RH415 - Red Hat Security: Linux in Physical, Virtual, and Cloud

- **Manage security and risk**
  - Define strategies to manage security on Red Hat Enterprise Linux servers.

- **Automate configuration and remediation with Ansible**
  - Remediate configuration and security issues with Ansible Playbooks.

- **Protect data with LUKS and NBDE**
  - Encrypt data on storage devices with LUKS and use NBDE to manage automatic decryption when servers are booted.

- **Restrict USB device access**
  - Protect system from rogue USB device access with USBGuard.

- **Control authentication with PAM**
  - Manage authentication, authorization, session settings, and password controls by configuring pluggable authentication modules (PAMs).

- **Record system events with audit**
  - Record and inspect system events relevant to security, using the Linux kernel's audit subsystem and supporting tools.

- **Monitor file system changes**
  - Detect and analyze changes to a server's file systems and their contents using AIDE.

- **Mitigate risk with SELinux**
  - Improve security and confinement between processes by using SELinux and advanced SELinux techniques and analyses.

- **Manage compliance with OpenSCAP**
  - Evaluate and remediate a server's compliance with security policies by using OpenSCAP.

- **Automate compliance with Red Hat Satellite**
  - Automate and scale your ability to perform OpenSCAP checks and remediate compliance issues using Red Hat Satellite.

- **Analyze and remediate issues with Red Hat Insights**
  - Identify, detect, and correct common issues and security vulnerabilities with Red Hat Enterprise Linux systems by using Red Hat Insights.

- **Perform a comprehensive review**
  - Review the content covered in this course by completing hands-on review exercises.

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