Red Hat High Availability Clustering for SAP Solutions

Kód kurzu: RH445

Od ledna 2026 je možné za původních podmínek zakoupit pouze prezenční Red Hat školení. Virtuální kurzy (VT) jsou dostupné výhradně v rámci ročního předplatného RHLS Course.Jak si naplánovat virtuální kurz v Red Hat Learning Subscription Course naleznete zde.
Deploy SAP HANA on Red Hat Enterprise Linux for SAP Solutions in a high availability environment.Learn how to deploy, protect, and scale SAP infrastructure with Red Hat Enterprise Linux for SAP Solutions. This course teaches best practices for deploying SAP HANA and SAP S/4HANA in a high availability configuration. In addition, you will discover how to efficiently automate deployments with Red Hat Ansible Automation Platform and Red Hat supported Ansible roles specific to SAP.

Pro koho je kurz určen

Red Hat Enterprise Linux and SAP system administrators who need to support mission-critical SAP deployments in a high availability environment.

Co Vás naučíme

- Installing SAP HANA and S/4HANA on RHEL for SAP Solutions
- Configuring the high availability cluster by using RHEL HA solutions for SAP
- Using RHEL system roles and Red Hat Ansible collections for SAP HA cluster setup
- Describing SAP HA concepts and components to be managed
- Day 2 operations, including an introduction to troubleshooting and OS upgrade considerations

Požadované vstupní znalosti

Take our free assessment to gauge whether this offering is the best fit for your skills.

Students must have an SAP S-User with download permission

- https://community.sap.com/t5/crm-and-cx-blog-posts-by-sap/learn-all-about-s-user-ids/ba-p/13512009
- SAP customers can download the installers if they have the license for the software. SAP Partners get dev and test licenses. The install software is good for 90 days without license (time-bombed).

Complete the Red Hat Certified Engineer (RHCE) exam (EX294) or demonstrate equivalent Linux and Ansible experience.

Red Hat Enterprise Linux High Availability Clustering (RH436)

Osnova kurzu

Introduction

- Learn the basics of scaling SAP on Red Hat Enterprise Linux

Introducing SAP Architecture

- Learn about the products in the sap portfolio, and how to plan your deployment on Red Hat Enterprise Linux.

Explaining Red Hat Enterprise Linux for SAP Solutions

- Learn about the RHEL for SAP solutions offering, and how it differs from a standard RHEL entitlement. Learn about the components of high availability on RHEL.

Explaining SAP HANA System Replication

- System replication in SAP HANA, learn about the scale up and scale out resource agents, multitarget replication, and failover in SAP HANA with RHEL High Availability.

Explaining SAP NetWeaver and S/4 High Availability

- System replication with SAP NetWeaver and S/4, learn about the concepts of S/4HANA and NetWeaver in a Highly Available environment. Install the S/4 and NetWeaver resource agent. Learn about failover in these environments.

Automating SAP deployments with Ansible

- Automate deployments of HANA, NetWeaver, and S/4 with Red Hat Enterprise Linux System Roles.

Operation, Update, and Monitoring

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- During this chapter we'll focus on the necessary Day 2 operations such as updates, pacemaker maintenance, and monitoring. Activities like manual failover, perform acceptance tests and check status on the HA cluster will be crucial to maintain integrity and high availability of your highly available SAP environment.

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