Avaya Solutions Platform 130/S8300 Overview and Specification

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Chapter 1: Introduction

Purpose

This document provides an overview and specifications for the Avaya Solutions Platform 130 products.

This document is intended for the professional who requires an overview of the key Avaya Solutions Platform features and specifications.

Change history

The following changes are made to this document since the last issue:

Issue	Date	Summary of changes
4	June 2026	• Release R6.0.0.5 • Introduction of 1.2 TB HDDs.
3	February 2026	Release R6.0.0.4.
2	February 2025	Updates to Avaya Solutions Platform Appliance profiles section.
1	October 2024	Initial Release for Release R6.0.x.

Chapter 2: Solution Overview

What's new in Avaya Solutions Platform Release R6.0.x

The ASP R6.0.x program introduces a new hypervisor and updated server hardware. In June 2024, Broadcom made the strategic decision to discontinue its Embedded OEM program. As Avaya is an Embedded OEM partner of VMware, this decision impacted the ASP 130 and ASP S8300 solutions leading to the necessity of identifying a new hypervisor. The ASP R6.0.x program introduces *KVM on Red Hat Enterprise Linux 8.10 (KVM on RHEL 8.10)*. In addition to the new hypervisor, ASP R6.0.x also introduces an updated server hardware platform with the Dell R660xs. All ASP R6.0.x solutions (ASP 130 and ASP S8300) only ship with the new KVM on RHEL 8.10 hypervisor.

Important:

ESXi is not supported on ASP R6.0.x.

To ensure a smooth transition, Avaya has developed a migration path from earlier versions of ASP 130 or ASP S8300 running on VMware. For more information, see *PSN020640u – Avaya Solutions Platform R6.0.x Introduction*.

- For existing Installed ASP 130 Release and ASP S8300 Release 5.1 VMware Systems: Broadcom continues to provide critical security patches for currently installed VMware ESXI 7.0 systems on Avaya's ASP 5.1.x platform.
- Existing ASP 130 (Dell R640) have a migration path to ASP R6.0.x KVM on RHEL 8.10 while maintaining investments in the existing Dell R640 hardware platform.
- Existing ASP S8300 5.1.x have a migration path to ASP R6.0.x KVM on RHEL 8.10.

The new ASP 130 R6.0.x server is an Avaya customized Dell R660xs server staged and loaded with KVM on RHEL 8.10 and shipped to an Avaya customer for installation of applications in a virtual environment. The ASP S8300 R6.0.x is a blade server loaded with KVM on RHEL 8.10 and shipped to an Avaya customer for installation of applications in a virtual environment.

Reference the Policies for technical support of the Avaya Solutions Platform (ASP) 130 R6.0.x and S8300 R6.0.x for additional information.

Note:

- System Manager Deployment Manager (SDM) and SDM Client is NOT supported with ASP R6.0.x.

- The ASP 130 R6.0.x R660xs will ship with a physical TPM (Trusted Platform Module) that is enabled at the BIOS level. Customer configuration choices with regards to TPM functionality are targeted for a future release.
- With the introduction of KVM on RHEL 8.10, there is no longer a specific license key needed as was present with ASP 5.1.x and earlier versions running on ESXi. However, it is imperative that customers have a record in PLDS for each and every instance of the server hypervisor as customers and Avaya will be subject to audits to ensure right to use royalties have been paid.
- Avaya does not permit or support the repurposing of servers that deviate from their original integrated configuration.
- The R640s are nearing End of Sale and will never ship from Avaya's integrator with KVM on RHEL 8.10. The R640 will always require a migration from ESXi to ASP R6.0.x software KVM on RHEL 8.10.

Solution purpose

The Avaya Solutions Platform 130/S8300 offers a turnkey hardware solution for Avaya application and solution offerings.

Solution benefits

The Avaya Solutions Platform 130/S8300 provides the following benefits:

- A unified portfolio delivering both virtualized appliances and integrated stacked solutions.
- Next generation virtualized appliance servers for commercial, mid, and enterprise markets.

Chapter 3: Avaya Solutions Platform 130 Series and Avaya Solutions Platform S8300

Avaya Solutions Platform 100 series overview

Avaya Solutions Platform (ASP) is a turnkey hardware solution that is available for many Avaya applications. Avaya Solutions Platform 100 series offers a single virtualized or bare metal server delivering Avaya unified communication and contact center applications. Refer to your product application specific documentation.

The Avaya Solutions Platform 100 series is comprised of three Models:

1. ASP 110: This is a bare metal server used by specific Avaya applications. The applications determine which Operating System (OS) is preloaded (application dependent) at Avaya's Integrator. New ASP 110 base servers consist of Dell PowerEdge R660xs and Dell PowerEdge R360xe. Reference application specific documentation for information on ASP 110 servers.
2. ASP 120: This is the Dell R640 shipped from Avaya's Integrator with Avaya Virtualized Platform (AVP) AVP 8.1 preloaded. The ASP 120 is synonymous with Appliance Virtualization Platform (AVP) and required AVP 7.1.3.3 or AVP 8.0.1 or greater. ASP 120 shipped with AVP 8.1 preloaded. AVP 8.1 was the final release and ASP 120 is not supported with Avaya Aura® 10.x. Existing ASP 120 can migrate to ASP 130 R6.0.x.
3. ASP 130: This is the Dell R660xs for ASP R6.0.x and currently ships from Avaya's Integrator with KVM on Red Hat Enterprise Linux 8.10 preloaded. The ASP 130 R4.0 and 5.x versions used the Dell R640 on ESXi 6.5/7.0. Existing ASP 130 R4.0 and 5.x can migrate to KVM on RHEL 8.10.

