

Red Hat Certified Specialist in Security



Online Course

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Course Modules



1. Use Red Hat Ansible® Engine

- o Install Red Hat Ansible Engine on a control node.
- o Configure managed nodes.
- o Configure simple inventories.
- o Perform basic management of systems.
- o Run a provided playbook against specified nodes.

2. Implement access controls for automation controller

- o Create & restrict an inventory to an automation ctrl user
- o Restrict a credential / a project to an automation ctrl user
- o Create and launch a template as an automation ctrl user

3. Configure intrusion detection

- o Install AIDE.
- o Configure AIDE to monitor critical system files.

4. Configure encrypted storage

- o Encrypt and decrypt block devices using LUKS.
- o Configure encrypted storage persistence using NBDE.
- o Change encrypted storage passphrases.



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5. Restrict USB devices

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- o Install USBGuard.
- o Write device policy rules with specific criteria
- o Manage administrative policy and daemon configuration.

6. Manage system login security

- o Configure password quality requirements.
- o Configure failed login policy.
- o Modify PAM configuration files and parameters.



7. Configure system auditing

- o Write rules to log auditable events.
- o Enable prepackaged rules.

8. Configure SELinux

- o Enable SELinux on a host running a simple application.
- o Interpret SELinux violations and determine remedial action.
- o Restrict user activity with SELinux user mappings.
- o Analyze and correct existing SELinux configurations.

9. Enforce security compliance

- o Install OpenSCAP and OpenSCAP Workbench.
- o Scan hosts for security compliance
- o Tailor security policy
- o Scan individual hosts for security compliance

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in terms of time management,
flexibility, and the ability
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