Red Hat High Availability Clustering for SAP Solutions (RH445)

Category: Networking & Security | **Vendor:** Red Hat

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: EX294; Red Hat Certified Engineer (RHCE); RH436; RH445

Course Overview

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.

About This Course

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.

Who Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

- Students must have an SAP S-User with download permission
- Complete the Red Hat Certified Engineer (RHCE) exam (EX294) or demonstrate equivalent Linux and Ansible experience.
- Red Hat Enterprise Linux High Availability Clustering (RH436)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Detailed Course Outline

1 - Introduction

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

2 - Introducing SAP Architecture

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

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.

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.

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.

6 - Automating SAP deployments with Ansible

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

7 - Operation, Update, and Monitoring

- During this chapter well 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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- System replication in SAP HANA, and failover in SAP HANA with RHEL High Availability.

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- During this chapter we'll focus on the necessary Day 2 operations such as updates, 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.

Additional Course Details

Nexus Humans Red Hat High Availability Clustering for SAP Solutions (RH445) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Red Hat High Availability Clustering for SAP Solutions (RH445) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Red Hat High Availability Clustering for SAP Solutions (RH445)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: Which exam does this course prepare me for?

This course prepares you for the EX294; Red Hat Certified Engineer (RHCE); RH436; RH445 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day Red Hat High Availability Clustering for SAP Solutions (RH445) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Red Hat High Availability Clustering for SAP Solutions (RH445) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Red Hat High Availability Clustering for SAP Solutions (RH445)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat High Availability Clustering for SAP Solutions (RH445). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Red Hat High Availability Clustering for SAP Solutions (RH445)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Red Hat High Availability Clustering for SAP Solutions (RH445) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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