



Avaya Solutions Platform 130 Release Notes

Release 6.0.x

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Change history

Issue	Date	Description
18	31-March-2026	Updated Security Service Pack (SSP) history table for SSP_2.
17	17-March-2026	Known issues updated with Cockpit UI warning message – cosmetic only
16	03-February-2026	Updated for ASP R6.0.0.4.0.
15	12-January-2026	AAWG temporarily removed from list of certified applications as additional performance testing is underway.
14	06-January-2026	Updated Release History to include Security Service Packs; additional info added to ACP1XX-1519. Known issue with installVM script added.
13	22-December-2025	Supported applications table updated as SBCE has officially certified on ASP 130 R6.x
12	22-December-2025	Updated to include new known issue in 6.0.0.3 section – ACP1XX-2107; ACP1XX-2110. Supported applications table updated to include WSfE, Workplace Attendant & Presence on Breeze 3.9.0.3; Callback Assist.
11	15-October-2025	Updated for ASP R6.0.0.3.0.
10	30-Sept-2025	Updated for ASP R6.0.x Configuration Migration Utility. Supported Applications Updated. Known Issues For Awareness section updated to explain VMs emulated machine version.
9	20-August-2025	Added known issue for ACP1XX-2000 – emulated machine version in Cockpit differs from VM guest OS.
8	18-August-2025	Supported applications table updated to include Meeting Exchange 6.2 SP14. Additional applications added “Under Test”.
7	03-June-2025	Updated for 6.0.0.2.0
6	02-May-2025	Applications under test updated to include Avaya Meeting Exchange.
5	07-Apr-2025	Updated for 6.0.0.1.1
4	31-Mar-2025	Clarified need to rerun <i>configNetwork</i> script for NIC bonding on ASP 130. Avaya Messaging v11SP3 added as a supported application on ASP 130 R6.0.x. Applications under test updated. virtio-win driver released.
3	24-Feb-2025	Updated for ASP R6.0.0.1 Supported applications table updated.
2	13-Jan-2025	Additional applications supported on ASP R6.0.x added Clarification on additional hardware for R640s Clarification on current supported configuration options
1	29-Oct-2024	Initial Release Notes for Avaya Solutions Platform 130 Release 6.0.x

Introduction

This document provides release notes, important notices, and describes known issues for the Avaya Solutions Platform (ASP) 130 R6.0.x solution. This document is intended for users of Avaya Solutions Platform 130 and those interested in obtaining information about the solutions. This audience can include:

- System Administrators
- Data Center Personnel
- Avaya Sales Engineers
- Avaya Systems Engineers
- Certified Repair and Maintenance Personnel

Note: Please reference *Policies for technical support of the Avaya Solutions Platform (ASP) 130 R6.0.x and S8300 R6.0.x*.

Release History

Initial Release and Service Pack history

ASP 130 Release	Date Launched	ASP build on KVM on RHEL 8.10
ASP 130 R6.0.0.4.0	February 3, 2026	4.6-4.8
ASP 130 R6.0.0.3.0	October 15, 2025	4.6-4.8
ASP 130 R6.0.0.2.0	June 3, 2025	4.6-4.8
ASP 130 R6.0.0.1.1	April 7, 2025	4.6-4.8
ASP 130 R6.0.0.1	February 24, 2025	4.6-4.8
ASP 130 R6.0.0.0	October 29, 2024	4.6-4.8

Note: The Build Number is of the format X.Y-A.B where X.Y is the ASP R6.0.x build number and A.B is the ASP R6.0.x Kickstart build number.

Security Service Pack (SSP) history

Can only be installed on ASP R6.0.0.3.0 and LATER as the Security Service Pack framework was introduced in ASP R6.0.0.3.0.

Reference [PCN2179S](#) for details, including PLDS IDs, RHSAs/CVEs delivered.

SSP #	Date Launched	File Name
<i>Can only be installed on ASP R6.0.0.3.0 or later</i>		
SSP_2	March 31, 2026	SSP_2-asp-all-6.0.0.0-02.zip
SSP_1	January 6, 2026	SSP_1-asp-all-6.0.0.0-02.zip

What's New in Avaya Solutions Platform 130 R6.0.x

What's new in Avaya Solutions Platform 130 R6.0.0.4.0

- Support for the 10/25 GbE NIC in the ASP 130 R660xs A3 and A31 hardware profiles. Requires BIOS/FW to be updated to the latest available. As of February 3, 2025, that is [PSN027113u - Avaya Solutions Platform 100 Series Dell® R660xs Avaya Certified BIOS/Firmware Update, Version 2](#)
- A new version of *av-asp-tools-1.12-1.el8.x86_64.rpm* that will automatically be installed when updating to ASP R6.0.0.4.0. The Initialization and Service Configuration Tool *av-asp-tools-1.5-3.el8.x86_64.rpm* posted on PLDS is required **only** when updating from the R6.0.0.0.0 GA load.

- The updated *av-asp-tools-1.12-1* rpm includes the following:
 - Updated *installVM* script to handle Aura OVA certificate expiry issue. Reference [PSN020666u - Avaya Aura® 10.x OVA certificate expiry and impact on ASP R6.x installVM script](#) for additional details.
 - Updated *configNetwork* script (ASP 6.0.0.4 and later) now supports:
 - Dual bridge configuration (bridge0 & bridge1).
 - Dual bond configuration when configuring 2 bridges:
 - bond0 > bridge0
 - bond1 > bridge1
 - When Configuring VLAN trunking:
 - Script can now configure 1-5 VLANs
 - Script can configure a dedicated bridge for every required VLAN.
 - VLAN trunking can be configured on either bridge0 or bridge1.
 - **10/25GbE NIC on ASP 130A3/A31**
 - Introduce support of the **BCM57414 2x10/25GbE** Network Interface Card exclusively on the Dell R660xs profiles A3 and A31.
 - Ports will be labeled as **P7** (NIC 7) / **ens1f0np0** (Hypervisor) & **P8** (NIC 8) / **ens1f1np1** (Hypervisor)
 - **Note:** When bonding ports (Active/backup or LACP), both **must be** at either 10GB or 25GB. Reference the [Application Note for Avaya Solutions Platform \(ASP\) 130 Release 6.0.0.4.0 \(KVM on RHEL 8.10\) or later](#) for additional details.
 - Updated *showConfig* script now includes network topology and NTP configuration.

What's new in Avaya Solutions Platform 130 R6.0.0.3.0

- A new version of *av-asp-tools-1.8-1.el8.x86_64.rpm* and a new *av-asp-tools-sec-1.1.1.el8.x86_64.rpm* that will automatically be installed when updating to ASP R6.0.0.3.0. The Initialization and Service Configuration Tool *av-asp-tools-1.5-3.el8.x86_64.rpm* posted on PLDS is required only when updating from the R6.0.0.0.0 GA load. These updated/new rpms include:
 - Introduction of a [Security Service Pack framework](#). All future RHSA updates will be provided by a separate Security Service Pack (SSP).
 - Updated *swversion* so that SSPs will be included in the output.
- All RHSA/ fixes that were available from Red Hat as of **September 3, 2025**, are included in R6.0.0.3.0. RHSAs/updated packages available from Red Hat after that point in time will be included in the Security Service Packs (SSPs) going forward. Note that Avaya picks up fixes from official RHEL repositories only. Even though a fix may be available, RHEL may take time to incorporate it into their base, so it is important to look at RHEL CVE dates and not dates from any other source. See additional details in the Security Information section of these Release Notes and in PCN2173Su. As SSPs are released, the details related to updates will be posted in a separate PCN (PCN2179S) that covers the SSPs.
- Updates/enhancements required to support JITC customers, including the addition of RPMs.

Avaya Solutions Platform R5.1.x to R6.0.x Configuration Migration Utility

Avaya introduces an **Avaya Solutions Platform R5.1.x to R6.0.x Configuration Migration Utility**.

Migrations are catastrophic. Several steps are required prior to a catastrophic migration, including backing up host and application-level data. The migration utilities facilitate the migration of host-level parameters and include export and import functionality. They are provided in a zip file on PLDS and will need to be extracted to the individual components. PLDS requires a unique PLDS ID if the same file is located under multiple Releases/Versions, therefore there will be unique PLDS IDs for each release within ASP S8300 and ASP 130. The zip file (*asp_migration_utility-v1.zip*) will extract to the following python scripts:

`host_config_export_v1.py`

`host_config_import_v1.py`

Reference [PCN2146Su](#) and the [Application Note for ASP R5.1.x to ASP R6.0.x Configuration Migration Utility](#) for detailed instructions

What's new in Avaya Solutions Platform 130 R6.0.0.2.0

- Updates/enhancements required to support JITC customers, including the addition of RPMs.
- A new version of `av-asp-tools-1.7-1.el8.x86_64.rpm` will automatically be installed when updating to ASP R6.0.0.2.0. The Initialization and Service Configuration Tool `av-asp-tools-1.5-3.el8.x86_64.rpm` posted on PLDS is required only when updating from the R6.0.0.0 GA load.
- All RHTSA/ fixes that were available from Red Hat as of **May 20**, 2025 are included in R6.0.0.2.0. RHTSAs/updated packages available from Red Hat after that point in time will be included in the next update bundle. Avaya picks up fixes from official RHEL repositories only. Even though a fix may be available, RHEL may take time to incorporate it into their base so it is important to look at RHEL CVE dates and not dates from any other source. See additional detail in the Security Information section of these Release Notes.

