

UCP CI Interoperability Matrix

UCP CI v4.0.02 Hardware

UCP CI (Release Version)	v4.0.02		
Release date	October 31st, 2020		
Major vSphere Release:	6.5U3EP21, Build 16901156	6.7U3 EP16, Build 16901156	7.0 GA, Build 15843807

Management and Compute Nodes : Components	Versions	Versions	Versions	Notes
BIOS	3817.H00	3817.H00	3817.H00	
BMC	4.66.06	4.66.06	4.66.06	
CPD	Rev10 / Rev11	Rev10 / Rev11	Rev10 / Rev11	
CPU Family	Skylake / Cascade Lake	Skylake / Cascade Lake	Skylake / Cascade Lake	

Compute Nodes : Components	Versions	Versions	Versions	Notes
BIOS	3817.H00	3817.H00	3817.H00	
BMC	4.66.06	4.66.06	4.66.06	
CPD	Rev10 / Rev11	Rev10 / Rev11	Rev10 / Rev11	
CPU Family	Skylake / Cascade Lake	Skylake / Cascade Lake	Skylake / Cascade Lake	

Compute Nodes : Components	Versions	Versions	Versions	Notes
BIOS	3817.H00	3817.H00	3817.H00	
BMC	4.66.06	4.66.06	4.66.06	
CPD	Rev10 / Rev11	Rev10 / Rev11	Rev10 / Rev11	
CPU Family	Skylake / Cascade Lake	Skylake / Cascade Lake	Skylake / Cascade Lake	

Compute Nodes : Components	Versions	Versions	Versions	Notes
BIOS	3817.H00	3817.H00	3817.H00	
BMC	4.66.06	4.66.06	4.66.06	
CPD	Rev11	Rev11	Rev11	
CPU Family	Skylake	Skylake / Cascade Lake	Skylake / Cascade Lake	

I/O Card Support for DS120/220/225/240

Components	Versions	Notes
<b>Network Cards (Options)</b>		
Intel X527-D44, 10GbE quad-port, OCP Mezz VID=8086, DVID=3743, SVID=1526, SSID=8a3f or 8a41	Firmware i40en Driver (ESX)	4.00 1.7.17
Intel X527-T4, 10GbE 7 quad-port, OCP Mezz VID=8086, DVID=3742, SVID=1526, SSID=8a3f	Firmware i40en Driver (ESX)	4.00 1.7.17
Intel XCV710-DA2, 10/25/40GbE dual-port, PCIe VID=8086, DVID=158b, SVID=8086, SSID=0002	Firmware i40en Driver (ESX)	6.8 1.7.17
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, OCP Mezz (except DS240) VID=15b3, DVID=1015, SVID=1526, SSID=8a15	Firmware mlx4_core Driver (ESX)	14.23.1020 N/A
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, LP-MD2 (PCIe) VID=15b3, DVID=1015, SVID=158b, SSID=0003	Firmware mlx4_core Driver (ESX)	14.23.1020 N/A
Mellanox ConnectX-5 Lx EN 100GbE dual-port QSFP28, PCIe x16 VID=15b3, DVID=1017, SVID=15b3, SSID=0007	Firmware mlx5_core Driver (ESX)	16.23.1020 N/A