Note:

This document focuses on Avaya Solutions Platform 130 Appliance and Avaya Solutions Platform S8300 only.

Avaya Solutions Platform S8300 overview

The Avaya Solutions Platform S8300 solution was introduced with Avaya Solutions Platform R5.1. ASP S8300 R5.1.x shipped from Avaya's integrator with ESXi 7.0 already installed. ASP S8300 R6.0.x ships from Avaya’s integrator with KVM on Red Hat Enterprise Linux 8.10 preloaded.

Avaya Solutions Platform R640 and R660xs overview

The Dell PowerEdge R640 and R660xs are the underlying server hardware used for the Avaya Solutions Platform 130.

The Dell PowerEdge R640 is the original server hardware used for the Avaya Solutions Platform 130. The PowerEdge R640 is a 1U single/dual socket CPU platform designed for Avaya’s portfolio of applications. The R640 updates the CPU(s) and other server technologies over previous Avaya Common Server releases. It is used as the base platform for Avaya offers. The architecture of the R640 is designed to maximize performance and provide flexibility to optimize Avaya’s applications and customer use cases.

The Dell PowerEdge R660xs is the new, updated hardware platform for ASP 130. The PowerEdge R660xs is a 1U single/dual socket CPU platform designed for Avaya’s portfolio of applications. The R660xs updates the CPU(s) and other server technologies over the previous R640 release. It is used as the going forward base platform for Avaya offers. The architecture of the R660xs is designed to maximize performance and provide flexibility to optimize Avaya’s applications and customer use cases.

Avaya Solutions Platform Appliance profiles

In the Avaya Solutions Platform 100 Series, server constructs are shared among Avaya Solutions Platform 110 Appliance and Avaya Solutions Platform 130 Appliance.

Hardware configurations for each profile are locked. The addition of memory, storage, or changing out the NICs is not permitted and results in an unsupported configuration.

Note:

A1SC configurator algorithms reserve capacity/resources for the hypervisor, migrations, upgrades.

Dell R660XS XL

Table 1: Intel Emerald Rapids CPUs

Appliance Constructs	A1 (replaces P2)	A2 (replaces P3)	A3 (replaces P5)	A31 (replaces P51)
Rack Mount Unit (RMU)	1U	1U	1U	1U
Intel CPU	4510	4510	6526Y	6526Y
Number of CPUs	1	2	2	2
Number of Cores/Server	12	24	32	32
Core Frequency (GHz)	2.4	2.4	2.8	2.8
Number of Fans	5	7	7	7
Number of 8 GB RDIMMs	-	-	-	-
Number of 16 GB RDIMMs	4	8	16	16
Memory/Server in GB	64	128	256	256
10K 2.5 INCH SAS HDD Size GB **Note:** Shipping of 1.2 TB HDDs from 2QCY2026	600/1200	600/1200	600/1200	600/1200
Number of HDDs 2.5 INCH 10K SAS	5	6	6	8
RAID Options	5	6	6	6
Usable Virtual Disk Capacity (600 GB HDDs)	1726 GiB / 1853 GB	1726 GiB / 1853 GB	1726 GiB / 1853 GB	2619 GiB / 2812 GB
Usable Virtual Disk Capacity (1.2 TB HDDs)	~3.433 TiB / 3.775 TB	~3.433 TiB / 3.775 TB	~3.433 TiB / 3.775 TB	~5.178 TiB / 5.693 TB
Network 1 Gb ports (Base-T)	2 (onboard)	2 (onboard)	2 (onboard)	2 (onboard)
Network 1 Gb ports (Base T-OCP3)	4	4	4	4
Network 10/25 Gb ports (BCM57414)	0	0	2*	2*
TPM	Yes	Yes	Yes	Yes
Power Supplies (800 W)	2	2	2	2
Rail Kit	Y	Y	Y	Y
DVD-ROM Drive	N	N	N	N

* Must be at ASP R6.0.0.4 or later for ASP 130 to recognize 10/25 GB card. The R660xs must be at BIOS FW v2 or later.

Note:

- Usable Virtual Disk Capacity has been reduced by 20% to allow for upgrades and storage overhead.

- Due to supplier constraints, the 600GB hard drive utilized in the ASP 130 R660xs server can no longer be sourced.

  Beginning 2QCY2026, Avaya fulfills all ASP 130 R660xs R6.0.x server orders using 1.2 TB hard drives.

  In the case of a maintenance scenario, if a failed 600 GB hard drive is replaced with a 1.2 TB hard drive, the RAID controller will configure the 1.2 TB hard drive to run as a 600 GB hard drive in the RAID array.

