RED HAT HIGH AVAILABILITY CLUSTERING FOR SAP SOLUTIONS (RH445)

Course Code: 832014

Learn how to deploy, protect, and scale SAP infrastructure with Red Hat Enterprise Linux for SAP Solutions.

Deploy SAP HANA on Red Hat Enterprise Linux for SAP Solutions in a high availability environment.

Course description

- 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.

Course content summary

- 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

What You'll Learn

Impact on the organization

- High availability clustering can improve reliability, availability, and resilience of your mission-critical services, resulting in reduced downtime and easier hardware maintenance. Red Hat Enterprise Linux High Availability solutions for SAP help to reduce planned and unplanned downtime in scale-up and scale-out SAP HANA, SAP S/4HANA, and SAP NetWeaver environments.

Impact on the individual

- As a result of attending this course, you will be able to successfully provision,

manage, and troubleshoot SAP HANA and S/4HANA high availability clusters that run on Red Hat Enterprise Linux for SAP Solutions.

Who Needs to Attend

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

Prerequisites

- 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](#)
- 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)

Technology considerations

- Internet access is required to download and license the SAP HANA Express Edition.

RED HAT HIGH AVAILABILITY CLUSTERING FOR SAP SOLUTIONS (RH445)

Course Code: 832014

VIRTUAL CLASSROOM LIVE	$7,931 CAD	5 Day

Virtual Classroom Live Outline

Module 1: Introduction

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

Module 2: Introducing SAP Architecture

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

Module 3: 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.

Module 4: 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.

Module 5: 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.

Module 6: Automating SAP deployments with Ansible

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

Module 7: Operation, Update, and Monitoring

- 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.

RED HAT HIGH AVAILABILITY CLUSTERING FOR SAP SOLUTIONS (RH445)

Course Code: 832014

ON-DEMAND	$6,742 CAD

On-Demand Outline

Module 1: Introduction

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

Module 2: Introducing SAP Architecture

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

Module 3: 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.

Module 4: 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.

Module 5: 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.

Module 6: Automating SAP deployments with Ansible

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

Module 7: Operation, Update, and Monitoring

- 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.

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.