What's new in Avaya Solutions Platform 130 R6.0.0.1.1

- Introduction of support for configuring SNMP on KVM on RHEL 8.10 through a custom Avaya **configSnmp** script. Both SNMP v3 and SNMP v2 are supported. Note that while the RHEL OS provides a default script for configuring SNMP, named `snmpconf`, this should NOT be used as it does not include all of the customizations applied by the Avaya **configSnmp** script. Use of the default RHEL `snmpconf` script could overwrite/remove the custom configurations applied by the Avaya **configSnmp** script and prevent future usage of the **configSnmp** script.
- A new version of **av-asp-tools**, `av-asp-tools-1.6-2.el8.x86_64.rpm`, will automatically be installed when updating to ASP R6.0.0.1.1. The Initialization and Service Configuration Tool `av-asp-tools-1.5-3.el8.x86_64.rpm` posted on PLDS is required only when updating from the R6.0.0.0 GA load.

What's new in Avaya Solutions Platform 130 R6.0.0.1.0

- A new version of **av-asp-tools** rpm required for the update to ASP R6.0.0.1 and expanded support for installation of Avaya Aura® applications that are certified on ASP R6.0.0.1. Installation of this updated **av-asp-tools** rpm will provide the following:
 - Creation of `/var/lib/libvirt/staging` directory with correct permissions if it does not already exist. This facilitates the direct transfer of the update bundle to the staging folder.
 - Installation of the **asp-update-os** command to be used on R6.0.0.0 to update to R6.0.0.1.
 - Creation of `/var/log/asp/update_log_<timestamp>.txt` files for Update bundle installation logs.
 - Availability of an **installVM** script that will facilitate installation of Avaya Aura® core applications (CM, SMGR, SM, AES, WebLM) that are certified on ASP R6.0.0.1. This script leverages the Avaya Aura python installation scripts and unpacks the OVA while creating a temporary directory, verifies the signature and manifest, runs the application python script, and cleans up the temporary directory and associated files when complete.
- All RHTSA/ fixes that were available from Red Hat as of **February 3**, 2025 are included in R6.0.0.1. RHTSAs/updated packages available from Red Hat after that point in time will be included in the next update bundle. Avaya picks up fixes from official RHEL repositories only. Even though a fix may be available, RHEL may take time to incorporate it into their base so it is important to look at RHEL CVE dates and not dates from any other source. See additional detail in the Security Information section of these Release Notes.
- Linux sysstat package that provides following performance monitoring and usage commands that are relevant for ASP R6.0.x:

`/usr/bin/iostat` – *Monitors system input/output stats for devices and partitions. Provides*

insight into CPU and disk I/O performance
/usr/bin/mpstat -- Processors statistics
/usr/bin/pidstat – Process and kernel thread statistics
/usr/bin/sadf – Displays data collected by sar
/usr/bin/sar – System Activity Reporter

- For ASP 130 only: Introduction of **virtio-win** driver ISO file required for Avaya applications that are installed on a Windows Virtual Machine deployed on ASP R6.0.x. VirtIO drivers are paravirtualized device drivers required for Microsoft Windows VMs running on ASP R6.0.x. **Only** those applications certified for ASP R6.0.x as noted in the table **Applications Certified on ASP R6.0.x** in the **Procedures for deploying Avaya applications on ASP R6.0.x** section of these Release Notes will be supported. The virtio-win driver cannot be utilized in any other scenario due to licensing restrictions.
- For any Avaya application that is certified on a Windows VM running on ASP 130 R6.0.x, it is important to note that the customer is responsible for the creation/deployment and maintenance of the Windows Virtual Machine. This is applicable not only in a new installation, but also in a recovery process.
- Introduction of the percli command for ASP R6.0.x Dell R640 and R660xs servers. The *showConfig* command now includes firmware and BIOS versions, RAID type and disk sizes, state of the physical and virtual disks, state of the battery, events since reboot of type warning or higher.
- For ASP 130 only: Support for NIC Bonding as documented in *Installing the Avaya Solutions Platform 130 Series R6.0.x*. The configNetwork script would be rerun after updating to ASP R6.0.0.1 or greater. This includes an update to the *configNetwork* script to prompt the user to create a Management/VM network bond if necessary.
- Standard login banner now displayed in the Cockpit UI.

What's new in Avaya Solutions Platform 130 R6.0.0.0

- The Avaya Solutions Platform (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 as they relied on VMware for the underlying hypervisor. This led to the necessity of identifying a new hypervisor. The ASP R6.0.x program will introduce *KVM on Red Hat Enterprise Linux (RHEL) 8.10*. ASP 130 R6.0.x and ASP S8300 R6.0.x are turnkey, pre-configured hardware solutions.
- ASP R6.0.x introduces the Dell R660xs server as a replacement for the Dell R640 and Dell R360 as the replacement for the Dell R340. 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.
- ASP R6.0.x introduces support for *KVM on RHEL 8.10* for existing customers on Dell R640s as well as Avaya S8300s who want to move from VMware ESXi 7.x, which is targeted to go End-of-Support in October 2025.
- ASP R6.0.x Dell R660xs servers will only support *KVM on RHEL*. They will not be supported with VMware (ESXi).
- With the introduction of *KVM on RHEL 8.10*, there is no longer a specific license key needed as was present with ASP R5.1.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.
- Dual stack (IPv4/IPv6) is supported.
- New SE codes for Dell R660xs (iDRAC)
- New SE codes for ASP hypervisor.
- The ASP 130 R6.0.x R660xs will ship with a physical TPM (Trusted Platform Module) that will be enabled at the BIOS level. Customer configuration choices with regard to TPM functionality are targeted for a future release.

- ASP 130 R660xs Server FRU changes.
- There is no Profile 4 equivalent in ASP R6.0.x.
- One common image for R660xs, R640, S8300.
- No separate OOBM (Out of Band Management) script (included as part of common image).
- No separate EASG package (included as part of common image).
- System Manager Solution Deployment Manager (SDM) and SDM client are not supported.
- ASP_SSH is a script present in applications which was used in ASP 5.1.x to enable SSH for troubleshooting purpose in case SSH has been disabled by customer for security reasons. This feature is NOT available in the first release of ASP R6.0.x.
- Installation of ASP R6.0.x now utilizes a USB drive. DVD installation is not supported in R6.0.x (Dell R640, Dell R660xs, S8300E) This USB drive MUST be removed after deployment of the hypervisor in the unlikely event the boot order is changed to USB first – this would remaster the system and all data is lost.
- Introduction of customer login, *custadm*.
- Introduction of *swversion* command.
- Introduction of Virtual Machine Backup (clone) as an alternative process to snapshots. Snapshots are not supported in RHEL 8.10.
- Readme.txt as part of the ASP R6.0.x image that contains important information.
- Autostart is disabled by default for the VMs and requires enabling.

Supported Upgrade Paths

Important Notes:

- It is imperative that customers stay current with the latest Avaya certified ASP release to ensure a robust security environment as new ASP R6.0.x releases are made available.
- Migrations:
 - All migrations from ASP R5.x, R4.x, ASP 120 (AVP) and S8300 with AVP on existing supported hardware will be “catastrophic”, requiring a complete remaster of the server with KVM on RHEL and deployment of the applications and restore of application data.
 - Server/host level details (Networking parameters, naming conventions, etc.) must all be captured prior to deploying the new ASP R6.0.x *KVM on RHEL 8.10* image.
 - All applications running on the current hardware must capture application level administration parameters, certificates and application licenses as necessary and ensure a valid application backup is available to restore once the application KVM image is deployed on ASP R6.0.x.
 - Existing ASP 130 R640 R4.x, R5.x and ASP 120 server Profiles P2, P3, P4 **REQUIRE** an additional 2 Hard Drives prior to migrating to ASP R6.0.x. Two additional HDDs must be ordered using this code: 700514178 ACP DELL 600GB 10K SAS 2,5 HDD FRU. Profiles P5 and P51 already have the required number of HDDs for migration.
 - The migration process will require a reconfiguration of the RAID controller for ALL Profiles, P2, P3, P4, P5, P51.
 - It is imperative that only Avaya ASP certified applications be deployed on ASP servers. A1SC is required to be utilized for ordering for new installs, migrations, additions of applications. If A1SC results in multiple servers, applications must be deployed based on the configurator output. It is possible that in a migration scenario, additional hardware may be needed to support application performance.
 There may be an interim period where an application is certified, but the rules are not yet live in A1SC. During that interim period, orders will be manually reviewed to ensure appropriate sizing.
- Unless otherwise stated by Avaya, DO NOT change any settings on the hypervisor.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.4.0

ALL UPGRADES TO ASP R6.0.0.4.0 REQUIRE UPGRADE TO R6.0.0.3.0 FIRST.

