Subscriptions   Downloads   Containers   Support Cases

Red Hat Enterprise Linux for SAP offerings on Amazon Web Services FAQ

Updated October 21 2022 at 3:02 PM - English ▾

What are the differences between Red Hat Enterprise Linux for SAP Solutions and Red Hat Enterprise Linux for SAP with High Availability and Update Services?

RHEL for SAP with High Availability and Update Services (RHEL for SAP with HA and US) is an offering available in the AWS Marketplace. RHEL for SAP Solutions is a commercial SKU certified on AWS that customers can purchase directly from Red Hat and Red Hat channel partners and use Red Hat Cloud Access to register their subscriptions.

Please note that the rh-amazon-rhui-client-ANY package is only relevant in the PAYG model (and only in AWS). If you are using RHSM (anywhere), you do not need RHUI.

What components are included in RHEL for SAP with High Availability and Update Services on Amazon Web Services?

RHEL for SAP with High Availability and Update Services offers the following components:

- SAP specific technical components to support S/4HANA, SAP HANA, and SAP Business Applications
- High Availability solutions for S/4HANA, SAP HANA, and SAP Business Applications
- Update Services for SAP Solutions, that provides update services and support on specified minor releases for 4 years from General Availability.
- Extended Update Support (EUS) for versions that do not have Update Services for SAP Solutions. EUS provides support on specific minor releases for 2 years from General Availability.
- Red Hat Insights for proactive optimization

What components are included in RHEL for SAP Solutions on Amazon Web Services?

RHEL for SAP Solutions offers the following components:

- SAP specific technical components to support S/4HANA, SAP HANA, and SAP Business Apps
- High Availability solutions for S/4HANA, SAP HANA, and SAP Business Applications
- Update Services for SAP Solutions, that provides support on specified minor releases for 4 years from General Availability.
- Extended Update Support (EUS) for versions that do not have Update Services for SAP Solutions. EUS provides support on specific minor releases for 2 years from General Availability.
- Red Hat Insights for proactive optimization
- Smart Management for lifecycle management

When should my customer use RHEL for SAP Solutions or RHEL for SAP with High Availability and Update Services?

- Customers wishing to purchase directly from the AWS marketplace ('Pay As You Go', PAYG) will be required to purchase RHEL for SAP with High Availability and Update Services.
- Customers who wish to have an existing Red Hat subscription, purchase directly from Red Hat or Red Hat channel partners ('Bring Your Own Subscription', BYOS) can purchase RHEL for SAP Solutions. RHEL for SAP Solutions can only be consumed with Red Hat Cloud Access on AWS.
- Customers who require Smart Management will be required to purchase RHEL for SAP Solutions through Red Hat Cloud Access.

Included component features for each Red Hat SAP offering

	RHEL for SAP with HA and US (AWS Marketplace)	**RHEL for SAP Solutions (Cloud Access)**
Support S/4HANA, SAP HANA, and SAP Business Apps	✔	✔
High Availability	✔	✔
Update Services	✔	✔

	RHEL for SAP with HA and US (AWS Marketplace)	RHEL for SAP Solutions (Cloud Access)
Extended Update Support (EUS)	✔	✔
Red Hat Insights	✔	✔
Smart Management		✔

Red Hat SAP offerings on AWS Marketplace and Red Hat Cloud Access

Red Hat Enterprise Linux Version	RHEL for SAP with HA & Update Services	SAP Solutions Cloud Access
6.10 (Outdated)	✔	✔
7.4 (Outdated)	✔	✔
7.5 (Outdated)	✔	✔
7.6 (Outdated)	✔	✔
7.7	✔	✔
7.9	✔	✔
8.1	✔	✔
8.2	✔	✔
8.4	✔	✔
8.6	✔	✔

RHEL Lifecycle Support

Availability of RHEL Extended Update Support

RHEL Version	Extended Update Support (EUS) – Up to two (2) years of extended update support	Update Services (E4S) – Up to four (4) years of extended update support
6.10 (Outdated)	✔	✔
7.3 (Outdated)	✔	✔
7.4 (Outdated)	✔	✔
7.5 (Outdated)	✔	
7.6 (Outdated)	✔	✔
7.7	✔	✔
7.9	✔	✔
8.1	✔	
8.2	✔	✔
8.4	✔	✔
8.6	✔	✔

What are the differences between EUS and E4S?

Extended Update Support (EUS) provides up to two (2) years of extended update support. Update Services (E4S) provides up to four (4) years of update services from general availability (GA) date. RHEL for SAP with HA and US (7.4) is the first solution provided with the four (4) year support. Update Services (E4S) is available in both RHEL For SAP with HA and US and SAP Solutions.

Extended Update Services allows customers the flexibility to decide when to take advantage of new Red Hat Enterprise Linux features, including new hardware enablement.

