

Hitachi Unified Compute Platform RS for VMware

UCP RS V120 Series					
Hardware					
Compute Nodes : UCP RS Ready Nodes Support (*)		Hitachi Advanced Server DS120			
Release date		V120F March 6, 2018	V120F/V121F April 10, 2018	V120F/V121F/120 June 1, 2018	Notes
Components					
BIOS		3.2d	3.2d	3.2d	
Mezz		40en (version 1.3.1 inbox driver)	40en (version 1.3.1 inbox driver)	40en (version 1.5.6 Async driver)	Listed on VMware HCL as: "Intel(R) Ethernet Connection X722 for 10GbE SFP"
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, OCP Mezz	Firmware	N/A	N/A	14.20.1010	
	Boot (PXE) ROM	N/A	N/A	3.5.0305	Listed on VMware HCL as: "ON 25GbE ConnectX-4 Lx EN Dual port"
	UEFI ROM	N/A	N/A	14.12.0024	
	nmlx5_core driver (ESXi)	N/A	N/A	3.16.0-1 (Inbox driver)	Fw 14.21.1000 supported with driver 4.16.12.12 Async driver
	nmlx5_core driver (ESXi)	N/A	N/A	4.16.10.3 (Async driver)	Listed on VMware HCL as: "ConnectX-4 Lx EN NIC, 25GbE, dual-port SFP28; (MCK4121A-AC4)"
Mellanox ConnectX-4 Lx EN 10/25GbE dual-port SFP28, LP-MD2 (PCIe)	Firmware	N/A	N/A	14.20.1010	
	Boot (PXE) ROM	N/A	N/A	3.5.0305	
	UEFI ROM	N/A	N/A	14.12.0024	
	nmlx4_core driver (ESXi)	N/A	N/A	3.16.0-1 (Inbox driver)	
	nmlx5_core driver (ESXi)	N/A	N/A	4.16.10.3 (Async driver)	Fw 14.21.1000 supported with driver 4.16.12.12 Async driver
I/O Controller					
QS-3216 Mezz Card	Firmware	1A14 (15.00.00.00)	1A14 (15.00.00.00)	1A14 (15.00.00.00)	
	Driver (ESXi)	lsi-msgpt3-16.00.00.00-10EM.650.0.0.4598673 (Asyn driver)	lsi-msgpt3-16.00.00.00-10EM.650.0.0.4598673 (Asyn driver)	lsi-msgpt3-16.00.00.00-10EM.650.0.0.4598673 (Async driver)	Listed on VMware HCL as: "QS-3216"
Drives for vSAN Cache and Capacity (Options)					
Intel SSD DC P3600 Series (NVMe)	Firmware	8DV10171	8DV10171	8DV10171	
	Driver (ESXi)	nvme-1.2.0.27-4vmw	nvme-1.2.0.27-4vmw	nvme-1.2.0.32-5vmw.650.1.36.7388607 (Inbox driver)	
Intel SSD DC P4600 Series (NVMe)	Firmware	N/A	N/A	QDV101B1, QDV101D0	
	Driver (ESXi)	N/A	N/A	nvme-1.2.0.32-5vmw.650.1.36.7388607 (Inbox driver)	
Intel Optane SSD DC P4800X Series NVMe (375 GB, 2.5" U2)	Firmware	N/A	N/A	N/A	
	Driver (ESXi)	N/A	N/A	N/A	
Intel Optane SSD DC P4800X Series NVMe (750 GB, 2.5" U2)	Firmware	N/A	N/A	N/A	
	Driver (ESXi)	N/A	N/A	N/A	
Intel SSD DC S4600 Series	Firmware	N/A	SCV10111	SCV10121	
Intel SSD DC S4500 Series	Firmware	N/A	SCV10111	SCV10121	
Samsung SATA SSD PM863a Series	Firmware	GXT5204Q	GXT5204Q	GXT5204Q	
Seagate SAS 10k rpm 2.5"	Firmware	N/A	N/A	E004	
Switches					
Quanta T1048 L89 Mgmt Switch	Cumulus Linux	2.5.8	2.5.12	2.5.12	
Cisco 93180YC ToR Switch	NX-OS	7.0.(3)7(1)	7.0.(3)7(1)	7.0.(3)7(1)	
Cisco 9332PQ Spine Switch	NX-OS	7.0.(3)7(1)	7.0.(3)7(1)	7.0.(3)7(1)	
Software					
Vendor	Component	Versions	Versions	Versions	Notes
VMware	Cloud Foundation	2.3.0	2.3.1	2.3.2 (Build#8318074)	
	SDOC Manager	2.3.0-7524634	2.3.0-7524634	2.3.2 (Build#8317783)	
	VIA	2.3 (Build#7525042)	2.3 (Build#7897130)	2.3.2 (Build#8408982)	
	NSX	6.3.5-7119875	6.3.5-7119875	6.3.5-7119875	
	ESXi	6.5U1 (Build#7388607)	6.5U1 (Build#7388607)	6.5U1 (Build # 7967591)	
	vCenter (VCSA)	6.5U1 (Build#7515524)	6.5U1 (Build#7515524)	6.5U1g/EP6 (Build#8024368)	
	vSAN	6.6.1	6.6.1	6.6.1 (Build#7547709)	
New features/improvements			Added support for : - V121F and new ESXi patch	Added support for : - New VMware Cloud Foundation versions	
(*) UCP RS V120 Series - vSAN Ready Node Models					
UCP RS V120 Hybrid:	SATA SSD and SAS HDD for Capacity				
UCP RS V120F All-Flash:	NVMe for Cache and SATA SSD for Capacity				
UCP RS V121F All-Flash:	SATA SSD for Cache and SATA SSD for Capacity				