From ASP 130	To ASP 130 R6.0.0.4.0
--------------	-----------------------

Release	
R4.x, AVP (ASP 120)	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0. Install R6.0.0.4.0.
R5.x	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0. Install R6.0.0.4.0.
R6.0.0.0.0	<p>multi-step process</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0. Install R6.0.0.4.0.
R6.0.0.1.0	<p>multi-step process</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.0 Install R6.0.0.3.0. Install R6.0.0.4.0.
R6.0.0.1.1	<p>multi-step process</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.6-2.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.1. Install R6.0.0.3.0. Install R6.0.0.4.0.
R6.0.0.2.0	<p>multi-step process</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.7-1.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.2.0. Install R6.0.0.3.0. Install R6.0.0.4.0.
R6.0.0.3.0	<p>Supported.</p> <ul style="list-style-type: none"> Install R6.0.0.4.0.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.3.0

From ASP 130 Release	To ASP 130 R6.0.0.3.0
R4.x, AVP (ASP 120)	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications

	<p>are redeployed.</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0.
R5.x	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0.
R6.0.0.0.0	<p>Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.3.0.
R6.0.0.1.0	<p>Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.0 Install R6.0.0.3.0.
R6.0.0.1.1	<p>Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.6-2.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.1. Install R6.0.0.3.0.
R6.0.0.2.0	<p>Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.7-1.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.2.0. Install R6.0.0.3.0.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.2.0

From ASP 130 Release	To ASP 130 R6.0.0.2.0
R4.x, AVP (ASP 120)	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.2.0.
R5.x	<p>multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.2.0.
R6.0.0.0.0	<p>Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-</i>

	<p><i>tools-1.5-3.el8.x86_64.rpm</i> deployed.</p> <ul style="list-style-type: none"> • Install R6.0.0.2.0.
R6.0.0.1.0	<p style="text-align: center;">Supported</p> <ul style="list-style-type: none"> • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.0 • Install R6.0.0.2.0.
R6.0.0.1.1	<p style="text-align: center;">Supported</p> <ul style="list-style-type: none"> • Required Initialization and service configuration tools <i>av-asp-tools-1.6-2.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1.1. • Install R6.0.0.2.0.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.1.1

From ASP 130 Release	To ASP 130 R6.0.0.1.1
R4.x, AVP (ASP 120)	<p style="text-align: center;">multi-step process</p> <ul style="list-style-type: none"> • Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. • Install R6.0.0.1.1.
R5.x	<p style="text-align: center;">multi-step process</p> <ul style="list-style-type: none"> • Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. • Install R6.0.0.1.1.
R6.0.0.0.0	<p style="text-align: center;">Supported</p> <ul style="list-style-type: none"> • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. • Install R6.0.0.1.1.
R6.0.0.1.0	<p style="text-align: center;">Supported</p> <ul style="list-style-type: none"> • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> is already present as it was included in R6.0.0.1. • Install R6.0.0.1.1.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.1.0

From ASP 130 Release	To ASP 130 R6.0.0.1
R4.x, AVP (ASP 120)	<p style="text-align: center;">multi-step process</p> <ul style="list-style-type: none"> • Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. • Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. • Install R6.0.0.1.0.

R5.x	<p style="text-align: center;">multi-step process</p> <ul style="list-style-type: none"> Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed. Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.1.0.
R6.0.0.0.0	<p style="text-align: center;">Supported</p> <ul style="list-style-type: none"> Required Initialization and service configuration tools <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i> deployed. Install R6.0.0.1.0.

Supported upgrade paths to Avaya Solutions Platform 130 R6.0.0.0

From ASP 130 Release	To ASP 130 R6.0.0.0
R5.x, R4.x	Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed.
AVP (ASP 120)	Supported as a catastrophic migration. Server is remastered from ESXi to KVM on RHEL (ASP R6.0.0.0) and applications are redeployed.

Additional hardware requirements for upgrades

ASP 130/120 Dell R640 Profile	Order TWO HDDs	Re-RAID server (Detailed instructions under test, documentation will be updated when complete)
ASP Profiles P2, P3, P4	QTY 2: 700514178 ACP DELL 600GB 10K SAS 2,5 HDD FRU	REQUIRED
ASP Profiles P5, P51	N/A (already contains required number HDDs)	REQUIRED

Procedures for deploying Avaya applications on ASP R6.0.x

Applications Certified on ASP R6.0.x.

Reference the following table for information on application specific documentation.

This table covers BOTH ASP 130 R6.0.x and ASP S8300 R6.0.x.

However, the only applications that can be deployed on an ASP S8300 are Communication Manager, Branch Session Manager and Secure Access Link.

Note: Additional Avaya applications are currently certifying with ASP R6.0.x. Until an application is listed as compatible with ASP R6.0.x in the Product Compatibility Matrix on support.avaya.com, the application has published detailed instructions for deployment on ASP R6.0.x, and the A1SC configurator rules are updated, it is not considered certified and therefore is not supported.

Note: There may be an interim period where an application is certified, but the rules are not yet live in A1SC. During that interim period, orders will be manually reviewed to ensure appropriate sizing.

This table will be updated as additional applications certify with ASP R6.0.x.

Applications Certified on ASP R6.0.x

Application	Information on Deployment
Avaya Aura® Core (Communication Manager, System Manager, WebLM, Session Manager, Application Enablement Services)	Aura 10.1.x and 10.2.x deployment and upgrade guides have been updated with instructions to deploy Avaya Aura® applications on Avaya Solutions Platform (ASP) Release 6.0.x (KVM on RHEL 8.10) on Avaya Solutions Platform (ASP) Release 6.0.x (KVM on RHEL 8.10).
AADS	AADS Reference Deploying Avaya Aura® Device Services Release 10.2
Avaya Aura® Media Server	Reference the section “Deploying in the KVM on Red Hat® virtualized environment for ASP 130 Release 6.0 or higher” of <i>Deploying and Updating Avaya Aura® Media Server Appliance</i> .
CMS	Reference the section “Preparing the CMS KVM file” in the latest version of <i>Deploying Avaya Call Management System</i> document.
Avaya Diagnostic Server/Secure Access Link	Reference the <i>Deploying SAL Gateway in Virtualized Environment (KVM)</i> document.
Avaya Messaging (fka IXM)	Reference <i>Avaya Messaging V11 SP3 Release Notes</i> . This application is deployed on a Windows VM running on ASP 130 R6.0.x.
Avaya Meeting Exchange 6.2 SP14	Reference <i>Meeting Exchange 6.2 Service Pack 14 Release Notes</i> and the <i>Application Note for Deployment of Avaya Meeting Exchange applications on Avaya Solutions Platform (ASP) Release 6.0.x (KVM on RHEL 8.10)</i>
Avaya Meetings Server	Reference: <ul style="list-style-type: none"> • <i>Avaya Meetings® Media Server for Meetings® Server R9.1 FP15 on ASP 130 R6.0.X (KVM on RHEL 8.10) Release notes</i> • <i>Avaya Meetings® Server 9.1.15 on ASP 130 R6.0.X (KVM ON RHEL 8.10) Deployment Guide</i> • <i>Release Notes for Avaya Meetings Media Server 9.1FP14-KVM</i> • <i>Avaya Meetings® Server 9.1.14 on ASP 130 R6.0.X (KVM on RHEL 8.10) Deployment Guide</i>
Avaya Experience Portal	Reference <i>Deploying Avaya Experience Portal 8.1.2.1 on ASP 130 Release 6.0 (KVM on RHEL 8.10)</i>
Avaya Callback Assist (CBA)	Reference <i>Deploying Avaya Callback Assist 5.2.0.0 on ASP130 R6.0.x (KVM on RHEL 8.10) Issue 3.0</i>
Workspaces for Elite (WSfE) on Breeze 3.9.0.3	Reference <i>Avaya Workspaces for Call Center Elite 3.8.3 Release Notes Issue 2.0</i>
Workplace Attendant on Breeze 3.9.0.3	Reference <i>Avaya Workplace attendant Release 5.6.1 Release Notes Issue 2.0</i> .
Presence on Breeze 3.9.0.3	Reference <i>Avaya Aura® Release Notes 10.1.x and 10.2.x</i> .
ASBCE 10.2.1.x	Reference <i>Deploying Avaya Session Border Controller on ASP 130 R6.0.x (KVM on RHEL 8.10)</i>
Under Test	In Progress
Avaya Aura® Web Gateway	Temporarily removed from certification. Additional performance testing is underway. The AAWG deployment guide is being updated to reflect this is in progress. Reference Chapter 7: Deploying AAWG on KVM in the latest version of <i>Deploying the Avaya Aura® Web Gateway</i> document.

IP Office	Documentation will be updated when full certification is completed.
Avaya Proactive Outreach Manager (POM)	TBD - Documentation will be updated when full certification is completed.

Installation using the ASP R6.0.0.1.0 (and later) installVM script

The instructions in this section are applicable to ASP R6.0.0.1.0 and later releases and are specific to use of the *installVM* script.

NOTE: Due to an Avaya signing certificate expiration in December 2025, review the following [PSN020666u - Avaya Aura® 10.x OVA certificate expiry and impact on ASP R6.x installVM script](#) for additional details on use of the *installVM* script.

Reference Section [Installing/Upgrading ASP 130 Release R6.0.x](#) in this document for detailed instructions for ASP R6.0.x upgrade instructions.

The *installVM* script is currently only supported for the following Avaya Aura® core applications certified on ASP R6.0.0.1.0 and later.

- Communication Manager
- System Manager
- Session Manager/Branch Session Manager
- Application Enablement Services
- WebLM

The ASP *installVM* script has the responsibility to unpack the OVA, verify the signature and manifest to ensure there is no tampering or corruption and then calls the application python script. Once the application is installed, the *installVM* script performs cleanup of the temporary directories and files that are created. The *installVM* script is provided after installation of the R6.0.0.1.0 av-asp-tools rpm.

Once the ASP R6.0.0.1.0 av-asp-tools rpm has been transferred and installed on the host, a staging directory is automatically created at `/var/lib/libvirt/staging`.

Note: The following output is just a representation and should only be used as an example.

Sample Output of installVM script using CMKVM simplex ova as an example

```
[custadm@aspl30-r6-21 staging]$ pwd
/var/lib/libvirt/staging
[custadm@aspl30-r6-21 staging]$ installVM CMKVM-Simplex-010.2.0.0.229-e70-0.ova
Extracting OVA files
CMKVM-Simplex-010.2.0.0.229-e70-0.ovf
CMKVM-Simplex-010.2.0.0.229-e70-0.mf
CMKVM-Simplex-010.2.0.0.229-e70-0.cert
install vm.py
ovf.py
system.qcow2
Var Disk.qcow2
CMKVM-Simplex-010.2.0.0.229-e70-0.cert: OK
Verified OK
CMKVM-Simplex-010.2.0.0.229-e70-0.ovf: OK
install vm.py: OK
ovf.py: OK
system.qcow2: OK
Var Disk.qcow2: OK

At this point, the output is identical to what one sees when executing the CM
vm_install.py script
```

Read the following End User License Agreement "EULA" carefully. You must accept the terms of this EULA to install this software.