Components	Versions	Notes
<b>HBA Controller</b>		
Emulex LPe32002 FC HBA VID=10df, DVID=ae300, SVID=10df, SSID=ae310	Firmware lpfc Driver (ESX)	12.0.193.13 12.0.193.14
Emulex LPe32002 FC HBA VID=10df, DVID=ae300, SVID=10df, SSID=ae310	Firmware lpfc Driver (ESX)	12.0.193.13 12.0.193.14
<b>RAID Controller</b>		
Broadcom SAS3156 2GB RAID Mezzanine (only for DS240) VID=1000, DVID=0014, SVID=1526, SSID=8b00	Firmware lsi-mr3 Driver (ESX)	5.040.00-1123 7.07.11.0
Broadcom 9460-16i VID=1000, DVID=0014, SVID=1000, SSID=9460	Firmware lsi-mr3 Driver (ESX)	5.070.00-1615 7.07.11.0
<b>SAS Controller</b>		
QS-3216 Mezz Card VID=1000, DVID=0049, SVID=1526, SSID=8a12	Firmware lsi-msgpt3 Driver (ESX)	1A14.115.00.00.001 (20190530) 16.00.00.00-10EM
Broadcom SAS9305-16i PCIe (only for DS225) VID=1000, DVID=004c, SVID=1000, SSID=9305	Firmware lsi-msgpt3 Driver (ESX)	1A14.115.00.00.001 (20190530) 16.00.00.00-10EM

Components	Versions	Notes
<b>Drives for vSAN Cache and Capacity (Options) for DS120/220/225/240</b>		
Intel SSD DC P3600 Series (NVMe, 2.5" U2) (All except DS225)	Firmware 80V101HD	80V101HD
Intel SSD DC P4500 Series (NVMe, 2.5" U2) (All except DS225)	Firmware QDV101D1	QDV101D1
Intel SSD DC P4510 Series (NVMe, 2.5" U2) (All except DS225)	Firmware VDV10131	VDV10170
Intel SSD DC P4600 Series (NVMe, 2.5" U2) (All except DS225)	Firmware QDV101D3	QDV101D3
Intel SSD DC P4610 Series (NVMe, 2.5" U2) (All except DS225)	Firmware VDV10140	VDV10170
Intel Optane SSD DC P4800X Series (NVMe, 375GB, 2.5" U2) (All except DS225)	Firmware E2010435	E2010475
Intel Optane SSD DC P4800X Series (NVMe, 750GB, 2.5" U2) (All except DS225)	Firmware E2010435	E2010475
<b>NVMe Driver</b>	Driver (ESX)	
Intel SSD DC S4500 Series	intel-nvme-vmd 1.8.1.1001 (Async driver)	VMWare Inbox - nvme-pcie 1.2.2.13
Intel SSD DC S4510 Series	Min = SCV10100 / Recommended = SCV10150	Min = SCV10121 / Recommended = SCV10150
Intel SSD DC S4600 Series	Min = SCV10121 / Recommended = SCV10150	Min = SCV10121 / Recommended = SCV10150
Intel SSD DC S4610 Series	Min = XCV10100 / Recommended = XCV10132	Min = XCV10100 / Recommended = XCV10132
Samsung SATA SSD PM803A Series	Firmware GXT52040 - or higher	GXT52040 - or higher
Samsung SATA SSD PM883 Series	Firmware HX173040 - or higher	HX173040 - or higher
Seagate SAS11 HDD 10000 rpm, 2.5 inch	Firmware E004 - or higher	E004 - or higher
Seagate SAS11 HDD 7200 rpm, 3.5 inch (only for DS220 3.5 SKU)	Firmware E002 - or higher	E002 - or higher
Intel SSD S4510 Series (240 GB, M.2 2280)	Firmware	Only for DS240 Boot Device

Components	Versions	Notes
<b>Drives for vSAN Cache and Capacity (Options) for DS120/220</b>		
Intel® Optane™ DC 128 GB Persistent Memory Module (NMA1XXD128GP)	Firmware 1.2.0.5375	1.2.0.5375
Intel® Optane™ DC 256 GB Persistent Memory Module (NMA1XXD256GP)	Firmware 1.2.0.5375	1.2.0.5375
Intel® Optane™ DC 512 GB Persistent Memory Module (NMA1XXD512GP)	Firmware 1.2.0.5375	1.2.0.5375

