

Dell Oracle Validated Configurations (OVCs) with Oracle Database 11gR2

Dell and Oracle Reference Architectures

Pre-tested and validated Oracle Validated Configurations (OVCs) comprising of Dell PowerEdge Servers, Dell Storage, Dell Networking, Oracle Linux, Oracle VM and Oracle Database 11gR2

Dell and Oracle - Joint Infrastructure Solutions
January 2015



ORACLE

Revisions

Date	Description
January 2015	Added OVC FC630+ OVM 3.3.1 +Compellent SC4020
September 2014	Added OVC R730xd +OVM 3.3.1 +Compellent SC4020 (R730,R630 and T630)
June 2014	Added two new OVCs: R920 + R720 + Oracle VM 3.2.8
March 2014	Initial release

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Executive Summary

This document lists all the Dell Oracle Validated Configurations (OVCs) that are currently available for Oracle Database 11g Release 2 from Dell. Dell OVCs are certified using the [Oracle Validated Configurations Program](#). OVCs provide easier, faster, and lower-cost deployment of Oracle Linux (OL) and Oracle VM (OVM) based Oracle Database solutions for customers. The program offers pre-tested, validated reference architectures - including software, hardware, storage, and network components - along with documented best practices that are certified by Oracle and published at Oracle website.

For each of the OVCs, this document also provides:

- Hardware details of all the components directly tested with
- Expanded list of compatible hardware
- Software details of all the components directly tested with
- Solution ID - for Dell Sales to quickly generate a quote or Bill of Materials
- A published link to Oracle's website that lists all the hardware and software details, including the configuration settings



1 Oracle Linux (OL) 6 running Unbreakable Enterprise Kernel

1.1 Dell PowerEdge Rack Servers

1.1.1 R720 (R620/R720xd/T620) + OL6.4 (Release Date - 09/17/2013) [Solution ID: 4086701v1]

The matrix below lists the hardware components this OVC was tested with:

	Hardware
	Database Server
Dell PowerEdge Servers	R720
Processors	2 x Intel Xeon E5-2690 2.9GHz 8C
Memory	128GB (8 x 16GB 1600MHz DDR3 DIMMs)
RAID Controllers	PERC: H710
Ethernet Interfaces	Broadcom: BCM57800 QP (2x1GbE-BaseT + 2x10GbE-SFP+) rNDC
HBA's	QLogic: QLE2662
	Storage Array
Storage Enclosures	Dell Compellent: SC8000 Controllers; SC220 Expansion Enclosures
	Network Switches
Network Switches	Dell Networking: S55, S4810
SAN Switches	Brocade: 6510

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Server
Dell PowerEdge Servers	R620, R720xd, T620
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	PERC: H310, H710p
Ethernet Interfaces	Broadcom: 5720 QP 1GbE rNDC, 57800S QP rNDC, 57810S DP SFP+ 10GbE Adapter, 57810S DP Base-T 10GbE Adapter, 5719 QP 1GbE Adapter, 5720 DP 1GbE Adapter
HBA's	QLogic QLE256x, QLE2660
	Storage Array
Storage Enclosures	<i>none</i>
	Network Switches
Network Switches	Dell Networking: S60, S4820T
SAN Switches	Brocade: 300, 6505, 6520

Table 1. Hardware Details - OVC: R720 + OL6.4



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Oracle Database	Oracle Database 11g Release 2 Patch Set 11.2.0.3
Operating System	Oracle Linux 6.4 with kernel 2.6.39-400.17.1.el6uek.x86_64 (UEK R2)

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
R720	V1.6.0	v1.40.40 A00 (iDRAC7)	
RAID Controllers			
Model	Firmware	Driver	
PERC H710	v21.2.0-0007, A03	v06.505.02.00 (megaraid_sas)	
Ethernet Interfaces			
Model		Driver	
Broadcom NetXtreme II 1GbE Family of Adapters		v2.2.3n (bnx2)	
Broadcom NetXtreme II 10GbE Family of Adapters		v1.76.54 (bnx2x)	
Host Bus Adapters			
Model	BIOS	Driver	
OLE2662	v3.00	v8.05.00.03.39.0-k	

Storage Arrays	
Model	Software
Dell Compellent SC8000	Storage Center 6.3

Network Switches	
Model	Firmware
Dell Networking S55	v8.3.3.8
Dell Networking S4810	v8.3.12.1
SAN Switches	
Model	Firmware
Brocade 6510	v6.2.0c

