

# **Dell Red Hat Cloud Solutions Bill of Materials Guide - Version 2.0**



# Contents

---

Trademarks..... 3

Notes, Cautions, and Warnings..... 4

Overview.....5

Pilot Bundle Bill of Materials PowerEdge R620..... 6

References..... 8

    To Learn More..... 8

## Trademarks

---

© 2014 Dell Inc. All rights reserved. Reproduction of this material in any manner whatsoever without the express written permission of Dell Inc. is prohibited. For more information, contact Dell. Dell, the Dell logo, and the Dell badge, and PowerEdge are trademarks of Dell Inc.

Trademarks used in this text: Dell™, the DELL logo, Dell Precision™, OptiPlex™, Latitude™, PowerEdge™, PowerVault™, PowerConnect™, OpenManage™, EqualLogic™, KACE™, FlexAddress, Force10™, and Vostro™ are trademarks of Dell Inc. Intel®, Pentium®, Xeon®, Core®, and Celeron® are registered trademarks of Intel Corporation in the U.S. and other countries. AMD® is a registered trademark and AMD Opteron™, AMD Phenom™, and AMD Sempron™ are trademarks of Advanced Micro Devices, Inc. Microsoft®, Windows®, Windows Server®, MS-DOS®, and Windows Vista® are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.




Red Hat®, Red Hat® Enterprise Linux®, the Shadowman logo, and JBoss are trademarks of Red Hat, Inc., registered in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Novell® is a registered trademark and SUSE™ is a trademark of Novell Inc. in the United States and other countries. Oracle® is a registered trademark of Oracle Corporation and/or its affiliates. Citrix®, Xen®, XenServer® and XenMotion® are either registered trademarks or trademarks of Citrix Systems, Inc. in the United States and/or other countries. VMware®, Virtual SMP®, vMotion®, vCenter®, and vSphere® are registered trademarks or trademarks of VMware, Inc. in the United States or other countries.

DISCLAIMER: The OpenStack® Word Mark and OpenStack Logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries, and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community.

Other trademarks and trade names may be used in this publication to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

## Notes, Cautions, and Warnings

---

-  A **Note** indicates important information that helps you make better use of your system.
-  A **Caution** indicates potential damage to hardware or loss of data if instructions are not followed.
-  A **Warning** indicates a potential for property damage, personal injury, or death.

This document is for informational purposes only and may contain typographical errors and technical inaccuracies. The content is provided as is, without express or implied warranties of any kind.

## Overview

---

This guide provides Bill of Material information necessary to purchase the proper hardware to deploy the Dell Red Hat Cloud Solutions with Red Hat Enterprise Linux™ OpenStack.

This hardware includes Dell R620, R720, and R720xd servers with Dell PowerEdge H710 disk controllers; and Dell Force10 S4810 and S55 network switches.

Please consult with your Dell sales representative to ensure proper preparation and submission of your hardware and software orders.

## Pilot Bundle Bill of Materials PowerEdge R620

**Table 1: Bill of Materials PowerEdge R620 Nodes**

SKU	Description
210-ABVQ	PowerEdge R620, Intel Xeon E-26XX v2 Processors
591-BBBQ	PowerEdge R620 Motherboard, TPM
317-8730	Chassis with up to 4 Hard Drives and 3 PCIe Slots
331-4822	Cable for Mini PERC Cards in Chassis with up to 4 Hard Drives
331-4761	PowerEdge R620 Shipping - 4/8 Drive Chassis
317-8585	Intel Xeon E5-2665 2.40GHz, 20M Cache, 8.0GT/s QPI, Turbo,8C, 115W, Max Mem 1600MHz
317-8688	DIMM Blanks for Systems with 2 Processors
331-4762	Heat Sink for PowerEdge R620(2)
317-8460	Intel Xeon E5-2665 2.40GHz, 20M Cache, 8.0GT/s QPI, Turbo,8C, 115W
331-4424	1600 MHz RDIMMS
331-4428	Performance Optimized
319-1812	16GB RDIMM, 1600MT/s, Low Volt, Dual Rank, x4 Data Width(Qty 8)
331-4234	RAID 1+RAID 1 for H710P/H710/H310 (2 + 2 HDDs)
342-3531	PERC H710P Integrated RAID Controller, 1GB NV Cache
342-5514	1.2TB 10K RPM SAS 6Gbps 2.5in Hot-plug Hard Drive(4)
421-5339	iDRAC7 Enterprise
430-4447	Intel Ethernet I350 QP 1Gb Network Daughter Card
430-4446	Intel X520 DP 10Gb DA/SFP+ Server Adapter, Low Profile(Qty 2)
332-0333	Dual, Hot-plug, Redundant Power Supply (1+1), 750W, Titanium, 200-240VAC
330-3151	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, (Qty 2)
330-5116	Power Saving Dell Active Power Controller
331-4766	331-4766 ReadyRails Sliding Rails Without Cable Management Arm

SKU	Description
313-0869	No Bezel
318-1392	No Internal Optical Drive
331-4513	Electronic System Documentation and OpenManage DVD Kit
421-4727	Red Hat Enterprise Linux NonFactory Install, x64,Reqs Subscription Selection
421-6929	Red Hat Enterprise Linux for HPC, 1-2 Socket, 3yr Subscription and Licensing
421-5737	Red Hat Enterprise Linux 6.4Media Only X86_64, No Subscription, Factory Install
939-4668	Dell Hardware Limited Warranty Plus On Site Service Extended Year
989-3439	Dell ProSupport. For tech support, visit <a href="http://support.dell.com/ProSupport">http://support.dell.com/ProSupport</a> or call 1-800-945-3355
936-9493	ProSupport: Next Business Day Onsite Service After ProblemDiagnosis, 2 Year Extended
989-5221	ProSupport: Next Business Day Onsite Service After ProblemDiagnosis, Initial Year
936-9503	ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year
936-1787	Dell Hardware Limited Warranty Plus On Site Service Initial Year
900-9997	On-Site Installation Declined
973-2426	Declined Remote Consulting Service
926-2979	Proactive Maintenance Service Declined

## References

---

Additional information can be obtained at <http://www.dell.com/openstack> or by e-mailing [openstack@dell.com](mailto:openstack@dell.com)

If you need additional services or implementation help, please contact your Dell sales representative.

## To Learn More

For more information on the Dell Red Hat Cloud Solutions with Red Hat Enterprise Linux™ OpenStack Platform visit <http://www.dell.com/openstack>.

© 2014 Dell Inc. All rights reserved. Trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Specifications are correct at date of publication but are subject to availability or change without notice at any time. Dell and its affiliates cannot be responsible for errors or omissions in typography or photography. Dell's Terms and Conditions of Sales and Service apply and are available on request. Dell service offerings do not affect consumer's statutory rights.

Dell, the DELL logo, and the DELL badge, PowerConnect, and PowerVault are trademarks of Dell Inc.