Components	Versions	Notes
<b>GPU for DS225</b>		
NVIDIA Tesla M10	Nvidia Virtual GPU Software for vSphere	
NVIDIA Tesla M60	Nvidia Virtual GPU Software for vSphere	
NVIDIA Tesla P40	Nvidia Virtual GPU Software for vSphere	
NVIDIA Tesla V100	Nvidia Virtual GPU Software for vSphere	
NVIDIA Tesla T4	Nvidia Virtual GPU Software for vSphere	

FC Switches

Vendor	Models	Firmware Versions	Notes
Brocade	G620	vB-44-8.2.1c or 8.2.1e	vB-44-8.2.1c or 8.2.1e

Ethernet Switches

Vendor	Models	Firmware Versions	Notes
Quantar	100 Mgmt Switch	N/A	
Arista	DCS-7010T-48-R	4.22.4M	4.22.4M
Arista	DCS-7050CX3-32S-R	4.22.4M	4.22.4M
Arista	DCS-7050CX3-48YCB-R	4.22.4M	4.22.4M
Cisco	Nexus 3048	N/A - No longer used in UCP CI v4.0 and above	N/A - No longer used in UCP CI v4.0 and above
Cisco	Nexus 93180C-EX	N/A - No longer used in UCP CI v4.0 and above	N/A - No longer used in UCP CI v4.0 and above
Cisco	Nexus 93180Y-EX	N/A - No longer used in UCP CI v4.0 and above	N/A - No longer used in UCP CI v4.0 and above
Cisco	Nexus 9332PQ	N/A	N/A
Cisco	Nexus 92248GC (1 G Mgmt)	NXOS 9.3.3	NXOS 9.3.3
Cisco	Nexus 93180YC-EX (10/25G Leaf)	NXOS 9.3.3	NXOS 9.3.3
Cisco	Nexus 9332C (100G Spine)	NXOS 9.3.3	NXOS 9.3.3

Storage Models				
	Models	Recommended GA		Notes
VSP	G200	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	G400	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	G600	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	G800	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	F400	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	F600	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	F800	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133	RG4 = 83-05-37-x0/00-M133
VSP	G150	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	G370	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	G700	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	G900	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	F350	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	F370	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	F700	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	F900	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074	RG4 = 88-06-02-x0/10-M074
VSP	G1000, VSP G1500, VSP F1500	RG4 = 80-06-80-00/02-A4209	RG4 = 80-06-80-00/02-A4209	RG4 = 80-06-80-00/02-A4209
VSP	F950	RG4 = 93-02-03-00/01-M009	RG4 = 93-02-03-00/01-M009	RG4 = 93-02-03-00/01-M009
VSP	S100, S500, S100H, S500H	RG4 = 90-04-04-00/10-M037	RG4 = 90-04-04-00/10-M037	RG4 = 90-04-04-00/10-M037

\* Minimum Level or above

Software				
Software Versions				
Vendor	Component	Versions		Notes
VMware	ESXi	6.5U3 EP21 (Build # 86901156)	6.7U3 EP16 (Build # 16773714)	7.0GA (Build# 15843807)
VMware	vCenter(VCSA)	6.5U3L (Build # 16764584)	6.7U3L (Build # 16708996)	7.0GA (Build# 15952498)
VMware	vSAN	6.6.1	6.7	7.0
Hitachi	UCP Advisor	3.5.1 or higher	3.8 or higher	3.8 or higher
Downloadable ZIPs				
Vendor	Component	Filename		Notes
Hitachi	Arista Network Firmware ZIP	Arista_Firmware_20200803.zip	Arista_Firmware_20200803.zip	Arista_Firmware_20200803.zip
Hitachi	Cisco Network Firmware ZIP	Cisco_Firmware_20200803.zip	Cisco_Firmware_20200803.zip	Cisco_Firmware_20200803.zip
Hitachi	Storage Network Firmware ZIP	Brocade_Firmware_20200803.zip	Brocade_Firmware_20200803.zip	Brocade_Firmware_20200803.zip
Hitachi	Server Firmware ZIP	Server_Firmware_20201031.zip	Server_Firmware_20201031.zip	Server_Firmware_20201031.zip
Hitachi	VMware Software ZIP	vSphere6.5U3-EP21_20201031.zip	vSphere6.7U3-EP16_20201031.zip	vSphere7.0GA_20200803.zip
Hitachi	UCPtoolkit ZIP	UCPtoolkit_20201031.zip	UCPtoolkit_20201031.zip	UCPtoolkit_20201031.zip
Main MediaKit ZIP				
Vendor	Component	Filename		Notes
Hitachi	UCP CI MediaKit	UCPCI_MEDIAKIT_V4.0_20201031.zip	UCPCI_MEDIAKIT_V4.0_20201031.zip	UCPCI_MEDIAKIT_V4.0_20201031.zip

