Managing CentOS Migrations and RHEL Upgrades

Course code: RH174

Learn how to migrate existing CentOS Linux servers to supported versions of Red Hat Enterprise Linux."Managing CentOS Migrations and RHEL Upgrades" will enable customers to transition successfully from CentOS Linux to Red Hat Enterprise Linux. It also enables them to upgrade from one major version of RHEL to the next. This course provides an overview of the migration process and discusses how to avoid and mitigate risks. "Managing CentOS Migrations and RHEL Upgrades" will help users to move from CentOS Linux to RHEL, or to upgrade to a newer version of RHEL.

Who is the course for

- System administrators
- DevOps engineers
- IT Professionals responsible for planning and performing the conversion

What we teach you

- Identifying the potential risks that are associated with the migration process and implementing a plan to avoid, mitigate, or remediate them
- Converting from CentOS Linux to Red Hat Enterprise Linux
- Performing in-place upgrades of Red Hat Enterprise Linux

Required skills

- Become a
- Red Hat Certified System Administrator (RHCSA)
- or demonstrate equivalent skills with RHEL and CentOS Linux

Course outline

- Plan the Conversion to Red Hat Enterprise Linux
- Explore why and how to convert CentOS Linux servers to RedHat Enterprise Linux, plan the conversion process, and install the required tools for conversion.
- Perform a Pre-conversion Analysis and Convert a Server
- Analyze a server to identify and remediate any issues that might cause problems with conversion, and then convert it to Red Hat Enterprise Linux.
- Verify and Troubleshoot a Converted Server
- Confirm that a conversion to RHEL completed successfully, and troubleshoot potential problems if it did not.
- Perform a Conversion to RHEL by using Red Hat Satellite
- Use Red Hat Satellite to convert a server from CentOS Linux to RHEL.
- Plan an In-place Upgrade of Red Hat Enterprise Linux
- Explain when to perform an in-place upgrade of Red Hat Enterprise Linux, what upgrade paths are supported, and what to consider when planning an upgrade.
- Prepare a Server for an In-place Upgrade
- Perform prerequisite steps to configure a server and to install the required software for an in-place upgrade of RHEL.
- Create and Review a Pre-upgrade Report
- Ensure that a server is ready to be upgraded by running, evaluating, and addressing the results of a pre-upgrade report.
- Upgrade Red Hat Enterprise Linux
- Run an in-place upgrade of Red Hat Enterprise Linux and be prepared to troubleshoot potential issues with the upgrade.
- Perform Post-upgrade Tasks and Verification
- Complete the upgrade by performing final tasks and verifying that the in-place upgrade succeeded.

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