Press ENTER to read the EULA.
AVAYA GLOBAL SOFTWARE LICENSE TERMS
Version: May 2023
.....

Avaya Solutions Platform Appliance key features and profiles

Key Features

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 R660 is designed to maximize performance and provide flexibility to optimize Avaya's applications and customer use cases.

Installing/Upgrading ASP 130 Release R6.0.x

New installations including recovery, remastering

Installation instructions for ASP 130 R6.x can be found in [Installing the Avaya Solutions Platform 130 Series R6.0.x](#).

Maintenance and Troubleshooting instructions can be found in [Maintaining and Troubleshooting Avaya Solutions Platform 130 R6.0.x](#).

When upgrading from ASP R6.0.x to R6.0.0.4.0 reference the [Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.4.0 \(RHEL 8.10\) from R6.0.0.3.0 \(RHEL 8.10\)](#)

When upgrading from ASP R6.0.x to R6.0.0.3.0 reference the [Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.3.0 \(RHEL 8.10\) from R6.0.x \(RHEL 8.10\)](#)

When upgrading from ASP R6.0.x to R6.0.0.2.0 reference the [Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.2.0 \(RHEL 8.10\) from R6.0.x \(RHEL 8.10\)](#).

When upgrading from ASP R6.0.x to R6.0.0.1.1 reference the [Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.1.1 \(RHEL 8.10\) from R6.0.x \(RHEL 8.10\)](#).

When upgrading from ASP R6.0.0.0 to R6.0.0.1 reference the [Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.1 \(RHEL 8.10\) from R6.0 \(RHEL 8.10\)](#).

Dell R640 and R660xs Server Firmware updates

Always check support.avaya.com for the latest Avaya certified BIOS/Firmware updates available for the Dell R640 and Dell R660xs servers.

Product Registration

In order to receive support from Avaya Services, Avaya Customers and Avaya Channel Partners must have their end user product information in the **HealthCheck** tool.

End User product install base is a prerequisite for services support of Avaya Solutions Platform. Registration establishes accurate inventory, test SAL connectivity, alarm configuration (if necessary) and ensures proper on-boarding of customer into all levels of Avaya Support.

General information on registration can be found at <https://support.avaya.com/registration>

The Heathcheck tool can be accessed at: <https://secureservices.avaya.com/osm-pha/views/home.xhtml?null>

Avaya Solutions Platform 130 Release R6.0.x Software files

The following tables provide the Avaya Solutions Platform 130 release R6.0.x file download information. For the latest deployment and upgrade procedures, see the *Installing the Avaya Solutions Platform 130 Series R6.0.x* document on the Avaya Support website and PCN2173 on the Avaya Support website.

Note: Only Avaya provided updates can be used. Updating directly from the Red Hat website or local repositories will result in an unsupported configuration.

Required files for Avaya Solutions Platform 130 R6.0.0.4.0

ALL UPGRADES TO ASP R6.0.0.4.0 REQUIRE UPGRADE TO R6.0.0.3.0 FIRST.

Download ID	Description/File name	Description
ASP000000051	ASP R6.0.0.4.0 Customized KVM on RHEL 8.10 ZIP File update-asp-all-6.0.0.4.0-03.zip	ASP R6.0.0.4.0 Customized ZIP bundle to update KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This update package is intended exclusively for ASP 130 & S8300 servers. ALL UPGRADES TO ASP R6.0.0.4.0 REQUIRE UPGRADE TO R6.0.0.3.0 FIRST. Reference <i>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)</i> .
ASP000000050	Avaya Aura Solutions Platform 130 R6.0.x Security Service Pack #1 SSP_1-asp-all-6.0.0.0-02.zip	Avaya Aura Solutions Platform 130 R6.0.x Security Service Pack #1 Always install the latest SSP available to ensure robust security protection. Reference PCN2179S.
Additional files required if updating from ASP R6.0.0.0.0 or performing a new installation.		
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File ASP_R6_all_4.6-4.8.iso	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.
ASP000000041	ASP R6.0.0.0 Initialization and service configuration tools RPM file av-asp-tools-1.5-3.el8.x86_64.rpm	Updated ASP initialization and service configuration tools RPM file to be applied on top of ASP R6.0.0.0 KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This RPM file is intended exclusively for ASP 130 & S8300 servers. The previous version was included in the <i>ASP_R6_all_4.6-4.8.iso</i>

Required files for Avaya Solutions Platform Configuration Migration Utility

Download ID	Description/File name	Description
ASP000000048	ASP 130 R6.0.x. Migration Utility v1 ZIP File <i>asp_migration_utility-v1.zip</i>	ASP Migration Utility v1 to be used when performing migrations from ASP R5.1.x (ESXi 7.0) to ASP R6.x (KVM on RHEL 8.10).

Required files for Avaya Solutions Platform 130 R6.0.0.3.0

Download ID	Description/File name	Description
ASP000000049	ASP R6.0.0.3.0 Customized KVM on RHEL 8.10 ZIP File <i>update-asp-all-6.0.0.3.0-01.zip</i>	ASP R6.0.0.3.0 Customized ZIP bundle to update KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This update package is intended exclusively for ASP 130 & S8300 servers. ASP R6.0.0.3.0 includes Avaya <i>av-asp-tools-1.8-1.el8.x86_64.rpm</i> and a new <i>av-asp-tools-sec-1.1.1.el8.x86_64.rpm</i> to support the new <i>Security Service Pack framework</i> . Reference Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.3.0 (RHEL 8.10) from R6.0.x (RHEL 8.10) .
ASP000000050	Avaya Aura Solutions Platform 130 R6.0.x Security Service Pack #1 <i>SSP_1-asp-all-6.0.0.0.0-02.zip</i>	Avaya Aura Solutions Platform 130 R6.0.x Security Service Pack #1 Always install the latest SSP available to ensure robust security protection. Reference PCN2179S.
Additional files required if updating from ASP R6.0.0.0.0 or performing a new installation.		
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File <i>ASP_R6_all_4.6-4.8.iso</i>	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.
ASP000000041	ASP R6.0.0.0 Initialization and service configuration tools RPM file <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i>	Updated ASP initialization and service configuration tools RPM file to be applied on top of ASP R6.0.0.0 KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This RPM file is intended exclusively for ASP 130 & S8300 servers. The previous version was included in the <i>ASP_R6_all_4.6-4.8.iso</i>

Required files for Avaya Solutions Platform 130 R6.0.0.2.0

Download ID	Description/File name	Description
ASP000000045	ASP R6.0.0.2.0 Customized KVM on RHEL 8.10 ZIP File <i>update-asp-all-6.0.0.2.0-02.zip</i>	ASP R6.0.0.2.0 Customized ZIP bundle to update KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This update package is intended exclusively for ASP 130 & S8300 servers. ASP R6.0.0.2.0 includes Avaya <i>av-asp-tools-1.7-1.el8.x86_64.rpm</i> . Reference Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.2.0 (RHEL 8.10) from R6.0.x (RHEL 8.10)
Additional files required if updating from ASP R6.0.0.0 or performing a new installation.		
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File <i>ASP_R6_all_4.6-4.8.iso</i>	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.
ASP000000041	ASP R6.0.0.0 Initialization and service configuration tools RPM file <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i>	Updated ASP initialization and service configuration tools RPM file to be applied on top of ASP R6.0.0.0 KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This RPM file is intended exclusively for ASP 130 & S8300 servers. The previous version was included in the <i>ASP_R6_all_4.6-4.8.iso</i>

Required files for Avaya Solutions Platform 130 R6.0.0.1.1

Download ID	Description/File name	Description
ASP000000044	ASP R6.0.0.1.1 Customized KVM on RHEL 8.10 ZIP File <i>update-asp-all-6.0.0.1.1-02.zip</i>	ASP R6.0.0.1.1 Customized ZIP bundle to update KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This update package is intended exclusively for ASP 130 & S8300 servers. ASP R6.0.0.1.1 includes Avaya <i>av-asp-tools-1.6-2.el8.x86_64.rpm</i> . Reference Avaya Solutions Platform 130 & S8300 Series – Updating to R6.0.0.1.1 (RHEL 8.10) from R6.0.x (RHEL 8.10)
Additional files required if updating from ASP R6.0.0.0 or performing a new installation.		
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File <i>ASP_R6_all_4.6-4.8.iso</i>	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.
ASP000000041	ASP R6.0.0.0 Initialization and service configuration tools RPM file <i>av-asp-tools-1.5-3.el8.x86_64.rpm</i>	Updated ASP initialization and service configuration tools RPM file to be applied on top of ASP R6.0.0.0 KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This RPM file is intended exclusively for ASP 130 & S8300 servers. The previous version was included in the <i>ASP_R6_all_4.6-4.8.iso</i>

Required files for Avaya Solutions Platform 130 R6.0.0.1.0

Updated March 31, 2025 to reflect that **virtio-win-1.9.39.iso** is now available for download from PLDS when Avaya Messaging is deployed on a Windows VM on ASP 103 R6.0.x.

