Contents

Chapter 1. Introduction ............................................................................................................... 1

Chapter 2. Identify parts ........................................................................................................... 2

Chapter 3. Hardware replacement procedures .......................................................................... 5
  Replace a front HDD/SSD .................................................................................................. 5
  Replace a power supply unit (PSU) .................................................................................. 6
  Replace a chassis fan ....................................................................................................... 7
  Replace a network interface card (NIC) .......................................................................... 8
  Replace a host bus adapter (HBA) ................................................................................ 9
  Replace a memory DIMM .............................................................................................. 11
  Replace the M.2 Adapter ............................................................................................... 12
  Complete the parts replacement .................................................................................. 13

Chapter 4. Software Tools ..................................................................................................... 14
  Nutanix Support Link .................................................................................................... 14

Chapter 5. Configuration procedures .................................................................................. 15
  Configure Boot Order .................................................................................................. 16
  Configure M.2 Mirroring .............................................................................................. 16
  Update the appliance name ......................................................................................... 17

Appendix A. Notices ............................................................................................................. 18

Appendix B. Trademarks ..................................................................................................... 19
Chapter 1. Introduction
This document describes the procedures to diagnose and replace hardware in Lenovo ThinkAgile HX Series appliances.

Chapter 2 identifies the location of appliance parts. Chapter 3 details diagnosis and part replacement procedures. Chapter 4 describes software tools to help configure the appliances. Chapter 5 details configuration procedures that may be required for some part replacements.

Use the following general steps to maintain and replace hardware:
- Identify and diagnose a problem
- Request and receive a replacement part (customer replaceable unit – CRU) from Lenovo
- Node shut down, unless it is a hot-swap part
- Part replacement
- Node power on, unless it is a hot-swap part
- Verify the problem is resolved by part replacement. Return failed part(s) to Lenovo

Customer replaceable units (CRUs) are parts that can be replaced in the Lenovo ThinkAgile HX Series appliances. Note: parts cannot be removed or added.

Replacement of CRUs is user responsibility. Lenovo charges for CRU installation at user request. The most important CRU replacements are listed below:
- Replace a front HDD/SSD, page 5
- Replace a power supply, page 6
- Replace a chassis fan, page 7
- Replace a network interface card, page 8
- Replace a host bus adapter (HBA), page 9
- Replace a memory DIMM, page 11
- Replace the M.2 adapter, page 12

You may request Lenovo install a Field replaceable unit (FRU) at no additional charge, while under warranty. Some of the most important FRU parts include Microprocessors and System Motherboards.
Chapter 2. Identify parts

This chapter helps locate parts for the Lenovo ThinkAgile HX Series appliances.

Figure 1 shows the front view of the Lenovo ThinkAgile HX3520-G appliance.

![Figure 1. Lenovo ThinkAgile HX3520-G appliance front view](image)

Table 1. Components on the front of the HX 3520-G appliance

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VGA Connector</td>
</tr>
<tr>
<td>2</td>
<td>1x USB 2.0 port with XCC access</td>
</tr>
<tr>
<td>3</td>
<td>1x USB 3.0 port</td>
</tr>
<tr>
<td>4</td>
<td>Power button</td>
</tr>
<tr>
<td>5</td>
<td>Status LEDs</td>
</tr>
<tr>
<td>6</td>
<td>Up to 16x 2.5-inch hot-swap drive bays</td>
</tr>
</tbody>
</table>

Figure 2 shows the front view of the Lenovo ThinkAgile HX5520, HX5520-C, HX1520-R appliances.

![Figure 2. Lenovo ThinkAgile HX5520, HX5520-C, HX1520-R appliances front view](image)

Table 2. Components on the front of the ThinkAgile HX5520, HX5520-C, HX1520-R appliances

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VGA connector</td>
</tr>
<tr>
<td>2</td>
<td>1x USB 3.0 port</td>
</tr>
<tr>
<td>3</td>
<td>1x USB 2.0 port with XCC access</td>
</tr>
<tr>
<td>4</td>
<td>Power button</td>
</tr>
<tr>
<td>5</td>
<td>Status LEDs</td>
</tr>
<tr>
<td>6</td>
<td>12x 3.5-inch hot-swap drive bays</td>
</tr>
</tbody>
</table>
Figure 3 shows the front view of the Lenovo ThinkAgile HX7520 appliance.