When is the End Date for RHEL for SAP?

Lifecycle of Update Services for SAP Solutions Add-on

End Date of RHEL for SAP, defined by Red Hat Enterprise Linux Life Cycle

Red Hat Enterprise Linux for SAP Version	End Date
6.10 (Outdated)	November 30, 2020
7.3 (Outdated)	November 30, 2020
7.4 (Outdated)	August 31, 2021
7.5 (Outdated)	April 30, 2020*
7.6 (Outdated)	October 31, 2022
7.7	August 30, 2023
7.9	Final RHEL 7 release and maintenance is defined by the Maintenance Support 2 Phase policy.
8.1	November 30, 2023
8.2	April 30, 2024
8.4	May 30, 2025
8.6	Mid, 2026

RED HAT CLOUD ACCESS

The Red Hat Cloud Access program allows customers to move their Red Hat subscriptions from physical or on-premise systems onto specific, certified cloud providers with full support from Red Hat.

Which Red Hat Offerings for SAP are available in the Cloud Access program?

See Red Hat Enterprise Linux for SAP Solutions for more information.

How does my customer use the Cloud Access program?

See Red Hat Cloud Access for more information.

How do customers receive updates using Satellite in Cloud Access?

Satellite 6.3+ is fully supported running in EC2. See Running Satellite 6 in AWS for more information on possible scenarios during the deployment of a Satellite in Amazon EC2.

OTHER INFO

How to Perform Update of RHEL for SAP with High Availability and Update Services from 7.5 to 7.6 on AWS

See How to Perform Update of RHEL for SAP with High Availability and Update Services from 7.5 to 7.6 on Amazon Web Services for more information.

Which AWS offerings (Instance types) are certified by SAP for SAP HANA on AWS?

See SAP HANA Certified and Supported Hardware Directory for a list of SAP certified Amazon EC2 Instance types for SAP HANA workloads.

My customer would like to use RedHat Gold Images with Cloud Access, which AMI versions are available for RHEL for SAP Solutions?

Red Hat Gold Images are available through Red Hat Cloud Access for customers using Amazon Web Services (AWS). Red Hat Cloud Access is used to migrate qualified Red Hat subscriptions to Red Hat Certified Cloud and Service Providers (CCSPs) including AWS. See How to Locate Red Hat Cloud Access Gold Images on AWS EC2 for more information.

How can customers configure High Availability for SAP on AWS using the RHEL HA Add-On?

- Configure SAP Netweaver ASCS/ERS ENSA1 on Amazon Web Services (AWS)
- Configure SAP S/4HANA ASCS/ERS ENSA2 on Amazon Web Services (AWS)
- Configure SAP HANA Scale-Up System Replication with Pacemaker on Amazon Web Services (AWS)

How does the customer configure Red Hat Insights on AWS?

Red Hat Insights can now be deployed for users with existing, cloud marketplace-purchased Red Hat Enterprise Linux (RHEL) system managed by Red Hat Update Infrastructure (RHUI).

See Red Hat Insights on Red Hat Enterprise Linux (RHEL) in the Public Cloud for more information.

How does the customer get started using SAP on AWS?

Customers can deploy SAP with RHEL for SAP HANA or RHEL for SAP with HA and US using AWS QuickStart for SAP HANA. See SAP HANA on AWS - Quick Start for more details.

How do customers get updates and regular patches for AWS EC2 instances running RHEL?

Red Hat Update Infrastructure (RHUI) is maintained by Red Hat in each AWS region and can be accessed to get regular updates and patches. Red Hat Enterprise Linux PAYG instances will have access to the regional repositories to receive incremental updates and is included in the cost.

Cloud Access customers will connect to the Red Hat Customer Portal or their own Red Hat Satellite servers to access all errata and updates to ensure security and quality.

What are the related SAP Notes or kbase articles, or AWS docs?

- SAP HANA Hardware Directory - Amazon Web Services
- SAP Note 936887 - End of maintenance for Linux distributions
- SAP Note 2407244 - Ensuring OS/HANA compatibility during upgrade of HANA/OS _ SAP Note 2235581 - SAP HANA: Supported Operating Systems
- SAP Note 1908655 - Support details for Red Hat Enterprise Linux HA Add-On
- SAP Note 1656099 - SAP Applications on AWS: Supported DB/OS and AWS EC2 products
- Technical Resources for SAP HANA and Data Hub on Red Hat
- How to Perform Update of RHEL for SAP with High Availability and Update Services from 7.5 to 7.6 on Amazon Web Services
- How to Perform Update of RHEL for SAP with High Availability and Update Services from 7.7 to 7.9 on Amazon Web Services
- AWS RHEL FAQ

Tags   **AWS**   **sap**   **Article Type**   **General**

Comments

 LOG IN TO COMMENT