Note: An explanation to the logic of how Firmware versions are decided on for the various I/O cards. Solution Engineering uses the VMware Compatibility Guide for supported versions and combinations.

Step 1 - For a given vSphere version, we check the driver/vib that is used for each I/O Adapter

Step 2 - For I/O cards that use the same driver (i.e. all Mellanox cards use nmlx5\_core Driver) we identify the version that is common across all adapters

Step 3\* - For Each I/O card, using the common driver/vib version, we identify the supported firmware version for that driver/vib.

\*This will sometimes result in selecting older versions of firmware for a given I/O adapter.





**UCP CI Interoperability Matrix**

**UCP CI**

**v1.0.1 - 1.5.0**

**Hardware**

UCP CI (Release Version)	Major vSphere Release:				
	Release date	v1.0.1 September 7th, 2017 6.5U1	v1.1 February 5th, 2018 6.5U1	v1.1.1 April 9th, 2018 6.5U1	v1.5.0 June 4th, 2018 6.5U2
<b>Management and Compute Nodes :</b>	<b>Hitachi Advanced Server DS120</b>				
<b>Components</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Notes</b>
BIOS	3A0B.H3	3A0B.H2	3A10.H3	3A10.H3	
BMC	3.16.06	3.16.06	3.16.06	3.16.06	
CPLD	RevD	RevD	RevD	RevD	
<b>CPU Family</b>	<b>Styake</b>	<b>Styake</b>	<b>Styake</b>	<b>Styake</b>	
<b>Compute Nodes :</b>	<b>Hitachi Advanced Server DS220</b>				
<b>Components</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Notes</b>
BIOS	N/A	N/A	N/A	N/A	
BMC	N/A	N/A	N/A	N/A	
CPLD	N/A	N/A	N/A	N/A	
<b>CPU Family</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	
<b>Compute Nodes :</b>	<b>Hitachi Advanced Server DS240</b>				
<b>Components</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Notes</b>
BIOS	N/A	N/A	N/A	N/A	
BMC	N/A	N/A	N/A	N/A	
CPLD	N/A	N/A	N/A	N/A	
<b>CPU Family</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	