![Figure 3. Lenovo ThinkAgile HX7520 appliance front view](image)

Table 3. Components on the front of the HX 7520 appliance

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1) VGA Connector</td>
<td>2) 1x USB 3.0 port</td>
</tr>
<tr>
<td>3) 1x USB 2.0 port with XCC access</td>
<td>4) Power button</td>
</tr>
<tr>
<td>5) Status LEDs</td>
<td>6) Up to 24x 2.5 in SAS/SATA hot-swap drive bays</td>
</tr>
</tbody>
</table>

Figure 4 shows the internal system motherboard and the location of parts.

![Figure 4. Inside view of system and location of parts](image)
Table 4. System board components

<table>
<thead>
<tr>
<th>1) PCIe riser card</th>
<th>2) CPU #1</th>
<th>3) Hot-swap fans</th>
</tr>
</thead>
<tbody>
<tr>
<td>4) 2.5 inch drive bays</td>
<td>5) Memory DIMM</td>
<td>6) CPU #2</td>
</tr>
<tr>
<td>7) Hot-swap PSU, 1+1 redundant</td>
<td>8) M.2 slot</td>
<td>9) LOM card</td>
</tr>
</tbody>
</table>

Figure 5 shows rear view of system.

![Rear view of system](image)

Figure 5. Rear view of server models with two hot-swap drive bays and one PCIe slot

Table 5. Components on the rear of the server

<table>
<thead>
<tr>
<th>1) 10/100/1000 Mb Ethernet port for XCC</th>
<th>2) Up to 6x PCIe slots</th>
</tr>
</thead>
<tbody>
<tr>
<td>3) 2x hot-swap power supplies</td>
<td>4) 2x USB 3.0 ports</td>
</tr>
<tr>
<td>5) 1x VGA port</td>
<td>6) LOM card</td>
</tr>
</tbody>
</table>
Chapter 3. Hardware replacement procedures

This chapter details procedures to replace hardware in Lenovo ThinkAgile HX Series appliances. When instructed to return a part, follow all packaging instructions, and use any supplied shipping/packaging materials. ThinkAgile HX 2U systems share the same hardware with the Lenovo ThinkSystem SR650 models. For the information of hardware replacement not covered in this Hardware Replacement Guide, refer to ThinkSystem SR650 Maintenance Manual at the following Web site:


Replaceable parts are:

- Structural parts: The user is responsible to purchase and replace structural parts such as chassis assembly, top cover, and bezel. Lenovo charges to acquire or installs a structural component at user request.
- Customer replaceable unit (CRU): Replacement of CRUs is the user’s responsibility. If Lenovo installs a CRU upon user request, there is a charge.
- Field replaceable unit (FRU): You may install a FRU yourself or request Lenovo to install it, at no additional charge, under the type of warranty service that is designated for your server.

For information about the terms of the warranty, see the *Warranty Information* document provided with the server.

For more information about getting service and assistance, see *Getting help and technical assistance* in the Lenovo ThinkAgile HX Series Quick Start Guide.

The remainder of this chapter is divided into sections of instructions and procedures to remove and replace major parts in Lenovo ThinkAgile HX Series appliances.

**Replace a front HDD/SSD**

Each Lenovo ThinkAgile HX Series appliance contains solid state drives (SSDs) and hard disk drives (HDDs). User data is striped across these drives, so they are referred to as data drives. A node might be able to self-correct for a data drive failure, but does lead to system degradation. Replace failed data drives quickly. A failed data drive is indicated by:

- Prism web console displays a diskalert
- The amber LED on the front of a drive carrier is illuminated.

Replace an SSD or HDD in the front of the appliance:

1. To identify and prepare to replace a failed data drive, use the *Data Drive Failure* procedure in the Nutanix Hardware Replacement Documentation.
2. Replace the hot swap drive as described in the *Hot-swap drive replacement* procedure in the ThinkSystem Information Center.
3. Bring the data drive online by using the *Completing Drive Replacement* procedure in the Nutanix Hardware Replacement Documentation.
4. To replace a failed metadata drive, use the *Metadata Drive replacement procedure* in the Nutanix Hardware Replacement Documentation.
Replace a power supply unit (PSU)

Lenovo ThinkAgile HX Series appliances use two power supply units. Those power supplies are redundant when using 208 - 230V input power, allowing one power supply to meet the needs of the node. Losing one power supply may not impact node operation, however, replace a failed power supply as soon as possible to restore redundancy.

