### Plan Szkolenia:

- **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.

Exam.

Wymagania:

Red Hat recommends these prerequisites:

- Be a Red Hat Certified Engineer (RHCE), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience.

Poziom trudności

Certyfikaty:

Participants will obtain certificates signed by Red Hat.
Prowadzący:

Red Hat Certified Instructor.

Informacje dodatkowe:

Recommended next exam or course:

RH403 Red Hat Satellite 6 Administration
  - Recommended for those interested in learning more about Red Hat Satellite

DO407 Automation with Ansible I and DO409 Automation with Ansible II: Ansible Tower
  - Recommended for those who want to use DevOps practices to ensure security