Dell R640 XL

Table 2: Intel Skylake CPUs

Appliance Constructs	Profile #2	Profile #3	Profile #4	Profile #5	Profile #51 (ASP 130 Only)
Rack Mount Unit (RMU)	1U	1U	1U	1U	1U
Intel Skylake CPU	S-4114	S-4114	G-6132	G-6132	G-6132
Number of CPUs	1	2	1	2	2
Number of Cores/Server	10	20	14	28	28
Core Frequency (GHz)	2.2	2.2	2.6	2.6	2.6
Number of Fans	5	8	5	8	8
Number of 8GB RDIMMs	3	6	-	-	-
Number of 16 GB RDIMMs	-	-	6	12	12
Memory/Server in GB	24	48	96	192	192
10K 2.5 INCH SAS HDD Size GB	600	600	600	600	600
Number of HDDs 2.5 INCH 10K SAS	3 (+2 for migration to ASP R6.0.x)	4 (+2 for migration to ASP R6.0.x)	4 (+2 for migration to ASP R6.0.x)	6	8
RAID Options	5	6	6	6	6
Usable Virtual Disk Capacity	1726 GiB / 1853 GB	1726 GiB / 1853 GB	1726GiB / 1853 GB	1726 GiB / 1853 GB	2619 GiB / 2812 GB
Network 1 Gb ports (Base-T)	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe
Network 1 Gb ports (Base T-OCP3)	-	-	-	-	-
Network 10/25 Gb (BCM57414)	-	-	-	ASP 110 for SBCE only	-
TPM	-	-	-	-	-
Power Supplies (750 W)	2	2	2	2	2
Rail Kit	Y	Y	Y	Y	Y
DVD-ROM Drive	Y	Y	Y	Y	Y

Note:

Usable Virtual Disk Capacity has been reduced by 20% to allow for upgrades and storage overhead.

Note:

Usable Virtual Disk Capacity is also reduced by 60GiB for Avaya RHEL 8.10 OS.

Table 3: Intel Cascade Lake CPUs

Appliance Constructs	Profile #2	Profile #3	Profile #4	Profile #5	Profile #51 (ASP 130 Only)
Rack Mount Unit (RMU)	1U	1U	1U	1U	1U
Intel Cascade Lake CPU	S-4210	S-4210	G-6226R	G-6226R	G-6226R
Number of CPUs	1	2	1	2	2
Number of Cores/Server	10	20	16	32	32
Core Frequency (GHz)	2.2	2.2	2.9	2.9	2.9
Number of Fans	5	8	5	8	8
Number of 8GB RDIMMs	3	6	-	-	-
Number of 16 GB RDIMMs	-	-	6	12	12
Memory/Server in GB	24	48	96	192	192
10K 2.5 INCH SAS HDD Size GB	600	600	600	600	600
Number of HDDs 2.5 INCH 10K SAS	3 (+2 for migration to ASP R6.0.x)	4 (+2 for migration to ASP R6.0.x)	4 (+2 for migration to ASP R6.0.x)	6	8
RAID Options	5	6	6	6	6
Usable Virtual Disk Capacity	1726 GiB / 1853 GB	1726 GiB / 1853 GB	1726 GiB / 1853 GB	1726 GiB / 1853 GB	2619 GiB / 2812 GB
Network 1 Gb ports (Base-T)	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe	6 (4LOM, 2 PCIe
Network 1 Gb ports (Base T-OCP3)	-	-	-	-	-
Network 10/25 Gb (BCM57414)	-	-	-	ASP 110 for SBCE only	-
TPM	-	-	-	-	-
Power Supplies (750 W)	2	2	2	2	2
Rail Kit	Y	Y	Y	Y	Y
DVD-ROM Drive	Y	Y	Y	Y	Y

Note:

Usable Virtual Disk Capacity has been reduced by 20% to allow for upgrades and storage overhead.

Note:

Usable Virtual Disk Capacity is also reduced by 60GiB for Avaya RHEL 8.10 OS.

Supported software

The Avaya Solutions Platform 130 Appliance and Avaya Solutions Platform S8300 support virtualization. The ASP 130/S8300 Appliance uses an Avaya customized image of *KVM on Red Hat Enterprise Linux 8.10* as the hypervisor.

Avaya Solutions Platform 130 Dell® R640 and R660xs servers are supplied under an OEM relationship and managed differently than commercially available servers from the vendor. Support, warranty and repair are through Avaya's processes, not through the OEM vendor's support process.

In addition, ASP 100 Series Server configurations are engineered for specific application needs. No hardware substitutions or additions are allowed. Servers cannot be repurposed.

Only Avaya provided updates can be used. Updating BIOS, FW, or RHEL/KVM directly from the vendors' web sites will result in an unsupported configuration.

For further information concerning use and support of the ASP 130, refer to *Policies for technical support of the Avaya Solutions Platform (ASP) 130 and ASP S8300 R6.0.x*.

Customer Responsibility

Remote access and alarming

The customer is responsible to initiate technical onboarding for the Avaya Solutions Platform 130 Appliance and S8300 and Avaya software based on their install base records. To setup remote access, reference the *ASP R6.0.x Installation* documentation at support.avaya.com.

Remote access and use of Dell iDRAC hardware management tools is available for Avaya Solutions Platform 130. The interface is used for alarming for the underlying platform (HW). Future releases will support Hypervisor alarms managed through KVM on RHEL 8.10.

Avaya ships ASP 130 platforms with iDRAC disabled, but it is recommended that the customers follow the iDRAC best practices. See the *Avaya Solutions Platform 130 Series iDRAC9 Best Practices* at support.avaya.com.