Download ID	Description/File name	Description
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File ASP_R6_all_4.6-4.8.iso	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.
ASP000000041	ASP R6.0.0.0 Initialization and service configuration tools RPM file av-asp-tools-1.5-3.el8.x86_64.rpm	Updated ASP initialization and service configuration tools RPM file to be applied on top of ASP R6.0.0.0 KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This RPM file is intended exclusively for ASP 130 & S8300 servers. The previous version was included in the ASP_R6_all_4.6-4.8.iso
ASP000000042	ASP R6.0.0.1.0 Customized KVM on RHEL 8.10 ZIP File update-asp-all-6.0.0.1.0-04.zip	ASP R6.0.0.1.0 Customized ZIP bundle to update KVM on RHEL 8.10 hosts running on ASP 130 & S8300 servers. This update package is intended exclusively for ASP 130 & S8300 servers. Reference Avaya Solutions Platform 130 & S8300 Series - Updating to R6.0.0.1 (RHEL 8.10) from R6.0 (RHEL 8.10) .
ASP000000043	Paravirtualized device driver required for Avaya applications that are certified to be deployed on a Windows VM on ASP 130 virtio-win-1.9.39.iso	This driver is limited for use with Avaya applications certified to be installed on a Windows VM running on ASP 130 R6.0.0.1.x. It CANNOT be distributed or deployed in any other scenario due to licensing requirements. Only those with entitlements to BOTH ASP R6.0.x and applications certified to be installed on a Windows VM running on ASP 130 R6.0.0.1.x will be allowed access. Not applicable to ASP S8300.

Required files for Avaya Solutions Platform 130 R6.0.0.0

Download ID	Description/File name	Description
ASP000000040	ASP 130 R6.0.x Customized KVM on RHEL 8.10 ISO File <i>ASP_R6_all_4.6-4.8.iso</i>	Customized KVM on RHEL 8.10 image used for fresh installs on ASP 130 servers. The same image is applicable for R640, R660xs and S8300. There is a unique PLDS ID for ASP S8300 and ASP 130 which is required for tracking purposes. Always download the image from the appropriate solution.

Security Information

Security Statement

Avaya Solutions Platform is a solution comprised of hardware and software products. Security vulnerabilities for each product is tracked individually by the product development team. There are also third-party products that are part of the Avaya Solutions Platform solution. The security vulnerabilities of those products are the responsibility of their product development teams.

Avaya uses an industry standard security scanning tool to conduct internal security compliance scans on GA candidate software prior to releasing it to the public. Avaya will mitigate vulnerabilities discovered and generated in the scan report when the vendor (Red Hat) provides updates and Avaya fully tests these updates.

For ASP R6.0.0.3.0 and earlier, when the new ASP R6.0.x bundle was created, all RHTSA fixes that were available from Red Hat at that point in time were included. Beginning with the Security Service Pack framework introduced in ASP R6.0.0.3.0, all RHTSAs released from Red Hat after that will be included in the subsequent Security Service Packs (SSPs).

Avaya picks up fixes from official RHEL repositories only. Even though a fix may be available, RHEL may take time to incorporate it into their base, so it is important to look at RHEL CVE dates and not dates from any other source.

If a scanning tool is flagging a vulnerability, it is important to see when the RPM fix was released by Red Hat. If the fix was released after the build date of the ASP 130 R6.0.x update bundle (typically GA date minus 3 weeks), then it will be included in a future ASP R6.0.x update bundle.

If the fix was released by Red Hat prior to the build date of the ASP 130 R6.0.x update bundle, open a Service Request with Avaya to have it reviewed.

Potential Vulnerabilities

Potential vulnerabilities are not confirmed until the security administrator goes thru the report in detail and confirms whether the system is susceptible or not. Often, vulnerability scanners flag a potential vulnerability just by the component version in question e.g. OS version. Also, scanners sometime are not capable of determining if a workaround provided by the vendor has been applied or not, thus, vulnerabilities may still be reported under the potential vulnerabilities section (scanner detection logic).

Some scanning tools will flag older kernels that are not in use on the system. Avaya currently does not remove older kernels nor does Avaya provide specific documentation on if one should or instructions on how to do that. These older kernels are kept to facilitate troubleshooting by the product house if necessary and should not be utilized or removed.

Fixes/Enhancements in Avaya Solutions Platform 130 R6.0.x releases

Specific RHSA updates provided in **Releases 6.0.0.0 through 6.0.0.3.0** are tracked in **SECTION 1B – SECURITY INFORMATION** of the corresponding ASP R6.x PCNs: [ASP 130 R6.x PCN2173S](#) and [ASP S8300 R6.x PCN2174S](#).

ASP R6.0.0.3.0 introduced a Security Service Pack (SSP) framework **and all new RHSA update information will now be included in the ASP 130 R6.x SSP [PCN2179S](#) and ASP S8300 R6.x SSP [PCN2180S](#) going forward.** These SSPs can only be deployed on ASP R6.0.0.3.0 and later.

Fixes/Enhancements in Release R6.0.0.4.0

ID	Minimum Conditions	Visible symptoms of issue or description of enhancement	Issue found in Release
ACP1XX-2107	R6.0.0.0.0, R6.0.0.1.0, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	Unable to connect newly created bridge to VM via cockpit. Cockpit rpm updates from RHBA-2025:11039 delivered to R6.0.0.4.0.	6.0.0.0.0
ACP1XX-1948	R6.0.0.0.0, R6.0.0.1.0, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	SSH session terminated after 1 st login failure with putty even when correct password is provided on 2 nd attempt. Other clients may terminate at the first login failure. Happens only if EASG is enabled.	6.0.0.0.0
ACP1XX-2129	R6.0.0.0.0, R6.0.0.1.0, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	Ensure “sudo rm/cp/mv” all require confirmation for custadm and non-root users.	N/A – enhancement
ACP1XX-2181	R6.0.0.0.0, R6.0.0.1.0, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	Updated <i>installVM</i> script to prompt user if they want to proceed with installation in the event of a certificate expiration in the Avaya Aura OVA being installed. Also supports the new Sectigo certificates being used going forward. Reference PSN020666u - Avaya Aura® 10.x OVA certificate expiry and impact on ASP R6.x installVM script	N/A – enhancement

Fixes/Enhancements in Release R6.0.0.3.0

ID	Minimum Conditions	Visible symptoms of issue or description of enhancement	Issue found in Release
ACP1XX-2068	R6.0.0.0, R6.0.0.1, R6.0.0.1.1, R6.0.0.2	<i>nslookup</i> CLI command not available.	N/A – enhancement
ACP1XX-2030	R6.0.0.0, R6.0.0.1, R6.0.0.1.1, R6.0.0.2	Update script & swversion to support separate SSPs	N/A – enhancement
ACP1XX-2007	R6.0.0.0, R6.0.0.1, R6.0.0.1.1, R6.0.0.2	The error message “Duplicate option definition: 'AllowZoneDrifting=no'” displays in the /var/log/firewalld log when user restarts the firewalld service.	6.0.0.2
ACP1XX-2008	R6.0.0.0, R6.0.0.1, R6.0.0.1.1, R6.0.0.2	Idle session timeout not updated immediately.	6.0.0.2

Fixes/Enhancements in Release R6.0.0.2.0

ID	Minimum Conditions	Visible symptoms of issue or description of enhancement	Issue found in Release
ACP1XX-1943	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Updated av-asp-tools version to: <i>av-asp-tools-1.7-1.el8.x86_64</i>	N/A - enhancement
ACP1XX-1850 ACP1XX-1918	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Requirements for JITC customers only.	N/A – enhancement
ACP1XX-1853	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Enhancement to installVM script to validate Aura OVAs.	N/A – enhancement
ACP1XX-1894	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Enhancement to systemd configuration	N/A – enhancement
ACP1XX-1895	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Updated systemd per RHBA-2024:11158	6.0.0.1.1
ACP1XX-1902	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Removal of unnecessary packages.	N/A – enhancement
ACP1XX-1903 ACP1XX-1942	R6.0.0.0, R6.0.0.1, R6.0.0.1.1	Configuration changes for mounting file systems.	N/A – enhancement
ACP1XX-1923	R6.0.0.0, R6.0.0.1, R6.0.0.1.1 - R660xs only	<i>tuned-adm verify</i> fails on R660xs – this is observed in entries in <i>/var/log/boot.log</i> – system is unable to set the appropriate performance profile.	6.0.0.1.0

Fixes/Enhancements in Release R6.0.0.1.1

ID	Minimum Conditions	Visible symptoms of issue or description of enhancement	Issue found in Release
ACP1XX-1873	R6.0.0.0, R6.0.0.1	Updated av-asp-tools version to: <i>av-asp-tools-1.6-2.el8.x86_64.rpm</i> Introduction of Avaya custom <i>configSnmp</i> script allowing for SNMP v2 and SNMP v3 configuration on the host. Reference the Installing the Avaya Solutions Platform 130 Series R6.0.x documentation for details on configuration.	N/A - enhancement

Fixes/Enhancements in Release R6.0.0.1.0

ID	Minimum Conditions	Visible symptoms	Issue found in Release
ACP1XX-1507	R6.0.0.0	Cosmetic issue with extra “Invalid hostname” line displayed if user enters an invalid hostname or domain name in the <i>configNetwork</i> script.	R6.0.0.0
ACP1XX-1508	R6.0.0.0	Cosmetic issue with “OOBM firewall zone is not available”. Should read “OOBM firewall zone is not available.	R6.0.0.0
ACP1XX-1509	R6.0.0.0	After enabling IPv6 on ASP host, the IPv6 default gateway displays though user presses “n” option for disabling IPv6 on ASP SSH session	R6.0.0.0

ID	Minimum Conditions	Visible symptoms	Issue found in Release
ACP1XX-1540	R6.0.x with Windows VM and no virtio-win driver	Cockpit UI shows unknown for Windows VM IP address	R6.0.0.0

Fixes/Enhancements in Release R6.0.0.0

As R6.0.0 is the first release and introduction of the new hypervisor, there are no specific fixes.

