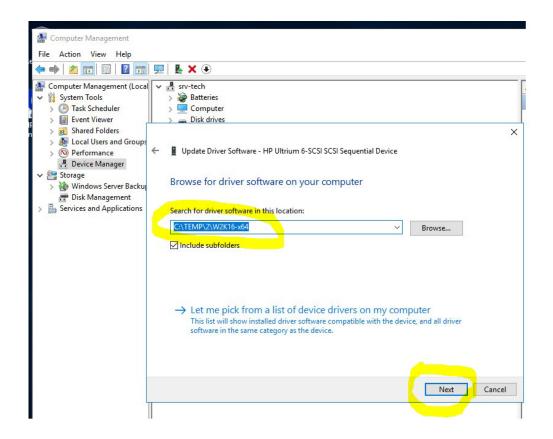


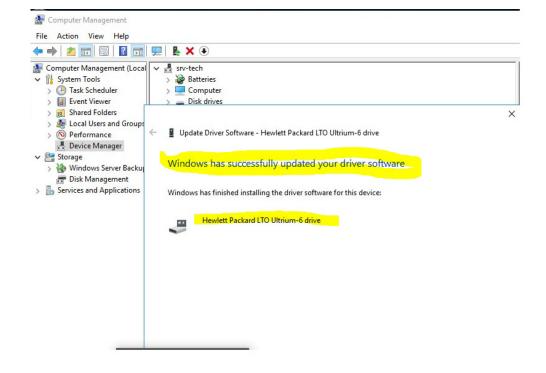


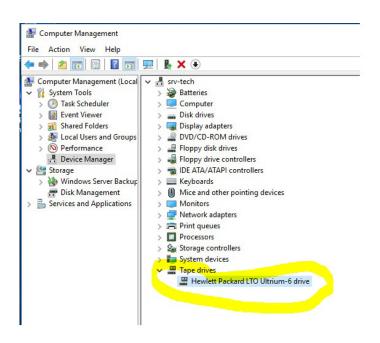












4. Check with HPE Library and Tape Tools