RAID battery

Dell R640

Note:

Customers must check the base server comcode and verify which RAID controller is in their system.

Processes for replacement differ based on the RAID controller, H730 vs H750.

The H730 RAID battery is a consumable item and therefore is considered a customer replaceable unit (CRU). The RAID battery is not covered under the maintenance agreement. Customer is responsible for the Avaya Solutions Platform server RAID Battery replacement.

The H750 RAID battery is not a separate orderable entity. In the event of a failure of the RAID Battery, the RAID Card will need to be ordered for replacement.

RAID Battery or RAID Card can be ordered from the Avaya Catalogue. It is possible to place an order to have Avaya perform the replacement.

Part number	Description
700514186	ACP DELL RAID BATTERY FRU (H730)
700516327	ASP DELL R640 CLv2 H750 RAID CARD FRU (H750 includes battery)

Dell R660xs

With the introduction of the Dell R660xs, the RAID battery is no longer a separate orderable entity. In the event of a failure of the RAID Battery, the RAID Card will need to be ordered for replacement.

The R660xs RAID Card can be ordered from the Avaya Catalogue. It is also possible to place an order to have Avaya perform the replacement.

Part number	Description
700519844	ASP DELL PERC11 RAID CARD FRU (H755 includes battery)

Front view of Dell™ PowerEdge™ R660xs Server

Note:

The Dell R660xs does not contain a CD-ROM drive. All media installation is done using USB.

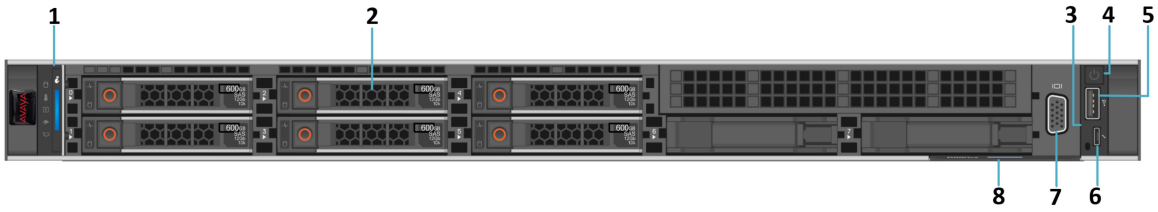


Figure 1: Front View of Dell PowerEdge R660xs With 600 HDD – Single/Dual CPU Server

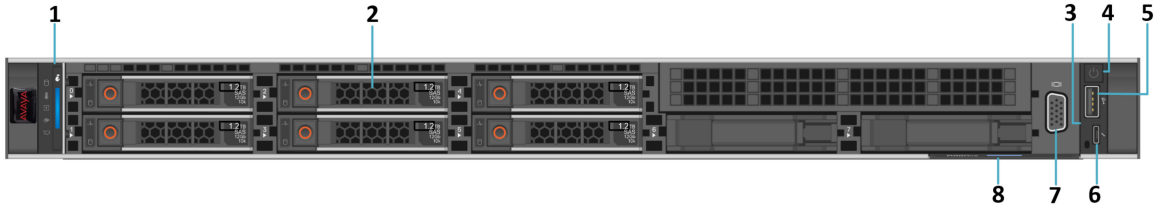


Figure 2: Front View of Dell PowerEdge R660xs With 1.2 TB HDD– Single/Dual CPU Server

No.	Item	Icon	Description
1	Left control panel	NA	Displays the system health, system ID, and status LED indicators. • Status LED: Enables you to identify failed hardware components. There are up to five status LEDs and an overall system health LED (chassis health and system ID) bar.
2	Drive slots	N/A	Enables installation of hard disk drives (HDDs) that are supported on your system.
3	Right control panel	NA	Contains the power button, USB port, iDRAC Direct micro port, and the iDRAC Direct status LED.
4	Power button		Indicates if the system is powered on or off. Press the power button to manually power on or off the system. **Note:** Press the power button to gracefully shut down an ACPI-compliant operating system.
5	USB 2.0 port		The USB is a 4-pin connector and 2.0-compliant. This port enables you to connect USB devices to the system.
6	iDRAC Direct micro port		The iDRAC Direct port (Micro-AB USB) enables you to access the iDRAC direct features.
7	VGA port		Enables connection to the display device (console) of the system. If the user connects to the front VGA port, the rear VGA port does not function.
8	Express service tag	NA	The Express Service Tag is a slide-out label panel that contains system information such as Service Tag, NIC, MAC address, and so on. If you have opted for the secure default access to iDRAC, the Information tag will also contain the iDRAC secure default password.