ID	Minimum Conditions	Visible symptoms	Issue found in Release
NA	NA	NA	NA

Known issues in Avaya Solutions Platform 130 R6.0.x releases

For awareness:

- System Manager Solution Deployment Manager (SDM) and SDM client are not supported in ASP R6.0.x.
- The /var/lib/libvirt/staging directory can contain multiple OVAs. However, when using python direct deploy or Cockpit, only one OVA can be deployed at a time as the unpacking/untarring of OVAs creates qcow files in the staging directory. Multiple qcow images from DIFFERENT applications will result in VM corruption. After deploying a VM, the staging directory must be assessed and all related files from unpacking an OVA must be removed before unpacking/untarring the next OVA. For applications that are not packaged in an OVA, the same rules apply: multiple qcow files from different applications cannot be present in the /staging directory. ALL files unpacked from the OVA should be removed after app deployment. And once the application deployment is verified, the OVA should be removed from the staging directory as well. **Note:** Use of the installVM script available in R6.0.0.1 for Avaya Aura® core applications (CM, SMGR, SM, AES, WebLM) will create temporary subdirectories for the qcow2 files and clean up after the VM is successfully installed.
- RHEL 8.10 does not support snapshots. While the command may be present in the OS, use of the command is not allowed as the resulting snapshot will be corrupt. Virtual Machine Backups (clone) is a feature similar to snapshots and is used in place of snapshots in ASP R6.0.x. Virtual Machine Backups (clones) should **only** be utilized during maintenance activities for recovery purposes in the unlikely event of a failure. They are not intended for or supported for long term use and should be removed as soon as possible, no later than 48 hours after they are created. These clones must be created through the CLI as the Cockpit UI does not support the necessary required options. Reference application specific documentation for specific instructions.
- After migrating an ASP Dell R640 on ESXi to ASP 130 R6.0.x, the NIC Port names will change from vmnic0-3 on the 4 port motherboard card and vmnic4 and 5 on the 2 port PCIe NIC card to eno1-4 on the motherboard and different names for ports 5 and 6 depending on the configuration in the ASP R6.0.x hypervisor environment. The ports read left to right (5 and 6) except one which reads **right to left (6 and 5)**. *The port name for ports 5 and 6 will vary based on the configuration. This is to be expected as the naming is based on the location of the port board in the server configuration.*

Dell R640 RAID Controller	NIC Port 5	NIC Port 6
Dell R640 Single CPU H730	ens1f0 and	ens1f1
Dell R640 Dual CPU H730	ens1f0	ens1f1
Dell R640 Single CPU H750 <i>(reads right to left)</i>	ens2f0	ens2f1

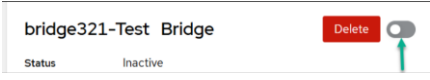
Dell R640 Dual CPU H750	enp216s0f0	enp216s0f1
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For additional details reference [Application Note for Avaya Solutions Platform \(ASP\) 130 Release 6.0.x \(KVM on RHEL 8.10\) R640/R660xs NIC Assignment mapping](#)).

- VMs emulated machine version displayed in Cockpit UI does not match the VM guest OS installed. The emulated machine version is not intended to match the guest OS. It reflects the version number of the motherboard chipset and other hardware presented to the VMs by the KVM host. The emulated machine version shown for both RHEL and Windows VMs (eg, pc-q35-rhel8.6.0) is separate and not related to the application/guest operating system release installed.
- Macvtap interfaces are not persistent, therefore each time a VM restarts, a new macvtap device maybe created and the index increases (e.g. macvtap0→macvtap1. This is due ot how Linux dynamically assigns device names when creating tap interfaces tied to physical NICs.
- In Cockpit, editing a network bridge name loses network connectivity and associated ports are removed and interface members list is blank. RedHat is aware of this issue and their engineering team is currently investigating a proper fix via RHEL-117883. These ports will need to be added again after the bridge name change.
CAUTION: bridge0 and bridgeOOB should not be renamed as the *configNetwork* script will not work.
- Reference [PSN020666u - Avaya Aura® 10.x OVA certificate expiry and impact on ASP R6.x installVM script](#). Avaya Aura® applications that utilize *installVM* script to deploy OVAs on ASP prior to ASP R6.0.0.4.0 will encounter a failure. The ASP *installVM* script checks for the certificate expiration date and will **NOT** proceed with the deployment if the certificate is expired. This is addressed in ASP R6.0.0.4.0.
- After configuration of the 10/25GbE LACP bond or active/backup bond, warning messages stating “NIC Link is Down” may be displayed on the console. This is normal/expected behavior and can be ignored.

Known issues and workarounds in Release R6.0.0.4.0


ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-2448	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	Warning message on Cockpit UI under Virtual Machines that displays as: <i>Failed to fetch some resources</i> <i>Internal error: failed to get number of host interfaces: unspecified error – errors in loading some config files.</i>	Third party issue – cosmetic only. This error message on the Cockpit UI can be ignored as it does not impact any feature/functionality.
N/A	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	installVM aborts or is interrupted during the application installation	If the installVM script aborts or is interrupted during the application installation, assess /images directory and manually remove any artifacts (qcow files) related to the failed deployment. Otherwise, the same name will not be able to be used when trying to redeploy.
ACP1XX-2110	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	Changing Bridge name causes port disconnect/removal when using Cockpit	Workaround until vendor fixes issues is to manually edit bridge again and add the corresponding interface back to the bridge. Note: Prior to changing a bridge label, user MUST note down existing interface members associated to bridge. Best Practice: Utilize <i>configNetwork</i> script available in ASP R6.0.0.4.0.

ACP1XX-2103	ASP R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	IP changes to an inactive bridge using cockpit triggers an Oops! on the networking page. Networking page gets blank and nothing can be done unless page is refreshed.	<p>Page must be refreshed to gain access again to networking tab. Manually enable the bridge again by toggle on/off as shown below.</p>  <p>Best Practice: Utilize <code>configNetwork</code> script available in ASP R6.0.0.4.0.</p>
ACP1XX-2097	ASP R6.0.0.3, R6.0.0.4.0	After installing SSP, the SUCCESS message displayed references <i>Update bundle</i> instead of <i>SSP</i> .	N/A – As long as the result states SUCCESS it is ok to proceed as this is a cosmetic issue. Future release will change the wording to be specific to the SSP.
ACP1XX-2098	ASP R6.0.0.3, R6.0.0.4.0	After an SSP is installed, the output of the “swversion” or “swversion -a” command displays as “SSP_N” under the listing for “Updates Installed in the system”.	N/A – cosmetic issue only. Future release will change SSP_N to SSP#N for the output to be consistent.
ACP1XX-2000	ASP R6.0.x	VM’s emulated machine version in Cockpit UI differs from VM guest OS displayed	Red Hat has confirmed that this is not a bug. The emulated machine version in Cockpit is not intended to match the guest OS. Per the RHEL support team: <i>It’s the QEMU machine type and can be thought of as the virtual motherboard and chipset for the VM. It defines the core hardware and features that QEMU emulates for the guest operating system to interact with.</i>
ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section “Potential Vulnerabilities” in this document.
ACP1XX-1519	ASP R6.0.0.x	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments.	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker
ACP1XX-1535	ASP R6.0.0.x	A new storage pool “NVRAM” is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	<p>Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081.</p> <p>Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than ‘NO’ and is not capable of understanding the fix implemented by Red Hat.</p> <p>False-Positive it can be ignored.</p>

QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw. Not Applicable.
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8. Not Applicable.
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.
QID: 38903 Associated CVEs: CVE-2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat does not consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .
QID: 38919 Associated CVEs: CVE-2023-51767	ASP R6.0.x	OpenSSH Authentication Bypass Vulnerability	Red Hat does not plan to provide a fix for RHEL 8.
QID: 38919 Associated CVEs: CVE-2025-26465	ASP R6.0.x	OpenSSH Security Update	Red Hat does not plan to provide a fix for RHEL 8.

Known issues and workarounds in Release R6.0.0.3.0

ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-2448	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	Warning message on Cockpit UI under Virtual Machines that displays as: <i>Failed to fetch some resources</i> <i>Internal error: failed to get number of host interfaces: unspecified error – errors in loading some config files.</i>	Third party issue – cosmetic only. This error message on the Cockpit UI can be ignored as it does not impact any feature/functionality.
N/A	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	installVM aborts or is interrupted during the application installation	If the installVM script aborts or is interrupted during the application installation, assess /images directory and manually remove any artifacts (qcow files) related to the failed deployment. Otherwise, the same name will not be able to be used when trying to redeploy.
ACP1XX-2110	ASP R6.0.0.1, R6.0.0.1.1,	Changing Bridge name causes port disconnect/removal when using Cockpit	Workaround until vendor fixes issues is to manually edit bridge again and add the corresponding interface back to the bridge. Note: Prior to changing a bridge label, user MUST note down existing interface members associated to bridge.