**I/O Card Support for DS120/220/225/240**

Components	Versions	Versions	Versions	Versions	Notes	
<b>Network Cards (Options)</b>						
Intel X520-D4, 10GbE quad-port, OCP Mezz	Firmware i40m Driver (ESX)	3.2d 1.3.1 (inbox driver)	3.2d 1.3.1 (inbox driver)	3.2d 1.3.6	3.2d 1.3.6	Listed on VMware HCL as: "Intel® Ethernet Connection X722 for 10GbE SFP"
Intel X557-T4, 10GbE quad-port, OCP Mezz	Firmware i40m Driver (ESX)	3.2d 1.3.1 (inbox driver)	3.2d 1.3.1 (inbox driver)	3.2d 1.3.6	3.2d 1.3.6	Listed on VMware HCL as: "Intel® Ethernet Connection X722 for 10GbE SFP"
Intel X7710-D42, 10/25/40GbE dual-port, PCIe	Firmware i40m Driver (ESX)	N/A	N/A	N/A	N/A	
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, OCP Mezz (except DS240)	Firmware mlx4 core Driver (ESX)	14.18.1000 3.16.0.0-1 (inbox driver)	14.18.1000 N/A	14.20.1010 N/A	14.20.1010 N/A	Listed on VMware HCL as: "ON 25GbE ConnectX-4 Lx EN Dual port"
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, LP-MD2 (PCIe)	Firmware mlx4 core Driver (ESX)	14.18.1000 3.16.0.0-1 (inbox driver)	14.18.1000 N/A	14.20.1010 N/A	14.20.1010 N/A	Listed on VMware HCL as: "ConnectX-4 Lx EN NIC; 25GbE; dual-port SFP28; (MCK212A-CCAT)"
Mellanox ConnectX-5 Lx EN 100GbE dual-port QSFP28, PCIe x16	Firmware mlx5 core Driver (ESX)	N/A 4.16.8.8	N/A 4.16.8.8	N/A 4.16.10.3	N/A 4.16.10.3	Listed on VMware HCL as: "ConnectX-5 Ex EN network interface card, 100GbE dual-port QSFP28 (MCK516A-CCAT)"
<b>HBA Controller</b>						
Emulex LPe31002 FC HBA	Firmware lpfc Driver (ESX)	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	
Emulex LPe32002 FC HBA	Firmware lpfc Driver (ESX)	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	11.2.156.27 11.2.266.0	
<b>RAID Controller</b>						
Broadcom SAS3516 3GB RAID Mezzanine (only for DS240)	Firmware lsi-mr3 Driver (ESX)	N/A	N/A	N/A	N/A	Only for DS240
<b>SAS Controller</b>						
Q5-3216 Mezz Card	Firmware lsi-msmp3 Driver (ESX)	N/A	N/A	N/A	N/A	Only for DS120 and DS220
Broadcom SA9305-16i PCIe (only for DS225)	Firmware lsi-msmp3 Driver (ESX)	N/A	N/A	N/A	N/A	Only for DS225

**Drives for vSAN Cache and Capacity (Options) for DS120/220/225**

Components	Versions	Versions	Versions	Versions	Notes
Intel SSD DC P3600 Series (NVMe, 2.5" L2) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel SSD DC P4200 Series (NVMe, 2.5" L2) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel SSD DC P4510 Series (NVMe, 2.5" L2) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel SSD DC P4600 Series (NVMe, 2.5" L2) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel SSD DC P4610 Series (NVMe, 2.5" L2) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel Optane SSD DC P4800X Series (NVMe, 3.5" 2U) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
Intel Optane SSD DC P4800X Series (NVMe, 3.5" 2U) (All except DS225)	Firmware	N/A	N/A	N/A	Not compatible with DS225
<b>NVMe Driver</b>	Driver (ESX)	N/A	N/A	N/A	N/A
Intel SSD DC S4500 Series	Firmware	N/A	N/A	N/A	Requires SAS Controller
Intel SSD DC S4610 Series	Firmware	N/A	N/A	N/A	Requires SAS Controller
Intel SSD DC S4600 Series	Firmware	N/A	N/A	N/A	Requires SAS Controller
Intel SSD DC S4610 Series	Firmware	N/A	N/A	N/A	Requires SAS Controller
Samsung SATA SSD PM863A Series	Firmware	N/A	N/A	N/A	Requires SAS Controller
Seagate SAS III HDD 10000 rpm, 2.5 inch	Firmware	N/A	N/A	N/A	Requires SAS Controller
Seagate SAS III HDD 7200 rpm, 3.5 inch (only for DS220 & 5 SKU)	Firmware	N/A	N/A	N/A	Requires SAS Controller

**GPU For DS225**

Components	Versions	Versions	Versions	Versions	Notes
NVIDIA Tesla M10	Nvidia Virtual GPU Software for vSphere	N/A	N/A	N/A	N/A
NVIDIA Tesla M60	Nvidia Virtual GPU Software for vSphere	N/A	N/A	N/A	N/A
NVIDIA Tesla P40	Nvidia Virtual GPU Software for vSphere	N/A	N/A	N/A	N/A
NVIDIA Tesla V100	Nvidia Virtual GPU Software for vSphere	N/A	N/A	N/A	N/A