Rear view of Dell™ PowerEdge™ R660xs Server

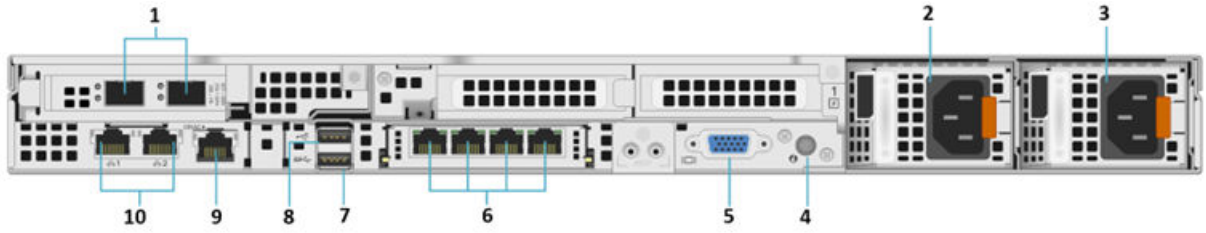


Figure 1: Rear View of Dell PowerEdge R660xs – Single/Dual CPU Server Profiles A3-A31

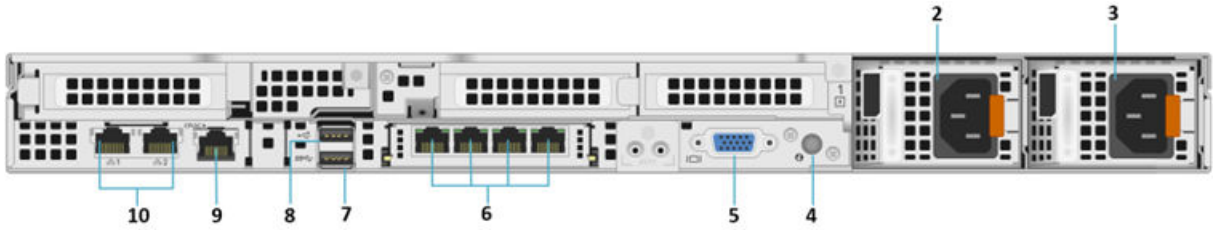


Figure 2: Rear View of Dell PowerEdge R660xs – Single/Dual CPU Server Profiles A1-A2

Table 4: Back View of Dell PowerEdge R660xs Server

No.	Item	Icon	Description
1	PCIe expansion riser card 1 slot(1)	N/A	Avaya Solutions Platform 1XX systems with R660xs server have a 2x10/25 GbE Broadcom NIC installed (BCM57414) in PCIe slot 1. In KVM on RHEL 8.10 these network interfaces will be displayed as: ens1f0np0, ens1f0np1. (Right-to-left assignment if viewing from rear of the server). Available for use beginning with ASP R6.0.0.4.0 and with BIOS FW v2 or later. This Network Card is only populated in Profiles: A3-A31.
2	Power supply unit (2)	⏻1	PSU1 is the primary PSU of the system. Can accept voltages from 100-240VAC.
3	Power supply unit (2)	⏻2	PSU2 is the secondary PSU of the system. Can accept voltages from 100-240VAC.
4	System identification button (ID)	ⓘ	Press the system ID button: • To locate a particular system within a rack. • To turn the system ID on or off. To reset iDRAC, press and hold the button for 16 seconds.

Table continues…

No.	Item	Icon	Description
5	VGA port		Enables connection to the display device (console) of the system. If the user is connected to the front VGA port, the rear VGA port will not function.
6	OCP NIC ports (4)	N/A	4x1 GbE OCP NIC card. (eno12399, eno12409, eno12419 and eno12429 – Left to right viewing from rear of the server).
7	USB 3.0 port		This USB port is a 9 pin connector and 3.0-compliant. This port enables you to connect USB devices to the system (use for bootable ISO).
8	USB 2.0 port		This USB port is a 4 pin connector and 2.0-compliant. This port enables you to connect USB devices to the system.
9	iDRAC9 dedicated port		If enabled and cabled allows you to remotely access iDRAC.
10	NIC ports (2)		2 x 1 GbE NIC ports integrated on the system mother board. (eno8303 {Management} and eno8403 {Services} ports)

Front view of Dell™ PowerEdge™ R640 Server

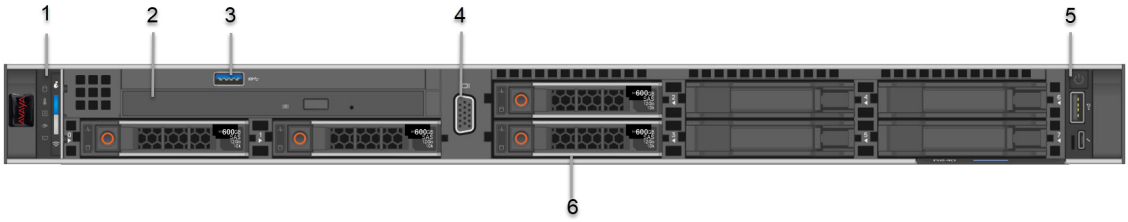


Figure 1: Front view of Dell PowerEdge R640 server

No.	Item	Icon	Description
1	Left control panel	NA	Displays the system health, system ID, and status LED indicators. • Status LED: Enables you to identify failed hardware components. There are up to five status LEDs and an overall system health LED (Chassis health and system ID) bar.
2	Optical drive	N/A	One slim SATA DVD-ROM drive. **Note:** DVD devices are data only.
3	USB port		The USB port is USB 3.0 compliant.
4	VGA port		Enables connection to the display device (console) of the system.

Table continues…

No.	Item	Icon	Description
5	Right control panel	NA	Contains the power button, USB port, iDRAC Direct micro port, and the iDRAC Direct status LED.
6	Drive slots	NA	Enables installation of hard disk drives (HDDs) that are supported on your system.