Additional Information and Configuration Settings
http://linux.oracle.com/pls/apex/f?p=102:2:1234213660490302::NO::P2_VC_ID:626

Table 2. Software Details - OVC: R720 + OL6.4

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

2 Oracle VM (OVM) 3

2.1 Dell PowerEdge Rack Servers

2.1.1 R730xd (R730, R630 and T630) + OVM3.3.1 (Release Date - 09/10/2014)

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	R730xd
Processors	2 x Intel Xeon E5-2680 v3 2.5GHz 12C
Memory	32GB (2 x 16GB 2133Mhz DDR4 DIMMs)
RAID Controllers	PERC: H330mini
Ethernet Interfaces	Broadcom: 5720 QP 1GbE rNDC
Host Bus Adapters	QLogic: QLE2662
	Storage Array
Storage Enclosures	Dell Compellent Controllers: SC4020
	Network Switches
Network Switches	Dell Networking: 8024F, S4810
SAN Switches	Brocade: 6510

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	R730
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	PERC: H330mini, H730p
Ethernet Interfaces	Broadcom: 57800S QP (2x10GbE+2x1GbE) rNDC, 57840S QP 10GbE SFP+ rNDC, 57810S DP SFP+ 10GbE Adapter, 57810S DP Base-T 10GbE Adapter, 5719 QP 1GbE Adapter, 5720 DP 1GbE Adapter
Host Bus Adapters	QLogic QLE256x, QLE2660
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC8000
	Network Switches
Network Switches	Dell Networking: S55, S60, S4820T, 8024
SAN Switches	Brocade: 300, 5300, 6505, 6520

Table 3. Hardware Details - OVC: R730xd + OVM 3.3.1



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.3.1 [Oracle VM Manager 3.3.1]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
R730xd	V0.3.30	V2.00.00, A00 (iDRAC8)	
RAID Controllers			
Model	Firmware	Driver	
PERC H330mini	V4.240.01-3190	v06.700.06.00-rc1 (megaraid_sas)	
Ethernet Interfaces			
Model		Driver	
Broadcom NetXtreme II 1GbE Family of Adapters		v2.2.4g (bnx2)	
Broadcom NetXtreme II 10GbE Family of Adapters		v1.78.80 (bnx2x)	
Host Bus Adapters			
Model	BIOS	Driver	
QLE2662	v3.24	v8.06.00.14.39.0-k1	

Storage Arrays	
Model	Software
Dell Compellent SC4020,SC8000	Storage Center 6.5

Network Switches	
Model	Firmware
Dell Networking 8024F	v8.3.3.8
Dell Networking S4810	v8.3.12.2
SAN Switches	
Model	Firmware
Brocade 6510	V7.0.1

Additional Information and Configuration Settings
http://linux.oracle.com/pls/apex/f?p=102:2:1362576769011339::NO::P2_VC_ID:664

Table 4. Software Details - OVC: R730 + OVM 3.3.1

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

2.1.2 R920 + OVM3.2.8 (Release Date – 06/09/2014) [Solution ID: 4577352v1]

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	R920
Processors	4 x Intel Xeon E7-4890 v2 2.80 GHz 15C
Memory	32GB (8 x 4GB 1600MHz DDR3 DIMMs)
RAID Controllers	PERC: H730p
Ethernet Interfaces	Broadcom: BCM5720 QP (4x1GbE) rNDC
Host Bus Adapters	QLogic: QLE2562
	Storage Array
Storage Enclosures	Dell Compellent Controllers: SC8000; SC220 Expansion Enclosures
	Network Switches
Network Switches	Dell Networking: S55
SAN Switches	Brocade: 5300

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	<i>none</i>
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	<i>none</i>
Ethernet Interfaces	Broadcom: 57800S QP rNDC, 57840S QP 10GbE SFP+ rNDC, 57810S DP SFP+ 10GbE Adapter, 57810S DP Base-T 10GbE Adapter, 5719 QP 1GbE Adapter, 5720 DP 1GbE Adapter
Host Bus Adapters	QLogic QLE2560, QLE266x
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC40
	Network Switches
Network Switches	Dell Networking: S60, S4810, S4820T, 8024, 8024F
SAN Switches	Brocade: 300, 6505, 6510, 6520