	R6.0.0.2.0, R6.0.0.3.0		
ACP1XX-2107	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	Unable to connect newly created bridge to VM via cockpit	Refresh the Cockpit UI webpage and the new bridge will be displayed.
ACP1XX-2103	ASP R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0	IP changes to an inactive bridge using cockpit triggers an Oops! on the networking page. Networking page gets blank and nothing can be done unless page is refreshed.	Page must be refreshed to gain access again to networking tab. Manually enable the bridge again by toggle on/off as shown below. 
ACP1XX-2097	ASP R6.0.0.3	After installing SSP, the SUCCESS message displayed references <i>Update bundle</i> instead of <i>SSP</i> .	N/A – As long as the result states SUCCESS it is ok to proceed as this is a cosmetic issue. Future release will change the wording to be specific to the SSP.
ACP1XX-2098	ASP R6.0.0.3	After an SSP is installed, the output of the “swversion” or “swversion -a” command displays as “SSP_N” under the listing for “Updates Installed in the system”.	N/A – cosmetic issue only. Future release will change SSP_N to SSP#N for the output to be consistent.
ACP1XX-2000	ASP R6.0.x	VM’s emulated machine version in Cockpit UI differs from VM guest OS displayed	Red Hat has confirmed that this is not a bug. The emulated machine version in Cockpit is not intended to match the guest OS. Per the RHEL support team: <i>It’s the QEMU machine type and can be thought of as the virtual motherboard and chipset for the VM. It defines the core hardware and features that QEMU emulates for the guest operating system to interact with.</i> ”
ACP1XX-1948	ASP R6.0.x	SSH session terminated after 1 st login failure with putty even when correct password is provided on 2 nd attempt. Other clients may terminate at the first login failure. Happens only if EASG is enabled.	Re-establish the SSH session and enter the correct password.
ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section “Potential Vulnerabilities” in this document.
ACP1XX-1519	ASP R6.0.0.x	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments.	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker

ACP1XX-1535	ASP R6.0.0.x	A new storage pool "NVRAM" is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081 . Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than 'NO' and is not capable of understanding the fix implemented by Red Hat. False-Positive it can be ignored.
QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw. Not Applicable.
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8. Not Applicable.
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.
QID: 38903 Associated CVEs: CVE-2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat does not consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .
QID: 38919 Associated CVEs: CVE-2023-51767	ASP R6.0.x	OpenSSH Authentication Bypass Vulnerability	Red Hat does not plan to provide a fix for RHEL 8.
QID: 38919 Associated CVEs: CVE-2025-26465	ASP R6.0.x	OpenSSH Security Update	Red Hat does not plan to provide a fix for RHEL 8.

Known issues and workarounds in Release R6.0.0.2.0

ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-2448	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0,	Warning message on Cockpit UI under	Third party issue – cosmetic only. This error message on the Cockpit UI can be ignored as it does not impact any feature/functionality.

	R6.0.0.4.0	Virtual Machines that displays as: <i>Failed to fetch some resources</i> <i>Internal error: failed to get number of host interfaces: unspecified error – errors in loading some config files.</i>	
N/A	ASP R6.0.0.1, R6.0.0.1.1	installVM aborts or is interrupted during the application installation	If the installVM script aborts or is interrupted during the application installation, assess /images directory and manually remove any artifacts (qcow files) related to the failed deployment. Otherwise, the same name will not be able to be used when trying to redeploy.
ACP1XX-2000	ASP R6.0.x	VM's emulated machine version in Cockpit UI differs from VM guest OS displayed	Red Hat has confirmed that this is not a bug. The emulated machine version in Cockpit is not intended to match the guest OS. Per the RHEL support team: <i>It's the QEMU machine type and can be thought of as the virtual motherboard and chipset for the VM. It defines the core hardware and features that QEMU emulates for the guest operating system to interact with.</i>
ACP1XX-1948	ASP R6.0.x	SSH session terminated after 1 st login failure with putty even when correct password is provided on 2 nd attempt. Other clients may terminate at the first login failure. Happens only if EASG is enabled.	Re-establish the SSH session and enter the correct password.
ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section "Potential Vulnerabilities" in this document.
ACP1XX-1519	ASP R6.0.0.x	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments.	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker
ACP1XX-1535	ASP R6.0.0.x	A new storage pool "NVRAM" is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081 . Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than "NO" and is not capable of understanding the fix implemented by Red Hat.

			False-Positive it can be ignored.
QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw. Not Applicable.
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8. Not Applicable.
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.
QID: 38903 Associated CVEs: CVE-2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat does not consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .
QID: 38919 Associated CVEs: CVE-2023-51767	ASP R6.0.x	OpenSSH Authentication Bypass Vulnerability	Red Hat does not plan to provide a fix for RHEL 8.
QID: 38919 Associated CVEs: CVE-2025-26465	ASP R6.0.x	OpenSSH Security Update	Red Hat does not plan to provide a fix for RHEL 8.

Known issues and workarounds in Release R6.0.0.1.1

ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-2448	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0, R6.0.0.4.0	Warning message on Cockpit UI under Virtual Machines that displays as: <i>Failed to fetch some resources</i> <i>Internal error: failed to get number of host interfaces: unspecified error – errors in loading some config files.</i>	Third party issue – cosmetic only. This error message on the Cockpit UI can be ignored as it does not impact any feature/functionality.
N/A	ASP R6.0.0.1, R6.0.0.1.1	installVM aborts or is interrupted during the application installation	If the installVM script aborts or is interrupted during the application installation, assess /images directory and manually remove any artifacts (qcow files) related to the failed deployment. Otherwise, the same name will not be able to be used when trying to redeploy.

ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section "Potential Vulnerabilities" in this document.
ACP1XX-1519	ASP R6.0.0.x	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker
ACP1XX-1535	ASP R6.0.0.x	A new storage pool "NVRAM" is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081 . Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than 'NO' and is not capable of understanding the fix implemented by Red Hat. False-Positive it can be ignored.
QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw. Not Applicable.
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8. Not Applicable.
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.
QID: 38903 Associated CVEs: CVE-2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat doesn't consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .

Known issues and workarounds in Release R6.0.0.1.0

ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-2448	ASP R6.0.0.1, R6.0.0.1.1, R6.0.0.2.0, R6.0.0.3.0,	Warning message on Cockpit UI under Virtual Machines that displays as:	Third party issue – cosmetic only. This error message on the Cockpit UI can be ignored as it does not impact any feature/functionality.

	R6.0.0.4.0	<p><i>Failed to fetch some resources</i></p> <p><i>Internal error: failed to get number of host interfaces: unspecified error – errors in loading some config files.</i></p>	
N/A	ASP R6.0.0.1	installVM aborts or is interrupted during the application installation	If the installVM script aborts or is interrupted during the application installation, assess /images directory and manually remove any artifacts (qcow files) related to the failed deployment. Otherwise, the same name will not be able to be used when trying to redeploy.
ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section “Potential Vulnerabilities” in this document.
ACP1XX-1519	ASP R6.0.0.x	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker
ACP1XX-1535	ASP R6.0.0.x	A new storage pool "NVRAM" is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	<p>Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081.</p> <p>Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than ‘NO’ and is not capable of understanding the fix implemented by Red Hat.</p> <p>False-Positive it can be ignored.</p>
QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	<p>The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw.</p> <p>Not Applicable.</p>
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	<p>Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8.</p> <p>Not Applicable.</p>
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.

QID: 38903 Associated CVEs: CVE- 2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat doesn't consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .
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Known issues and workarounds in Release R6.0.0.0

ID	Minimum conditions	Visible symptoms	Workaround
ACP1XX-1529	ASP R6.0.x	Scanners may flag older kernels that are not in use.	See the section "Potential Vulnerabilities" in this document.
ACP1XX-1527	ASP R6.0.0.0	Multiple VLANs not currently supported	N/A – detailed instructions for configuration are currently under test. Documentation will be updated when available.
ACP1XX-1519	ASP R6.0.0.0	Memory usage for Windows VM will show 100% or greater in Cockpit UI. This is also seen on some Linux application deployments	Cosmetic issue only. Red Hat is aware and has agreed this is a bug in the Cockpit UI. Reference [RHEL-87776] [BUG] Cockpit-machines shows the maximum value that a VM has used, and does not decrease as VM memory decreases - Red Hat Issue Tracker
ACP1XX-1540	ASP R6.0.0.0	Cockpit UI shows unknown for Windows VM IP address	Testing and procedure to address this in progress. Does not impact the functionality of the system.
ACP1XX-1535	ASP R6.0.0.0	A new storage pool "NVRAM" is created when cloning virtual machine with UEFI Firmware	Expected behavior for KVM when VMs are set to UEFI firmware. Do not delete, remove, modify this storage pool.
NA	ASP R6.0.x	If EASG is enabled, two failed password attempts will disconnect user from the system. This differs from the standard 3 failed password attempts.	For awareness only. Total number of login attempts is cumulative across the CLI and Cockpit. After the 5 th failed login attempt, user will need to wait 10 minutes to try again.
NA	ASP R6.0.x	SOS logs may fill up /var/tmp and /home/custadm directories	Follow documented procedures in <i>Installing the Avaya Solutions Platform 130 Series R6.0.x</i> to delete SOS reports from the host after they are downloaded to a local machine.
ACP1XX-1507	ASP R6.0.x	When configuring network parameters, invalid domain name will flag BOTH hostname and domain as invalid	For awareness only. This is working as designed.
ACP1XX-1508	ASP R6.0.0.0	setNonOobAccess returns "OOOBM firewall....."	Cosmetic issue only. Will be updated to "OOBM" from "OOOBM" in a future release.