Rear view of Dell™ PowerEdge™ R640 Server

Due to supply constraints the Avaya ASP 1XX Server will ship with an H750 RAID Controller Adapter in place of the H730P Mini RAID Controller, and also the 4x1GbE Intel NIC daughter card (NDC) will be replaced by a 4x1GbE Broadcom NIC daughter card. These changes occurred in 4QCY2022. The Broadcom 2x1GbE NIC card will now be installed in PCIe slot 2 to accommodate the H750 RAID Controller installed in PCIe Slot 1.

Original Configuration of Single CPU R640 server (H730P and Intel 4x1GbE NDC)

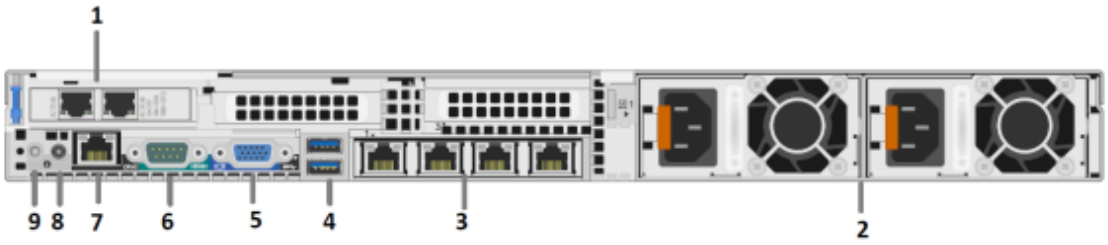


Figure 2: Back View of Dell PowerEdge R640 Single CPU Server with H730P Mini RAID Controller

New Configuration of Single CPU R640 server (H750 and Broadcom 4x1GbE NDC)

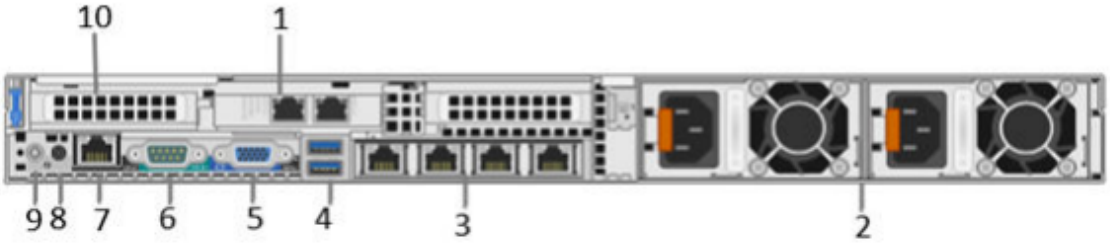


Figure 3: Back View of Dell PowerEdge R640 Single CPU Server with H750 RAID Controller Adapter

Original Configuration of Dual CPU R640 server (H730P and Intel 4x1GbE NDC)

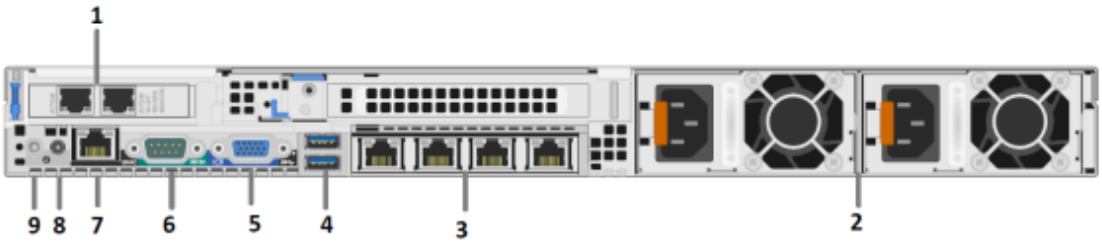


Figure 4: Back View of Dell PowerEdge R640 dual CPU Server with H730P Mini RAID Controller

New Configuration of Dual CPU R640 server (H750 and Broadcom 4x1GbE NDC)

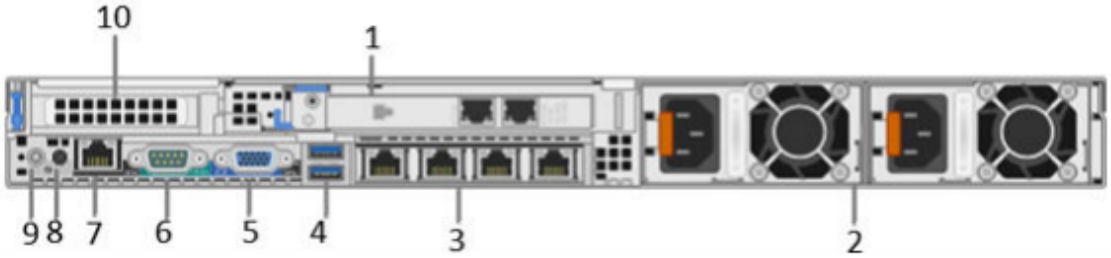


Figure 5: New Configuration of Dual CPU R640 server (H750 and Broadcom 4x1GbE NDC)