Table 5. Hardware Details - OVC: R920 + OVM 3.2.8



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.2.8 [Oracle VM Manager 3.2.8]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
R920	v1.0.7	v1.56.55, A00 (iDRAC7)	
RAID Controllers			
Model	Firmware	Driver	
PERC H730p	v25.2.0.0017	v06.600.18.00(megaraid_sas)	
Ethernet Interfaces			
Model		Driver	Firmware
Broadcom NetXtreme I 1GbE Family of Adapters		v3.131d (tg3)	v7.2.0
Host Bus Adapters			
Model	BIOS	Driver	
QLE2562	v3.00	v8.05.00.03.39.0-k (qla2xxx)	

Storage Arrays	
Model	Software
Dell Compellent SC8000, SC40	Storage Center 6.4.3

Network Switches	
Model	Firmware
Dell Networking S55 1GbE Switch	v8.3.5.3
SAN Switches	
Model	Firmware
Brocade 5300 8Gbps Switch	v6.4.1b

Additional Information and Configuration Settings	
http://linux.oracle.com/pls/apex/f?p=102:2:1717716563061959::NO::P2_VC_ID:652	

Table 6. Software Details - OVC: R920 + OVM 3.2.8

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

2.1.3 R720 (R620/R720xd/T620) + OVM3.2.8 (Release Date – 06/09/2014) [Solution ID: 4578972v5]

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	R720
Processors	2 x Intel Xeon E5-2680 v2 2.80 GHz 10C
Memory	64GB (4 x 16G 1866MHz DDR3 DIMMs)
RAID Controllers	PERC: H710p mini
Ethernet Interfaces	Broadcom: BCM5720 QP (4x1GbE) rNDC
Host Bus Adapters	QLogic: QLE2562
	Storage Array
Storage Enclosures	Dell Compellent Controllers: SC8000; SC220 Expansion Enclosures
	Network Switches
Network Switches	Dell Networking: S55
SAN Switches	Brocade: 5300

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	R620, R720xd, T620
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	H310, H710
Ethernet Interfaces	Broadcom: 57800S QP rNDC, 57840S QP 10GbE SFP+ rNDC, 57810S DP SFP+ 10GbE Adapter, 57810S DP Base-T 10GbE Adapter, 5719 QP 1GbE Adapter, 5720 DP 1GbE Adapter
Host Bus Adapters	QLogic QLE2560, QLE266x
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC40
	Network Switches
Network Switches	Dell Networking: S60, S4810, S4820T, 8024, 8024F
SAN Switches	Brocade: 300, 6505, 6510, 6520

Table 7. Hardware Details - OVC: R720 + OVM 3.2.8

The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.2.8 [Oracle VM Manager 3.2.8]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
R720	v2.1.3	v1.51.51, A00 (iDRAC7)	
RAID Controllers			
Model	Firmware	Driver	
PERC H710p mini	v21.2.0-0007	v06.600.18.00(megaraid_sas)	
Ethernet Interfaces			
Model		Driver	Firmware
Broadcom NetXtreme I 1GbE Family of Adapters		v3.131d (tg3)	v7.2.0
Host Bus Adapters			
Model	BIOS	Driver	
QLE2562	v3.00	v8.05.00.03.39.0-k (qla2xxx)	

Storage Arrays	
Model	Software
Dell Compellent SC8000, SC40	Storage Center 6.4.3

Network Switches	
Model	Firmware
Dell Networking S55 1GbE Switch	v8.3.5.3
SAN Switches	
Model	Firmware
Brocade 5300 8Gbps Switch	v6.4.1b

Additional Information and Configuration Settings	
http://linux.oracle.com/pls/apex/f?p=102:2:2781517084775367::NO::P2_VC_ID:653	

Table 8. Software Details - OVC: R720 + OVM 3.2.8

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

2.1.4 R820 + OVM3.2.7 (Release Date - 03/18/2014) [Solution ID: 4086733v4]

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	R820
Processors	4 x Intel Xeon E5-4650 2.7GHz 6C
Memory	64GB (8 x 8GB 1333MHz DDR3 DIMMs)
RAID Controllers	PERC: H710p
Ethernet Interfaces	Broadcom: 57800S QP (2x10GbE+2x1GbE) rNDC
Host Bus Adapters	QLogic: QLE2662
	Storage Array
Storage Enclosures	Dell Compellent Controllers: SC8000; SC220 Expansion Enclosures
	Network Switches
Network Switches	Dell Networking: 8024F, S4810
SAN Switches	Brocade: 6510

