

### Oracle UCP CI EDW Offload Interoperability Matrix

Hardware					
EDW (Release Version) Release date		v5 February, 2018	v6 July, 2018	v7 June, 2019	v8 August, 2019
<b>Management Nodes :</b>					
		<b>Hitachi Advanced Server DS120</b>			
<b>Components</b>		<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>
BIOS		3A08.H2	3A10.H3	3A10.H8	55BH3B14.H01
BMC		3.16.06	3.75.06	4.23.06	4.62.06
CPLD		Rev09	Rev10	Rev10	Rev11
<b>CPU Family</b>		<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>
<b>Compute Nodes : MongoDB</b>					
		<b>Hitachi Advanced Server DS120</b>			
<b>Components</b>		<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>
BIOS		3A08.H2	3A10.H3	3A10.H8	55BH3B14.H01
BMC		3.16.06	3.75.06	4.23.06	4.62.06
CPLD		Rev09	Rev10	Rev10	Rev11
<b>CPU Family</b>		<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>
<b>Compute Nodes : Pentaho</b>					
		<b>Hitachi Advanced Server DS120</b>			
<b>Components</b>		<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>
BIOS		3A08.H2	3A10.H3	3A10.H8	55BH3B14.H01
BMC		3.16.06	3.75.06	4.23.06	4.62.06
CPLD		Rev09	Rev10	Rev10	Rev11
<b>CPU Family</b>		<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>	<b>Skylake</b>
<b>I/O Card Support for DS120</b>					
<b>Components</b>		<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>
<b>Network Cards (Options)</b>					
Management Nodes DS120	Firmware	5.51	5.51	5.51	6.128(6.80)
Intel XXV710-DA2, 25GbE dual-port, PCIe	i40en Driver (ESX)	1.3.1 (inbox driver)	1.3.1 (inbox driver)	1.3.1 (inbox driver)	2.3.2-k
Compute Nodes DS120 - MongoDB	Firmware	5.51	5.51	5.51	6.128(6.80)
Intel XXV710-DA2, 25GbE dual-port, PCIe	i40e Driver (OVS)	1.6.21-k	1.6.21-k	1.6.21-k	2.7.29
	i40e Driver (DL)	N/A	2.1.26	2.1.26	2.3.2-k
	i40e Driver (RHEL)	1.6.21-k	2.1.26	2.1.26	2.3.2-k
Compute Nodes DS120 - Pentaho	Firmware	N/A	5.51	5.51	6.128(6.80)
Intel XXV710-DA2, 25GbE dual-port, PCIe	i40e Driver (OVS)	N/A	1.6.21-k	1.6.21-k	2.7.29
<b>RAID Controller</b>					
Broadcom SAS3516 2GB RAID Mezzanine	Firmware	5.020.00-0910	5.020.00-0910	5.020.00-0910	5.040.00-1123
	Driver	N/A	N/A	N/A	N/A
<b>Ethernet Switches</b>					
<b>Vendor</b>	<b>Models</b>	<b>Firmware Versions</b>	<b>Firmware Versions</b>	<b>Firmware Versions</b>	<b>Firmware Versions</b>
Cisco	Nexus 3048 Nexus 9318BYC-EX	7.0(3)14(7) 7.0(3)14(7)	7.0(3)14(7) 7.0(3)14(7)	7.0(3)14(7) 7.0(3)14(7)	7.0(3)14(7) 7.0(3)14(7)
<b>Software</b>					
<b>Vendor</b>	<b>Component</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>	<b>Versions</b>
VMware	ESX	6.5.0 Build 4887370	6.5.0 Build 6765664	6.7.0 Build 10302608	6.7.0 Build 10302608
	vCenter (VCSA)	6.5.0 Build 4887370	6.5.0 Build 7515524	6.7.0 Build 10244745	6.7.0 Build 10244745
MongoDB	NoSQL database	3.2.17	3.2.17	3.6.40	4.2
Hadoop	Cloudera/MapR Distribution	5.13 (cloudera)	6.0.0 (MapR)	6.0.0 (MapR)	6.0.0 (MapR)
Pentaho		7.1	8	8.1	8.3
Red Hat	RHEL	7.4	7.4	7.6	7.6
Oracle	Oracle12c	12cRelease 1 (12.1.0.2.0)	12cRelease 1 (12.1.0.2.0)	12cRelease 1 (12.1.0.2.0)	12cRelease 1 (12.1.0.2.0)
Hitachi Command Suite		8.5.2	8.5.2	8.5.2	8.5.2
Hitachi Automation Director (HAD)		8.5.2-03	8.5.2-03	8.5.2-03	8.5.2-03
Hitachi Storage Advisor (HSA)		2.1.0	2.3	2.3	2.3
Hitachi Infrastructure Analytics Advisor (HIAA)		2.1	3.3	3.3	3.3
Hitachi Data Center Analytics (HDCA) Server		8.1	8.1	8.1	8.1
Hitachi Data Center Analytics Probe Server		8.1	8.1	8.1	8.1
Manager for Hitachi adapters for Oracle Database		2.0.0	2.2.0	2.2.0	2.2.0
Hitachi Storage Adapter for Oracle Enterprise Manager		2.0.0	2.2.0	2.2.0	2.2.0
Hitachi Server Adapter for Oracle Enterprise Manager		2.0.0	2.2.0	2.2.0	2.2.0
Oracle Enterprise Manager Cloud Control 13c		13c Release 2 (13.2.0.0)	13c Release 2 (13.2.0.0)	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	13c Release 2	13c Release 2