Table 5: Back View of Dell PowerEdge R640 Server

No.	Item	Icon	Description
1	PCIe expansion card slot(s)	N/A	Avaya Solutions Platform 1XX systems have a 2x1GbE Broadcom NIC installed in PCIe slot 1 in servers with an H730P Mini RAID controller. The 2x1GbE Broadcom NIC is installed in PCIe slot 2 in servers with an H750 RAID Controller Adapter installed in PCIe Slot 1. This NIC card in **Dual CPU** systems with the H750 RAID Controller has a full-height PCIe faceplate and **ports enslf0 and enslf1 are numbered left-to-right**. In **single CPU** configurations the 2x1GbE NIC, located in PCI slot2 has a half-height PCIe faceplate and **ports enslf0 and enslf1 are numbered right to left**. See figures above.
2	Power supply unit (2)	N/A	Power Supplies can accept voltages from 100-240VAC.
3	NIC port (4)		The NIC ports that are integrated on the network daughter card (NDC) provide network connectivity. (**eno1** – **eno4** – left to right viewing from rear of server {**eno1** = Mgmt_VM_Network and **eno2** = Services})
4	USB 3.0 port		The USB ports are of 9-pin and 3.0-compliant. These ports enable you to connect USB devices to the system.
5	VGA port		Enables you to connect a display device to the system.
6	Serial port		Enables you to connect a serial device to the system.
7	iDRAC9 dedicated port		Enables you to remotely access iDRAC.
8	CMA power port	N/A	The Cable Management Arm (CMA) power port enables you to connect to the CMA.
9	System identification button		The System Identification (ID) button is available on the front and back panel of the systems. Press the button to identify a system in a rack by turning on the system ID button. You can also use the system ID button to reset iDRAC and to access BIOS using the Step Through mode.
10	PERC H750 RAID Controller Adapter	N/A	The H750 is a RAID disk array controller made by Dell for its PowerEdge servers. This controller replaces the H730P Mini RAID controller shipped in earlier versions of the ASP 1XX. The H750 installs in PCIe slot 1 whereas the H730P is installed in an embedded PCIe slot on the server motherboard.

Environmental and Power requirements

For Environmental and Power requirements reference *Installing Avaya Solutions Platform 130 R6.0.x* documentation.

Chapter 4: Resources

Avaya Solutions Platform 130/S8300 documentation

The following documents are available on Avaya support site at https://support.avaya.com/:

Title	Description
Avaya Solutions Platform 130/S8300 Overview and Specification	Describes the key features of Avaya Solutions Platform
Installing, Maintaining, and Troubleshooting Avaya Solutions Platform S8300	Describes how to install, maintain, and troubleshoot Avaya Solutions Platform S8300.
Installing the Avaya Solutions Platform 130 Series	Describes how to install Avaya Solutions Platform 130 Series 6.0.x.
Maintaining and Troubleshooting the Avaya Solutions Platform 130 Series 6.0.x	Describes procedures to maintain and troubleshoot Avaya Solutions Platform 130 Series 6.0.x.
Avaya Solutions Platform S8300 6.0.x Release Notes	Release Notes.
Avaya Solutions Platform 130 6.0.x Release Notes	Release Notes.
PCN2174Su – Avaya Solutions Platform S8300 6.0.x	Product Correction Notice (PCN) introducing the ASP S8300 R6.0.x software and subsequent Service Packs.
PCN2180Su – Avaya Solutions Platform S8300 6.0 SSP	Product Correction Notice (PCN) introducing the ASP S8300 R6.0.x Security Service Packs (SSPs) available beginning with ASP R6.0.0.3.0 and later.
PCN2173Su – Avaya Solutions Platform 130 6.0.x	Product Correction Notice (PCN) introducing the ASP 130 R6.0.x software and subsequent Service Packs.
PCN2179Su – Avaya Solutions Platform 130 6.0 SSP	Product Correction Notice (PCN) introducing the ASP 130 R6.0.x Security Service Packs (SSPs) available beginning with ASP R6.0.0.3.0 and later.
Avaya Solutions Platform R6.0.x Security Service Pack Installation Application Note	Instructions for installing ASP Security Service Packs (SSPs).

Table continues…

Title	Description
ASP 130 R6.0.0.4.0 and Later VLAN & VLAN TRUNKING CONFIGURATION GUIDE	This application note provides guidance for configuring VLANs and enabling VLAN trunking on ASP R6.0.0.4.0 (KVM on RHEL 8.10) or later release. It is intended for system administrators and technical users responsible for deploying and managing virtual infrastructure on Avaya Solutions Platform (ASP) compute servers.
ASP 130 R6.0.0.3.0 and Earlier VLAN & VLAN TRUNKING CONFIGURATION GUIDE	This application note provides guidance for configuring VLANs and enabling VLAN trunking on ASP R6.0.0.3.0 (KVM on RHEL 8.10) or earlier release. It is intended for system administrators and technical users responsible for deploying and managing virtual infrastructure on Avaya Solutions Platform (ASP) compute servers.
Port Matrix for ASP S8300	This document provides a list of interfaces, TCP and UDP ports that hardware components and applications use for intra-connections and for inter-connections with external applications or devices.
Port Matrix for ASP 130	This document provides a list of interfaces, TCP and UDP ports that hardware components and applications use for intra-connections and for inter-connections with external applications or devices.
Policies for technical support of the Avaya Solutions Platform (ASP) 130 and S8300E R6.0.x	This document and statements related to support are only with respect to Avaya Services support of the software and hardware of the Avaya Solutions Platform (ASP) 130 server and S8300E server based on supported and tested configurations.
Avaya Solutions Platform 130 Series iDRAC9 Best Practices	Describes the best practices of using the Integrated Dell Remote Access Controller (iDRAC).
PSN027113u - Avaya Solutions Platform 100 Series Dell® R660xs Avaya Certified BIOS/Firmware Update, Version 2	Always check for a newer version of Avaya certified BIOS/Firmware. New PSNs are published for each new release.