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	<i>none</i>
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	PERC: H310, H710p
Ethernet Interfaces	Broadcom: 5720 QP 1GbE rNDC, 57840S QP 10GbE SFP+ rNDC, 57810S DP SFP+ 10GbE Adapter, 57810S DP Base-T 10GbE Adapter, 5719 QP 1GbE Adapter, 5720 DP 1GbE Adapter
Host Bus Adapters	QLogic QLE256x, QLE2660
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC40
	Network Switches
Network Switches	Dell Networking: S55, S60, S4820T, 8024
SAN Switches	Brocade: 300, 5300, 6505, 6520

Table 9. Hardware Details - OVC: R820 + OVM 3.2.7



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.2.7 [Oracle VM Manager 3.2.7]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
R820	v1.7.2	v1.37.35, A00 (iDRAC7)	
RAID Controllers			
Model	Firmware	Driver	
PERC H710p	v21.1.0-0007	v00.00.05.40-rc1 (megaraid_sas)	
Ethernet Interfaces			
Model		Driver	
Broadcom NetXtreme II 1GbE Family of Adapters		v2.2.3 (bnx2)	
Broadcom NetXtreme II 10GbE Family of Adapters		v1.72.50-0 (bnx2x)	
Host Bus Adapters			
Model	BIOS	Driver	
QLE2662	v3.17	v8.04.00.08.39.0-k	

Storage Arrays	
Model	Software
Dell Compellent SC8000, SC40	Storage Center 6.4

Network Switches	
Model	Firmware
Dell Networking 8024F	v8.3.3.8
Dell Networking S4810	v8.3.12.1
SAN Switches	
Model	Firmware
Brocade 6510	v6.2.0c

Additional Information and Configuration Settings
http://linux.oracle.com/pls/apex/f?p=102:2:1234213660490302::NO::P2_VC_ID:647

Table 10. Software Details - OVC: R820 + OVM 3.2.7

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.



2.2 Dell PowerEdge Blade Servers

2.2.1 M820 + OVM3.2.4 (Release Date 09/17/2013) [Solution ID: 4086722v2]

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	M820
Processors	4 x Intel Xeon E5-4617 2.9GHz 6C
Memory	128GB (16 x 8GB 1600MHz DDR3 DIMMs)
RAID Controllers	PERC: H310
Ethernet Interfaces	Broadcom: 57810S DP 10GbE bNDC
Host Bus Adapters	QLogic: QME2662
	Storage Array
Storage Enclosures	Dell Compellent Controllers: SC8000; SC220 Expansion Enclosures
	Network Switches
Network Switches	Dell Networking: MXL 10/40GbE
SAN Switches	Brocade: M6505

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	<i>none</i>
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	PERC: H710, H710p
Ethernet Interfaces	Broadcom: 57810S DP 10GbE KR Mezz, 5719 QP 1GbE Mezz
Host Bus Adapters	QLogic QME2572
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC40
	Network Switches
Network Switches	Dell Networking: M8024-k, M8428-k, M6348, M6220
SAN Switches	<i>none</i>

Table 11. Hardware Details - OVC: M820 + OVM 3.2.4



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.2.4 [Oracle VM Manager 3.2.4]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
M820	v1.5.1	v1.37.35, A00 (iDRAC7)	
RAID Controllers			
Model	Firmware	Driver	
PERC H310	v20.12.0-0004	v00.00.05.40-rc1 (megaraid_sas)	
Ethernet Interfaces			
Model		Driver	
Broadcom NetXtreme II 10GbE Family of Adapters		v1.72.50-0 (bnx2x)	
Host Bus Adapters			
Model	BIOS	Driver	
QME2662	v3.00	v8.04.00.08.39.0-k	

Storage Arrays	
Model	Software
Dell Compellent SC8000	Storage Center 6.3

Network Switches	
Model	Firmware
Dell Networking MXL 10/40GbE	v8.3.16.4, A03
SAN Switches	
Model	Firmware
Brocade M6505	v7.0.1

Additional Information and Configuration Settings	
http://linux.oracle.com/pls/apex/f?p=102:2:1060678210538969::NO::P2_VC_ID:628	