A failed power supply unit is indicated by:
- Amber warning LED on node front panel is on
- XCC shows a power supply alert
- Nutanix Prism web console shows a power supply alert
- If using VMware ESXi, the vSphere client Hardware Status tab shows a power supply alert.

Table 6. Power supply options

<table>
<thead>
<tr>
<th>Feature</th>
<th>Display Description</th>
<th>HX1520-R</th>
<th>HX5520-G</th>
<th>HX5520-C</th>
<th>HX7520-</th>
<th>HX7520-N</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVWC</td>
<td>ThinkSystem 550W (230V/115V) Platinum Hot-Swap Power Supply</td>
<td></td>
<td>+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVWD</td>
<td>ThinkSystem 750W (230/115V) Platinum Hot-Swap Power Supply</td>
<td>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVWE</td>
<td>ThinkSystem 750W (230V) Titanium Hot-Swap Power Supply</td>
<td>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVWF</td>
<td>ThinkSystem 1100W (230V/115V) Platinum Hot-Swap Power Supply</td>
<td></td>
<td>+</td>
<td>+</td>
<td>+</td>
<td></td>
</tr>
<tr>
<td>AVWG</td>
<td>ThinkSystem 1600W (230V) Platinum Hot-Swap Power Supply</td>
<td>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Figure 6. Hot-swap power supply

Replace a power supply:
1. Lenovo ThinkAgile HX Series appliances contain two power supplies. Identify the failed power supply by checking in Prism, XCC or by indicator lights on the power supply units.
2. Disconnect the power supply power cable carefully. Do not dislodge the other power cable.
3. Remove the power supply as described in the Remove a hot-swap power supply procedure in the ThinkSystem Information Center.
4. Replace the power supply as described in the Install a hot-swap power supply procedure in the ThinkSystem Information Center.
5. Reconnect the power cable.
6. Verify that the power supply is successfully replaced:
   - Amber warning light on the server front panel is off
   - Green indicator light on each power supply is on
   - No error shown in XCC
   - No error shown in Prism

**Replace a chassis fan**

Failed or failing chassis fans can cause the system to overheat and shutdown. Replace a failed chassis fan quickly. A failed chassis fan is indicated by:

- An error in XCC
- An error in the Prism web console

![Image of Chassis Fan](image)

**Figure 7. Chassis fan**

Note: It is possible to replace the chassis fan while the system is powered on, if the cable management arm is in place. Replace a chassis fan:

1. Pull the node chassis from the rack.
2. Remove the top cover as described in the Removing the top cover procedure in the ThinkSystem Information Center.
3. Replace the chassis fan with the error LED on as described in the Replacing a hot-swap fan procedure in the ThinkSystem Information Center.
4. Replace the top cover as described in the Replacing the top cover procedure in the ThinkSystem Information Center.

5. Push node chassis back into the rack.

6. Verify that the chassis fan is successfully replaced:
   - Error LED for the replaced fan is off
   - Amber warning light on the node front panel is off
   - No error shown in XCC
   - No error shown in Prism

Replace a network interface card (NIC)

Lenovo ThinkAgile HX Series appliances can support up to eight network ports; two or four 10 GbE ports (up to 2 NICs), and two or four 10 GbE ports on the LOM adapter, connected to the motherboard. A node requires network connectivity to function as part of a cluster. If one network interface is available, the failure of the other network interfaces does not cause service interruption.

A failed NIC is indicated by:
   - No LED is illuminated for the network interface.
   - Guest VM performance degrades.
   - Guest VMs, the Nutanix web console, and nCLI are unavailable.
   - VM migration fails with an error message such as:

```
The migration was cancelled because the amount of changing memory for the VM was greater than the available network bandwidth
```

![Figure 8. Intel X550-T2 dual port 10G Base-T adapter](image)
Replace an NIC:

1. Lenovo ThinkAgile HX Series appliances can contain zero or one LOM NIC, with two or four ports, as well as up to two PCIe NICs. For nodes with multiple NICs, verify which has failed. Identify the failed NIC by either checking in the XCC or checking the indicator lights on the network ports.

2. Shut down the node by following the hypervisor specific Node Shutdown procedure described in the Nutanix Hardware Replacement Documentation.