Table continues…

Title	Description
PSN027112u - Avaya Solutions Platform 100 Series Dell® R640 Avaya Certified BIOS/Firmware Update, Version 16	Always check for a newer version of Avaya certified BIOS/Firmware. New PSNs are published for each new release.
Avaya Solutions Platform 130 R6.0.0.5.0 Application Note: Hypervisor Backup and Recovery using Relax-and-Recover (ReaR)	This application note describes how to utilize the ReaR tool to allow ASP 130 hosts to be restored to a known-good state in the event of issues such as data corruption.
Avaya Solutions Platform R6.0.0.5.0 Application Note: Remote Syslog Configuration	This application note provides guidance on how to configure and implement remote syslog.
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.x.0 documents listed below	Follow the steps outlined in the appropriate document(s) when planning and conducting updates to ASP R6.0.x KVM on RHEL 8.10 hosts running on ASP 130 & S8300E servers using the Avaya certified and approved files. Always check support.avaya.com for new documents as new Service Packs are released.
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.5.0 (RHEL 8.10) from R6.0.0.3.0 (RHEL 8.10) or later	**Note:** Upgrades to R6.0.0.5.0 and later R6.0.0.x.0 service packs require a step upgrade to R6.0.0.3.0 first.
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.4.0 (RHEL 8.10) from R6.0.0.3.0 (RHEL 8.10)	**Note:** Upgrades to R6.0.0.4.0 and later R6.0.0.x.0 service packs require a step upgrade to R6.0.0.3.0 first.
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.3.0 (RHEL 8.10) from R6.0.x (RHEL 8.10)	
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.2.0 (RHEL 8.10) from R6.0.x (RHEL 8.10)	
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.1.1 (RHEL 8.10) from R6.0.x (RHEL 8.10)	
Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.1 (RHEL 8.10) from R6.0.x (RHEL 8.10)	

Note:

Documents for migrating from AVP and older ASP R5.x EOMS releases can be found on support.avaya.com.

Finding documents on the Avaya Support website

Procedure

1. Go to https://support.avaya.com.
2. To log in, click **Sign In** at the top of the screen and then enter your login credentials when prompted.
3. Click **Product Support** > **Documents**.
4. In **Search Product**, start typing the product name and then select the appropriate product from the list displayed.
5. In **Select Release**, select the appropriate release number.

   This field is not available if there is only one release for the product.
6. **(Optional)** In **Enter Keyword**, type keywords for your search.
7. From the **Select Content Type** list, select one or more content types.

   For example, if you only want to see user guides, click **User Guides** in the **Select Content Type** list.
8. Click to display the search results.

Avaya Documentation Center navigation

For many programs, the latest customer documentation is available on the Avaya Documentation Center website at https://documentation.avaya.com. Some functionality is only available when you log in to the Avaya Documentation Center. The available functionality depends on your role.

Important:

If the documentation you are looking for is not available on the Avaya Documentation Center, you can find it on the Avaya Support website.

While navigating through the Documentation Center, you can click the **Avaya Documentation Center** logo at the top of the screen to return to the home page anytime. On the Avaya Documentation Center, you can do the following:

- Click **Avaya Links** in the top menu bar to access other Avaya websites, including the Avaya Support website.
- Click **Languages** ( ) in the top menu bar to change the display language and view localized documents.
- In the **Search Documentation** field, search for keywords and click **Filter** to filter by solution category, product, or user role.

  You can select multiple items in each filter category. For example, you can select a product and multiple user roles.

- Click **Library** in the top menu bar to access the complete library of documents. Use the filtering options to refine your results.
- After performing a search or accessing the library, you can sort content on the search results page. When you find the item you want to view, click it to open it.
- Use the table of contents in a document for navigation. You can also click **<** or **>** next to the document title to navigate to the previous topic or the next topic.
- Click **Share** ( ) to share a topic by email or copy the URL.
- Download a PDF of the current topic in a document, the topic and its subtopics, or the entire document.
- Print the section you are viewing.
- Add content to a collection by clicking **Add to My Topics** ( ). You can add the topic and its subtopics or add the entire publication.
- View the topics in your collections. To access your collections, click your name in the top menu bar and then click **My Topics**.

  You can do the following:

  - Create, rename, and delete a collection.
  - Set a collection as the default or favorite collection.
  - Save a PDF of the selected content in a collection and download it to your computer.
  - Share content in a collection with others through email.
  - Receive collections that others have shared with you.
- Click **Watch** ( ) to add a topic to your watchlist so you are notified when the content is updated or removed.
- View and manage your watchlist by clicking **Watchlist** from the top menu with your name.

  You can do the following:

  - Enable **Email notifications** to receive email alerts.
  - Unwatch the selected content or all topics.
- Send feedback for a topic.

Support

Go to the Avaya Support website at http://support.avaya.com for the most up-to-date documentation, product notices, and knowledge articles. You can also search for release notes, downloads, and resolutions to issues. Use the online service request system to create a service request. Chat with live agents to get answers to questions, or request an agent to connect you to a support team if an issue requires additional expertise.

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