Table 12. Software Details - OVC: M820 + OVM 3.2.4

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

2.3 Dell PowerEdge FX2s

2.3.1 FC630 + OVM3.3.1 (Release Date 12/17/2014)

The matrix below lists the hardware components this OVC was tested with:

	Hardware Details
	Database Server
Dell PowerEdge Servers	FC630
Processors	2 x Intel Xeon E5-2680 v3 2.5GHz 12C
Memory	64GB (4 x 16GB 2133Mhz DDR4 DIMMs)
RAID Controllers	PERC: H330mini
Ethernet Interfaces	Broadcom: BCM57810 DP 10GbE bNDC
Host Bus Adapters	QLogic: QLE2662
	Storage Array
Storage Enclosures	Dell Compellent SC4020
	Network Switches
Network Switches	Dell Networking: 8024F, FX2s 10GbE Pass-Through
SAN Switches	Brocade: 6510

The matrix below expands the compatible hardware list. These components were not directly tested but are acceptable components to replace any of the above corresponding hardware.

	Other Compatible Hardware
	Database Servers
Dell PowerEdge Servers	<i>none</i>
Processors	All Processors supported by PowerEdge Servers listed above
Memory	All valid PowerEdge memory configurations
RAID Controllers	PERC: H730, H730p
Ethernet Interfaces	Broadcom: 57810S DP 10GbE KR Mezz, 5719 QP 1GbE Mezz
Host Bus Adapters	QLogic: QLE2562
	Storage Arrays
Storage Enclosures	Dell Compellent Controllers: SC8000
	Network Switches
Network Switches	Dell Networking: S4810,S4820T,S55,S60,8024, FX2s GbE Pass-Through
SAN Switches	Brocade: 300,5300,6505,6520

Table 13. Hardware Details - OVC: FC630 + OVM 3.3.1



The matrices below list the software versions of the different components that this OVC was tested with:

Software Details	
Operating System	Oracle VM Server 3.3.1 [Oracle VM Manager 3.3.1]
Guest VMs + Database	Oracle Linux 5.9 (UEK) x86_64, Paravirtualized with Oracle Database 11gR2

Database Servers			
Model	BIOS	ESM - BMC Firmware	Notes
FC630	v1.0.3	V2.05.05.05(31)(iDRAC8)	
RAID Controllers			
Model	Firmware	Driver	
PERC H330mini	v25.2.1.0037	v06.700.06.00-rc1 (megaraid_sas)	
Ethernet Interfaces			
Model		Driver	
Broadcom NetXtreme II 10GbE Family of Adapters		v1.78.80-0 (bnx2x)	
Host Bus Adapters			
Model	BIOS	Driver	
QLE2662	v3.24	v8.06.00.14.39.0-k1	

Storage Arrays	
Model	Software
Dell Compellent SC4020	Storage Center 6.5

Network Switches	
Model	Firmware
Dell Networking 8024F	v8.3.3.8
SAN Switches	
Model	Firmware
Brocade 6510	V7.0.1

Additional Information and Configuration Settings
http://linux.oracle.com/pls/apex/f?p=102:2:6365035476355::NO::P2_VC_ID:667

Table 14. Software Details - OVC: FC630 + OVM3.3.1

NOTE: It is recommended to use the latest software versions supported by the hardware components listed in the 'Other Compatible Hardware' matrix for this OVC.

3 References

- Dell Active Infrastructure for Oracle
<http://www.dell.com/learn/us/en/555/oracle-solutions>
- Oracle Validated Configurations Program:
<http://www.oracle.com/technetwork/server-storage/linux/validated-configurations-085828.html>
- Dell Oracle Validated Configurations:
<http://linux.oracle.com/pls/apex/f?p=102:1:319335633182209::NO::>
- Dell Server Hardware Certification List (HCL) certified with Oracle Linux and Oracle VM:
<http://linux.oracle.com/pls/apex/f?p=117:1:2526069251147525::NO:RP::>
- Dell Storage Hardware Certification List (HCL) certified with Oracle VM:
<http://linux.oracle.com/pls/apex/f?p=117:3:46019236825768::NO:RP::>
- Dell best practices, deployment and how-to guides, deployment automation tools and white papers for Oracle Databases: www.delltechcenter.com/oracle
- Dell Compellent's connectivity guide, best practices for Oracle Databases:
 - Knowledge Center <http://kc.compellent.com>

