

Oracle UCP CI Composable and XaaS Interoperability Matrix

Hardware				
UCP CI (Release Version)		v5		v6
Release date		November, 2017		July, 2018
Management Nodes :				
		Hitachi Advanced Server DS120		
Components		Versions	Versions	Notes
BIOS		3A08.H2	3A10.H3	
BMC		3.16.06	3.75.06	
CPLD		Rev09	Rev10	
CPU Family		Skylake		
Compute Nodes :				
		Hitachi Advanced Server DS220		
Components		Versions	Versions	Notes
BIOS		3A08.H2	3A10.H3	
BMC		3.16.06	3.75.06	
CPLD		Rev09	Rev10	
CPU Family		Skylake		
Compute Nodes :				
		Hitachi Advanced Server DS240		
Components		Versions	Versions	Notes
BIOS		N/A	3A01.H3	
BMC		N/A	3.88.06	
CMC		N/A	N/A	
CPLD		N/A	N/A	
CPU Family		N/A		
CPU Family		Skylake		
I/O Card Support for DS120/220/240				
Components		Versions	Versions	Notes
Network Cards (Options)				
Management Nodes DS120		Firmware	5.51	5.51
Intel XXV710-DA2, 25GbE dual-port, PCIe		i40en Driver (ESXI)	1.3.1 (inbox driver)	1.3.1 (inbox driver)
Compute Nodes DS220		Firmware	5.51	5.51
Intel XXV710-DA2, 25GbE dual-port, PCIe		i40e Driver (OVS)	1.6.21-k	1.6.21-k
		i40e Driver (OL)	N/A	2.1.26
		i40e Driver (RHEL)	1.6.21-k	2.1.26
Compute Nodes DS240		Firmware	N/A	5.51
Intel XXV710-DA2, 25GbE dual-port, PCIe		i40e Driver (OVS)	N/A	1.6.21-k
		i40e Driver (RHEL)	N/A	2.1.14-k
HBA Controller				
Emulex LPe31002 FC HBA - DS120 Management Nodes		Firmware	11.2.156.27	11.2.156.27
		lpfc Driver (ESXI)	11.1.0.6	11.1.0.6
Emulex LPe31002 or LPe32002 FC HBA - DS220 Compute Nodes		Firmware	11.2.156.27	11.2.156.27
		lpfc Driver (OVS)	11.2.0.5	11.2.0.5
		lpfc Driver (OL)	N/A	11.2.0.5
		lpfc Driver (RHEL)	11.2.0.6	11.2.0.6
Emulex Lpe31002 or LPe32002 FC HBA - DS240 Compute Nodes		Firmware	N/A	11.4.204.25
		lpfc Driver (OVS)	N/A	11.2.0.5
		lpfc Driver (RHEL)	N/A	11.4.204.26
RAID Controller				
Broadcom SAS316 2GB RAID Mezzanine		Firmware	5.020.00-0910	5.020.00-0910
		Driver	N/A	OS3516 supported but not tested
FC Switches				
Vendor	Models	Firmware Versions	Firmware Versions	Notes
Brocade	G620	v8.0.1	v8.0.1	
Ethernet Switches				
Vendor	Models	Firmware Versions	Firmware Versions	Notes
Cisco	Nexus 3048	7.0(3)14(7)	7.0(3)14(7)	
	Nexus 93180YC-EX	7.0(3)14(7)	7.0(3)14(7)	
Storage Models				
	Models	Minimum Microcode Versions	Minimum Microcode Versions	Notes
VSP	G200	83-04-47	83-04-47	
	G400	83-04-47	83-04-47	
	G600	83-04-47	83-04-47	
	G800	83-04-47	83-04-47	
	F400	83-04-47	83-04-47	
	F600	83-04-47	83-04-47	
	F800	83-04-47	83-04-47	
	G350	N/A	88-01-03	
	G370	N/A	88-01-03	
	G700	N/A	88-01-03	
	G900	N/A	88-01-03	
	F350	N/A	88-01-03	
	F370	N/A	88-01-03	
	F700	N/A	88-01-03	
	F900	N/A	88-01-03	
	G1500	N/A	TBD	Testing underway at the time this matrix published
	F1500	N/A	TBD	Testing underway at the time this matrix published
Software				
Vendor	Component	Versions	Versions	Notes
VMware	ESXi	6.5.0 Build 4887370	6.5.0 Build 6765664	
	vCenter (VCSA)	6.5.0 Build 4887370	6.5.0 Build 7515524	
Red Hat	RHEL	7.4	7.4	
Oracle for XaaS	Oracle VM Server	3.4.4	3.4.4	
	Oracle VM Manager	3.4.4	3.4.4	
	OS on VMs	Any supported by Oracle	Any supported by Oracle	
Oracle	Oracle 12c	12c Release 1 (12.1.0.2.0)	12c Release 1 (12.1.0.2.0)	
	Oracle Real Application	12c Release 1 (12.1.0.2.0)	12c Release 1 (12.1.0.2.0)	
	Oracle Grid Infrastructure	12c Release 1 (12.1.0.2.0)	12c Release 1 (12.1.0.2.0)	
Hitachi Command Suite		8.5.2	8.5.2	
Hitachi Automation Director (HAD)		8.5.2-03	8.5.2-03	
Hitachi Storage Advisor (HSA)		2.1.0	2.3	
Hitachi Infrastructure Analytics Advisor (HIAA)		2.1	3.3	
Hitachi Data Center Analytics (HDCA) Server		8.1	8.1	
Hitachi Data Center Analytics Probe Server		8.1	8.1	
Manager for Hitachi adapters for Oracle Database		2.0.0	2.2.0	
Hitachi Storage Adapter for Oracle Enterprise Manager		2.0.0	2.2.0	
Hitachi Server Adapter for Oracle Enterprise Manager		2.0.0	2.2.0	
Oracle Enterprise Manager Cloud Control 13c		13c Release 2 (13.2.0.0)	13c Release 2 (13.2.0.0)	
Oracle Enterprise Manager Cloud Control 13c plug-ins		13c Release 2	13c Release 2	