**FC Switches**

Vendor	Models	Firmware Versions	Firmware Versions	Firmware Versions	Firmware Versions	Notes
Brocade	6630	v8.1.0b	v8.1.0b	v8.1.0b	v8.1.0b	

**Ethernet Switches**

Vendor	Models	Firmware Versions	Firmware Versions	Firmware Versions	Firmware Versions	Notes
Quanta	1000 Mega Switch	N/A	N/A	N/A	N/A	
Cisco	Nexus 3048	7.0(3)1446	7.0(3)1446	7.0(3)1446	7.0(3)1446	
Cisco	Nexus 93180LC-EX	7.0(3)1711	7.0(3)1711	7.0(3)1711	7.0(3)1711	
Cisco	Nexus 93180YC-EX	7.0(3)1446	7.0(3)1446	7.0(3)1446	7.0(3)1446	
Cisco	Nexus 9332PQ	N/A	N/A	N/A	N/A	

**Storage Models**

Models	Microcode Versions	Microcode Versions	Microcode Versions	Microcode Versions	Notes
VSP	6200	83-04-26-20/00	83-04-26-20/00	83-04-26-20/00	
VSP	6400	83-04-26-40/00	83-04-26-40/00	83-04-26-40/00	
VSP	6500	83-04-26-40/00	83-04-26-40/00	83-04-26-40/00	
VSP	6800	83-04-26-60/00	83-04-26-60/00	83-04-26-60/00	
VSP	6900	83-04-26-40/00	83-04-26-40/00	83-04-26-40/00	
VSP	6600	83-04-26-40/00	83-04-26-40/00	83-04-26-40/00	
VSP	6800	83-04-26-60/00	83-04-26-60/00	83-04-26-60/00	
VSP	6130	N/A	N/A	N/A	88-01-04-00/00
VSP	6170	N/A	N/A	N/A	88-01-04-00/00
VSP	6200	N/A	N/A	N/A	88-01-04-00/00
VSP	6500	N/A	N/A	N/A	88-01-04-00/00
VSP	6350	N/A	N/A	N/A	88-01-04-00/00
VSP	6370	N/A	N/A	N/A	88-01-04-00/00
VSP	6700	N/A	N/A	N/A	88-01-04-00/00
VSP	6900	N/A	N/A	N/A	88-01-04-00/00

\* Minimum Level or above

**Software**

Software Versions	Component	Versions	Versions	Versions	Versions	Notes
VMware	ESXi	6.5U1 (Build # 5569303)	6.5U1 (Build # 6765664)	6.5U2 (Build # 7388607)	6.5U2 (Build # 8294253)	
VMware	vCenter/VCSA	6.5U1 (Build # 5973321)	6.5U1 (Build # 5973321)	6.5U2 (Build # 7515524)	6.5U2 (Build # 8307201)	
VMware	UCSN	N/A	N/A	N/A	N/A	
Hitachi	UCP Advisor	2.0	2.5	2.5	2.5	* Requires at least VCSA 6.5U2c
<b>Downloadable ZIPs</b>						
Hitachi	Ethernet Network Firmware ZIP	N/A	N/A	N/A	N/A	
Hitachi	Storage Network Firmware ZIP	N/A	N/A	N/A	N/A	
Hitachi	Server Firmware ZIP	N/A	N/A	N/A	N/A	
Hitachi	VMware Software ZIP	N/A	N/A	N/A	N/A	
Hitachi	UCP/Toolbox ZIP	N/A	N/A	N/A	N/A	
<b>Main Mediatek ZIP</b>						
Hitachi	UCP CI Mediatek	N/A	N/A	N/A	N/A	