3. Power off the node and if the cable management arm is not in place, disconnect all the cables. Pull the node chassis out of the rack.

4. Remove the top cover as described in the Removing the top cover procedure in the ThinkSystem Information Center.

5. Replace the defective LOM NIC as described in the LOM Adapter replacement procedure or replace one of the PCIe NICs as described in the Riser card replacement and PCIe adapter replacement procedures in the ThinkSystem Information Center.

6. Replace the top cover as described in the Replacing the top cover procedure in the ThinkSystem Information Center.

7. Push the node chassis back into the rack and reconnect the cables as necessary. Power on the node.

8. Start the node by following the hypervisor specific Node Start procedure described in the Nutanix Hardware Replacement Documentation.

9. Verify that the NIC has been successfully replaced:
   - Amber warning light on the node front panel is off
   - All network ports are fully functional

Replace a host bus adapter (HBA)

A node may be able to self-correct for other adapter card errors, however, a failed HBA can lead to system degradation and should be quickly addressed.

A failed HBA card is indicated by:

- If using VMware ESXi, vCenter Alarms or Hardware Status shows an alert
- The Prism web console shows a message similar to LSI HBA card not detected
- Slow disk performance or slow system performance
- The hypervisor cannot detect SSDs and HDDs, or the red LEDs on the drives are illuminated
- The CVM won't start because no storage controller resources are detected
- The hypervisor or BIOS does not detect the HBA card.
Replace an HBA card:

Table 7. SAS RAID adapters and HBAs for external storage

<table>
<thead>
<tr>
<th>HX1520-R, HX5520, HX5520-C</th>
<th>ThinkSystem 430-16i SAS/SATA 12Gb HBA (x1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HX7520</td>
<td>ThinkSystem 430-8i SAS/SATA 12Gb HBA (x3)</td>
</tr>
</tbody>
</table>

1. Shut down the node by following the hypervisor specific [Node Shutdown](#) procedure described in the Nutanix [Hardware Replacement Documentation](#).
2. Power off the node and if the cable management arm is not in place, disconnect all the cables. Pull the node chassis out of the rack.
3. Remove the top cover as described in the [Removing the top cover](#) procedure in the [ThinkSystem Information Center](#).
4. Replace the failed HBA adapter using procedures from the [ThinkSystem Information Center](#):
   - For all appliances, the HBA adapter is installed on the system motherboard. It is replaced using the [RAID adapter replacement](#) procedure.
5. Replace the top cover as described in the [Replacing the top cover](#) procedure in the [ThinkSystem Information Center](#).
6. Push the node chassis back into the rack and reconnect the cables as necessary. Power on the node.
7. Verify that the HBA is successfully replaced:
   - Amber warning light on the server is off
   - If the controller VM starts and all of the drives are shown as online (12 or 14 for the HX1520-R/HX5520/HX5520-C, 16 for the HX3520-G, and 24 for the HX7520). If the Controller VM does not boot, verify the LSI HBA card is detected using the `lspci` command:
     ```bash
     root@host lspci | grep –i SAS3408
     00:05.0 Serial Attached SCSI controller: LSI Logic / Symbios Logic SAS3408 Fusion-MPT Tri-Mode I/O Controller Chip (IOC) (rev 01)
     ```
   - If the LSI HBA card is not present, ensure the card is properly connected. If the card is still not detected, contact Lenovo support.
8. If the system fails to boot from the boot drive after replacing the HBA, verify the option ROM is turned off for the HBA adapter using “Disable option ROMs” procedure on page 22.

8. Start the node by following the hypervisor specific Node Start procedure described in the Nutanix Hardware Replacement Documentation.

Replace a memory DIMM

A node might be able to self-correct for certain memory errors, however, failed memory can lead to system degradation and should be quickly replaced. Indications of a failed DIMM are:

- A post error on boot
- An error in XCC
- An error in the Prism web console
- Not all memory is detected. For example, the appliance should have 256 GB per node and the host only shows 240 GB

The CRUs for 16 GB or 32 GB memory DIMMs are as follows:

<table>
<thead>
<tr>
<th>Table 8. Memory DIMM options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ThinkSystem 8GB TruDDR4 2666 MHz (1Rx8 1.2V) RDIMM</td>
</tr>
<tr>
<td>ThinkSystem 16GB TruDDR4 2666 MHz (2Rx8 1.2V) RDIMM</td>
</tr>
<tr>
<td>ThinkSystem 32GB TruDDR4 2666 MHz (2Rx4 1.2V) RDIMM</td>
</tr>
<tr>
<td>ThinkSystem 64GB TruDDR4 2666 MHz (4Rx4 1.2V) LRDIMM</td>
</tr>
</tbody>
</table>

Replace a memory DIMM:

1. Identify the failed DIMM by either checking the event logs in UEFI setup or use the XCC web console to browse the post event log. The event log contains information about the location of the DIMM fault.
2. Shut down the node by following the hypervisor specific Node Shutdown procedure described in the Nutanix Hardware Replacement Documentation.
3. Power off the node and if the cable management arm is not in place, disconnect all the cables. Pull the node chassis out of the rack.
4. Remove the top cover as described in the Removing the top cover procedure in the ThinkSystem Information Center.
5. Remove the air baffle as described in Removing the air baffle procedure in the ThinkSystem Information Center.
6. Replace the memory DIMM as described in the DIMM Replacement procedure in the ThinkSystem Information Center.
7. Replace the air baffle as described in the Replacing the air baffle procedure in the ThinkSystem Information Center.
8. Replace the top cover as described in the Replacing the top cover procedure in the ThinkSystem Information Center.
9. Push the node chassis back into the rack and reconnect the cables as necessary. Power on the node.
10. Start the node by following the hypervisor specific Node Start procedure described in the Nutanix Hardware Replacement Documentation.

11. Verify the DIMM memory failure is resolved:
   - No error in the post event log
   - No error shown in XCC
   - No error shown in Prism

Replace the M.2 Adapter

An assembled M.2 backplane and M.2 drive is also known as M.2 module. Lenovo support may ask that the M.2 module or M.2 backplane and M.2 drive be replaced.

Replace the M.2 backplane and M.2 drive:

1. Learn more about the overall process to replace a hypervisor boot drive.

2. Shut down the node by following the hypervisor specific Node Shutdown procedure described in the Nutanix Hardware Replacement Documentation.

3. Power off the node and if the cable management arm is not in place, disconnect all the cables. Pull the node chassis out of the rack.

4. Remove the top cover as described in the Removing the top cover procedure in the ThinkSystem Information Center.

5. Replace the M.2 backplane and M.2 drive as described in the M.2 backplane and M.2 drive replacement procedure in the ThinkSystem Information Center.
6. Replace the top cover as described in the Replacing the top cover procedure in the ThinkSystem Information Center.

7. Push the node chassis back into the rack and reconnect the cables as necessary. Power on the node.

8. Verify that the M.2 adapter is successfully replaced:
   - Amber warning light on the node front panel is off
   - System boots successfully with no POST errors or other errors

9. If the system does not boot, use the Phoenix installer to reinstall the hypervisor and CVM by following the “Imaging a Node” procedure in the appendix of the Nutanix Field Installation Guide.

**Complete the parts replacement**

Use this information to complete the parts replacement.

To complete the parts replacement, do the following:

1. Ensure that all components have been reassembled correctly and that no tools or loose screws are left inside your server.
2. Properly route and secure the cables in the server.
3. If you have removed the top cover, reinstall it.
4. Reconnect external cables and power cords to the server.

**Attention:** To avoid component damage, connect the power cords.

5. Update the server configuration if necessary.
   - Download and install the latest device drivers: [http://datacentersupport.lenovo.com](http://datacentersupport.lenovo.com)
   - Update the system firmware.
   - Use the Lenovo XClarity Provisioning Manager to update the UEFI configuration. For more information, see: [http://sysmgt.lenovofiles.com/help/topic/LXPM/UEFI_setup.html](http://sysmgt.lenovofiles.com/help/topic/LXPM/UEFI_setup.html)
   - Use the Lenovo XClarity Provisioning Manager to configure the RAID if you have installed or removed a hot-swap drive, a RAID adapter, or the M.2 backplane and M.2 drive. For more information, see: [http://sysmgt.lenovofiles.com/help/topic/LXPM/RAID_setup.html](http://sysmgt.lenovofiles.com/help/topic/LXPM/RAID_setup.html)

**Note:** Make sure the latest version of ThinkSystem M.2 with Mirroring Enablement Kit Firmware is applied to avoid virtual disk/array missing after system board replacement.
Chapter 4. Software Tools