ACP1XX-1510	ASP R6.0.x	Network Configuration displays Connected for the Services Port during KVM on RHEL installation even when there are no wires connected to server	Depending on the Hardware platform, the services port will show connected during KVM on RHEL installation even if there is no physical wire connected: R660xs: Wired eno8403 Connected R640: Wired eno2 Connected S8300: Wired enp1s0 Connected There is no negative impact to feature/functionality.
NA	ASP R6.0.x	Below messages are seen on console and /var/log/messages: megaraid_sas : firmware crash dump is not available	For awareness only. Per Red Hat, these messages should have no impact on the system and can be ignored. Ongoing discussions with the vendor for clarity.
QUALYS scan related issues			
QID: 86729 Associated CVEs: N/A	ASP R6.0.x	AutoComplete Attribute Not Disabled for Password in Form Based Authentication	Vendor flagged vulnerability as a bug fix and enhancement with cockpit thus releasing an update with Cockpit for RHEL 8.10 as described in https://access.redhat.com/errata/RHBA-2023:7081 . Qualys will continue to flag this vulnerability as it is reading the attribute to something different other than 'NO' and is not capable of understanding the fix implemented by Red Hat. False-Positive it can be ignored.
QID: 38773 Associated CVEs: CVE-2019-16905	ASP R6.0.x	OpenSSH Integer overflow Vulnerability	The versions of OpenSSH package shipped with Red Hat products do not enable support for XMSS and therefore are not affected by this flaw. Not Applicable.
QID: 38868 Associated CVEs: CVE-2021-41617	ASP R6.0.x	OpenSSH Privilege Escalation Vulnerability	Neither the AuthorizedKeysCommand directive nor AuthorizedPrincipalsCommand are enabled by default in the versions of OpenSSH as shipped with Red Hat Enterprise Linux 7 and 8. Not Applicable.
QID: 38900 Associated CVEs: CVE-2021-36368	ASP R6.0.x	OpenSSH Public-Key Authentication Vulnerability	Red Hat Product Security does not consider this to be a vulnerability.
QID: 38903 Associated CVEs: CVE-2016-20012	ASP R6.0.x	OpenSSH Probable User Enumeration Vulnerability	Although a CVE was assigned upstream, Red Hat doesn't consider it to be a security flaw and won't receive any patch, also the CVE was made as disputed by MITRE. Red Hat is closing this flaw as NOTABUG .

Resources

Documentation

List of documentation available for the Avaya Solutions Platform R6.0.x solution. Documents can be located on the Avaya Support Website: <https://support.avaya.com>

Title	Description
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<i>Avaya Solutions Platform 130/S8300 Overview and Specification</i>	Describes the key features of Avaya Solutions Platform.
<i>Installing, Maintaining, and Troubleshooting Avaya Solutions Platform S8300</i>	Describes how to install, maintain, and troubleshoot Avaya Solutions Platform S8300.
<i>Installing the Avaya Solutions Platform 130 Series</i>	Describes how to install Avaya Solutions Platform 13 Describes how to install Avaya Solutions Platform 130 Series 6.0.x.0 Series 6.0.x.
<i>Maintaining and Troubleshooting the Avaya Solutions Platform 130 Series 6.0.x</i>	Describes procedures to maintain and troubleshoot Avaya Solutions Platform 130 Series 6.0.x.
<i>Avaya Solutions Platform S8300 6.0.x Release Notes</i>	Release Notes.
<i>Avaya Solutions Platform 130 6.0.x Release Notes</i>	Release Notes.
<i>PCN2174Su - Avaya Solutions Platform S8300 6.0.x</i>	Product Correction Notice (PCN) introducing the ASP S8300 R6.0.x software and subsequent Service Packs.
<i>PCN2180Su - Avaya Solutions Platform S8300 6.0 SSP</i>	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.
<i>PCN2173Su - Avaya Solutions Platform 130 6.0.x</i>	Product Correction Notice (PCN) introducing the ASP 130 R6.0.x software and subsequent Service Packs.
<i>PCN2179Su - Avaya Solutions Platform 130 6.0 SSP</i>	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.
<i>Avaya Solutions Platform R6.0.x Security Service Pack Installation Application Note</i>	Instructions for installing ASP Security Service Packs (SSPs).
<i>ASP 130 R6.0.0.4.0 and Later VLAN & VLAN TRUNKING CONFIGURATION GUIDE</i>	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.
<i>ASP 130 R6.0.0.3.0 and Earlier VLAN & VLAN TRUNKING CONFIGURATION GUIDE</i>	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.
<i>Port Matrix for ASP S8300</i>	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.
<i>Port Matrix for ASP 130</i>	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
<i>Policies for technical support of the Avaya Solutions Platform (ASP) 130 and S8300E R6.0.x</i>	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.
<i>Avaya Solutions Platform 130 Series iDRAC9 Best Practices</i>	Describes the best practices of using the Integrated Dell Remote Access Controller (iDRAC).
<i>PSN027113u - Avaya Solutions Platform 100 Series Dell® R660xs Avaya Certified BIOS/Firmware Update, Version 2</i>	Always check for a newer version of Avaya certified BIOS/Firmware. New PSNs are published for each new release.
<i>PSN027112u - Avaya Solutions Platform 100 Series Dell® R640 Avaya Certified BIOS/Firmware Update, Version 16</i>	Always check for a newer version of Avaya certified BIOS/Firmware. New PSNs are published for each new release.
<i>Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.x.0 documents listed below</i>	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.
<i>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)</i>	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.
<i>Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.3.0 (RHEL 8.10) from R6.0.x (RHEL 8.10)</i>	
<i>Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.2.0 (RHEL 8.10) from R6.0.x (RHEL 8.10)</i>	
<i>Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.1.1 (RHEL 8.10) from R6.0.x (RHEL 8.10)</i>	
<i>Avaya Solutions Platform 130 & S8300 Series Updating to R6.0.0.1 (RHEL 8.10) from R6.0.x (RHEL 8.10)</i>	
<i>Documents for migrating from AVP and older ASP R5.x EOMS releases can be found on support.avaya.com.</i>	

Support

Go to the Avaya Support website at <https://support.avaya.com> for the most up-to-date documentation, product notices and knowledge base articles. You can also search for release notes, downloads, and resolutions to issues. Use the online service request system to create a service request (SR). 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.

Subscribing to e-notifications

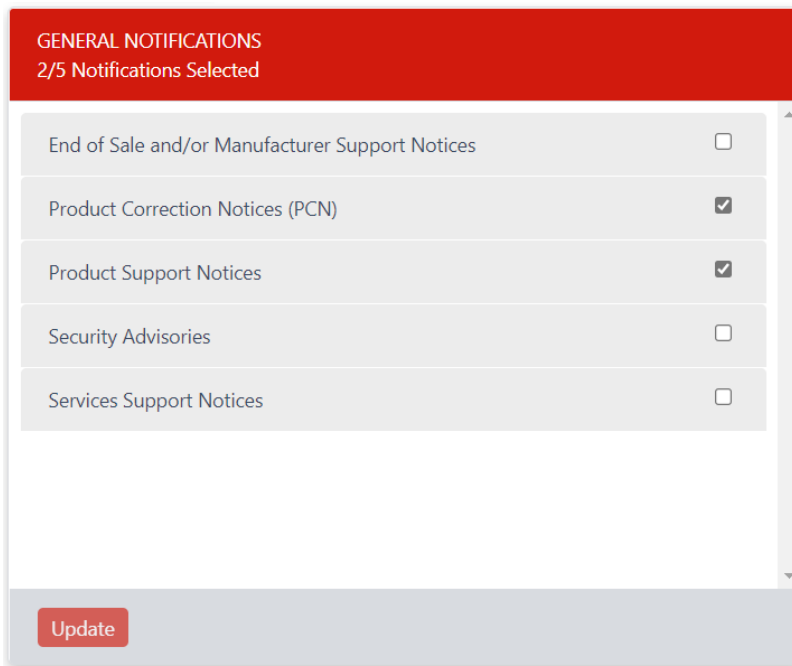
Subscribe to e-notifications to receive an email notification when documents are added to or changed on the Avaya Support website.

About this task

You can subscribe to different types of general notifications, for example, Product Correction Notices (PCN), which apply to any product or a specific product. You can also subscribe to specific types of documentation for a specific product, for example, Product Support Notices for Avaya Solutions Platform.

Procedure

1. In an Internet browser, go to <https://support.avaya.com>.
2. Type your username and password, and then click **Login**.
3. At the top-right select the user, select **My SSO Profile**.
4. Under **User Profile**, select **E-Notification**.
5. In the **General Notification** area, select the required documentation types and then click **Update**.



The screenshot shows a web interface for selecting general notifications. At the top, a red header bar contains the text "GENERAL NOTIFICATIONS" and "2/5 Notifications Selected". Below this is a list of notification types, each with a checkbox:

End of Sale and/or Manufacturer Support Notices	<input type="checkbox"/>
Product Correction Notices (PCN)	<input checked="" type="checkbox"/>
Product Support Notices	<input checked="" type="checkbox"/>
Security Advisories	<input type="checkbox"/>
Services Support Notices	<input type="checkbox"/>

At the bottom of the list is a red "Update" button.

6. It is displayed that the General notification has been updated successfully.
7. In the Product notifications area, click **Add More Products**.



The screenshot shows a red header bar for the "PRODUCT NOTIFICATIONS" section. On the left, there is a "Show Details" link with a small square icon. On the right, there is a link for "Add More Products" and a counter showing "0 Notices".

8. Scroll through the list, and then select the product name.
9. Select the release version.
10. Select the check box next to the required documentation types.

E-NOTIFICATIONS / ADD MORE PRODUCTS

PRODUCTS ←

Avaya Solutions Platform

Avaya Solutions Platform

Avaya Solutions Platform

All and Future Releases ▼ Select a Release Version

End of Sale and/or Manufacturer Support Notices	<input checked="" type="checkbox"/>
Installation, Migrations, Upgrades and Configurations	<input checked="" type="checkbox"/>
Interactive Documentation and Online Training	<input type="checkbox"/>
Maintenance	<input type="checkbox"/>
Overview	<input checked="" type="checkbox"/>
Product Correction Notices (PCN)	<input checked="" type="checkbox"/>
Product Downloads	<input type="checkbox"/>
Product Support Notices	<input checked="" type="checkbox"/>

Submit >>

11. Click **Submit**.