2009879 - SAP HANA Guidelines for Red Hat Enterprise Linux (RHEL) Operating System

Version	25	**Type**	SAP Note
Language	English	**Master Language**	English
Priority	Recommendations / Additional Info	**Category**	Installation information
Release Status	Released for Customer	**Released On**	25.06.2020
Component	HAN-DB (SAP HANA Database)		

Please find the original document at **https://launchpad.support.sap.com/#/notes/ 2009879**

Symptom

You want to install the SAP HANA on Red Hat Enterprise Linux (RHEL)

Other Terms

SAP HANA Operating System, RHEL

Reason and Prerequisites

For a list of all current SAP HANA supported versions of Red Hat Enterprise Linux (RHEL), please consult SAP Note 2235581.

Extended Update Support with RHEL for SAP HANA

Red Hat provides Extended Update Support as part of the Red Hat Enterprise Linux for SAP HANA product. Customers with eligable subscriptions to RHEL for SAP HANA are able to remain on a specific, certified minor release and continue to receive security updates and bug fixes for a full 24 months after product general availability (GA). It is strongly advised that customers configure their systems for updates to be applied only with Linux Kernels and packages from corresponding EUS repositories, doing so will ensure systems remain at a release level which does not invalidate SAP HANA certification.

More information on RHEL product lifecycles and EUS are available on the Red Hat Enterprise Linux Life Cycle page.

Technical details on how to access the Extended Update Support channel and download the software are documented in the Red Hat Knowledgebase article; How to subscribe RHEL6 SAP HANA system to Extended Update Support (EUS) channel?

Solution

Check the attached documents for recommended OS settings for:

1. **SAP HANA SPS 11 running on RHEL 6.X**
2. **SAP HANA SPS 12 running on RHEL 6.X**
3. **SAP HANA SPS 12 running on RHEL 7.X**
4. **SAP HANA 2.0 running on RHEL 7.x**

For RHEL 8, please check SAP notes 2772999 and 2777782 for all required and recommended OS packages and settings for SAP HANA.

Software Components

Software Component	Release
HDB	1.00 - 1.00
HDB	2.00 - 2.00

Other Components

Component	Description
BC-OP-LNX-RH	Red Hat Linux

This document refers to

SAP Note/KBA	Title
784391	SAP support terms and 3rd-party Linux kernel drivers
2228351	Linux: SAP HANA Database SPS 11 revision 110 (or higher) on RHEL 6 or SLES 11
2013638	SAP HANA DB: Recommended OS settings for RHEL 6.5
2004651	SAP HANA Platform SPS 08 Release Note
2001528	Linux: SAP HANA Database SPS 08, SPS 09 and SPS 10 on RHEL 6 or SLES 11
1944799	SAP HANA Guidelines for SLES Operating System Installation
1730999	Configuration changes to SAP HANA system
171356	SAP Software on Linux: General information
1658845	Recently certified SAP HANA hardware/OS not recognized

This document is referenced by

SAP Note/KBA	Title

2000003	FAQ: SAP HANA
2890314	Is HANA db reinstallation required in case of OS upgrade
2777782	SAP HANA DB: Recommended OS Settings for RHEL 8
2235581	SAP HANA: Supported Operating Systems
2369910	SAP Software on Linux: General information
405827	Linux: Recommended file systems
2292690	SAP HANA DB: Recommended OS settings for RHEL 7
1943937	Hardware Configuration Check Tool - Central Note
1953429	SAP HANA and SAP NetWeaver AS ABAP on one Server
1944799	SAP HANA Guidelines for SLES Operating System Installation
1730999	Configuration changes to SAP HANA system
2694292	SAP HANA DB: Recommended OS settings for RHEL 6.10
2247020	SAP HANA DB: Recommended OS settings for RHEL 6.7
2136965	SAP HANA DB: Recommended OS settings for RHEL 6.6
2013638	SAP HANA DB: Recommended OS settings for RHEL 6.5
2004651	SAP HANA Platform SPS 08 Release Note

Attachments

File Name	File Size	Mime Type
hana_sps11_Red_Hat_Enterprise_Linux_RHEL_6_x_Configuration_Guide_for_SAP_HANA_en.pdf	1351	application/pdf
hana_sps12_Red_Hat_Enterprise_Linux_RHEL_6_x_Configuration_Guide_for_SAP_HANA_en.pdf	1352	application/pdf
hana_sps12_Red_Hat_Enterprise_Linux_RHEL_7_x_Configuration_Guide_for_SAP_HANA_en.pdf	1349	application/pdf
hana_20_Red_Hat_Enterprise_Linux_RHEL_7_x_Configuration_Guide_for_SAP_HANA_en.pdf	821	application/pdf