Use the following software tools for easier appliance configuration:

Lenovo XClarity Essentials OneCLI (OneCLI)

The OneCLI tool is a collection of command line applications that facilitate Lenovo server management by providing functions. Use it on multiple operating system platforms to:

- Modify selected basic input/output system (BIOS) CMOS settings without restarting the system to access F1 settings
- Modify selected baseboard management controller (BMC) setupsettings
- Modify a limited number of VPD settings
- Remote connectivity to support setting all the listed firmware types settings. Remote connection support requires accessing the XCC external port over a LAN

The OneCLI tool is available for download from the following website:

Nutanix Support Link

Please visit http://portal.nutanix.com for more detailed information about the software, as well as access to Knowledge Base articles.

Software-centric hardware replacement documentation is available at:
Chapter 5. Configuration procedures

Lenovo recommends the following UEFI settings for Lenovo ThinkAgile HX Series appliances.

The following procedure will configure the systems to the recommended levels:

1. Set UEFI to default settings:

   OneCli config loaddefault UEFI

2. Set the following values:

   OneCli config set BootModes.SystemBootMode "Legacy Mode"
   OneCli config set SystemRecovery.F1StartControl "Text Setup"
   OneCli config set OperatingModes.ChooseOperatingMode "Maximum Performance"

Notes:

1. The use of OneCLI above is for illustration purposes only. Configuring through F1 Setup at boot time works as well. Refer to the system documentation or OneCLI documentation for more information. Power on/reboot is necessary for the UEFI changes to take effect.

2. Refer to the following web page for the full list of ThinkAgile HX UEFI settings:


3. For VMWare clusters, it is possible that EVC (Enhanced vMotion Compatibility) could be affected by some UEFI settings. It might be necessary to change some settings, like MONITORMWAIT, from the recommended values below, to allow EVC to function as desired.

   For more information on VMWare's EVC, refer to this article:

   https://kb.vmware.com/s/article/1003212
Configure Boot Order

Use OneCLI to configure the boot order as follows:

1. CD/DVD Rom
2. Hard Disk 0
3. PXE Network

OneCli config set BootOrder.BootOrder="Legacy Only=CD/DVD Rom=Hard Disk 0=PXE Network"

Configure M.2 Mirroring

The M.2 adapter must be configured with a RAID 1 mirrored virtual drive to allow the Hypervisor to be installed for booting.

Use OneCLI to configure the M.2 adapter:

[m.2]
#RAID level. RAID level can only be 0 or 1.
raid_level=1
#vol_name.the name of vol.
vol_name=volume0
#Strip Size. Unit:KB. stripe size can only be 32k or 64k.
strip_size=64K
Update the appliance name

For the Lenovo ThinkAgile HX Series appliances, the VPD string is the same as the appliance name. When the VPD string is updated, the corresponding appliance name will also be updated. The appliance name should be updated after the system board is replaced.

To update the VPD string, you can run the OneCLI system tool by using the following command:

```bash
onecli config set SYSTEM_PROD_DATA.SysInfoProdIdentifier "ThinkAgile HX3720 Appliance"
onecli config set SYSTEM_PROD_DATA.SysInfoProdIdentifierEx "ThinkAgile HX3720 Appliance:" -- override
```

Table 7. Appliance name and the corresponding VPD string

<table>
<thead>
<tr>
<th>Appliance Name</th>
<th>VPD String</th>
</tr>
</thead>
<tbody>
<tr>
<td>ThinkAgile HX2720-E Appliance</td>
<td>ThinkAgile HX2720-E Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX3720 Appliance</td>
<td>ThinkAgile HX3720 Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX1320 Appliance</td>
<td>ThinkAgile HX1320 Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX2320-E Appliance</td>
<td>ThinkAgile HX2320-E Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX3320 Appliance</td>
<td>ThinkAgile HX3320 Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX1520-R Appliance</td>
<td>ThinkAgile HX1520-R Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX3520-G Appliance</td>
<td>ThinkAgile HX3520-G Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX5520 Appliance</td>
<td>ThinkAgile HX5520 Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX5520-C Appliance</td>
<td>ThinkAgile HX5520-C Appliance</td>
</tr>
<tr>
<td>ThinkAgile HX7520 Appliance</td>
<td>ThinkAgile HX7520 Appliance</td>
</tr>
</tbody>
</table>
Appendix A. Notices

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