



RED HAT TRAINING

Network Automation Red Hat Ansible Course Do458 Exam

Automate network infrastructure using Red Hat Ansible and prepare for the Do458 exam. Gain practical skills to streamline network operations.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of automated network management and prepare to ace the Red Hat Certified Specialist in Network Automation (EX458) exam with Computer Pride's focused Network Automation Red Hat Ansible Course Do458 Exam. This intensive, intermediate-level program is specifically crafted for network engineers and IT professionals who seek to validate their skills in automating network infrastructure using Red Hat Ansible Automation Platform. Rather than a foundational Ansible course, this module zeroes in on the practical application of Ansible to streamline complex network tasks, configure diverse network devices, and maintain operational consistency, all while aligning with the critical objectives of the DO458 certification exam. Throughout this course, you will solidify your understanding of constructing efficient Ansible playbooks for network devices, managing inventories, leveraging specialized network modules, implementing secure data handling with Ansible Vault, and mastering advanced templating techniques with Jinja2. By focusing on Red Hat's recommended practices and providing hands-on scenarios reflective of the exam environment, this course ensures you are thoroughly prepared to demonstrate your proficiency in automating configuration management, orchestration, and troubleshooting across various network components. Successfully completing this course and earning the Red Hat Certified Specialist in Network Automation certification significantly enhances your professional credibility. It demonstrates your ability to build and implement robust network automation solutions, translating directly into increased operational efficiency, reduced manual errors, and a clear competitive advantage in the rapidly evolving landscape of network engineering and DevOps.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

- 01 DO458 Exam Blueprint & Core Ansible Review for Networks**
 - Understanding the Red Hat DO458 Exam Objectives and structure
 - Rapid review of Ansible architecture and core concepts for network automation
 - Network inventory management and connection types
 - Key network-specific Ansible modules and collections
- 02 Advanced Playbook Construction and Network Configuration Management**
 - Designing and implementing idempotent playbooks for routers, switches, and firewalls
 - Mastering Jinja2 templating for dynamic network configurations
 - Securing sensitive network data using Ansible Vault
 - Leveraging Ansible Roles for modular network automation projects
- 03 Troubleshooting, API Integration & DO458 Practical Scenarios**
 - Strategies for debugging Ansible network playbooks
 - Introduction to API integration for network orchestration
 - Performance-based lab exercises simulating DO458 exam challenges
 - Tips and best practices for exam success

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Network Automation Engineer**
- > **DevOps Network Specialist**
- > **Senior Network Operations Architect**

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I master for automating network devices through this DO458 exam preparation course?

This course is designed to solidify your expertise in automating critical network device configurations, operational tasks, and troubleshooting using Red Hat Ansible. You'll master skills such as developing advanced playbooks for multi-vendor network equipment, leveraging Jinja2 templates for dynamic configurations, securing sensitive data with Ansible Vault, implementing modular automation with roles, and effectively debugging network-focused Ansible deployments, all directly aligned with the DO458 certification objectives.

Q: What prior knowledge or prerequisites are recommended to maximize my success in this Red Hat Ansible DO458 exam course?

To get the most out of this intensive exam preparation course, it is highly recommended that you have a solid foundational understanding of Ansible concepts (equivalent to Red Hat System Administration II or a similar level of experience) and intermediate-level knowledge of networking fundamentals including routing, switching, and common network protocols. Familiarity with Linux command-line tools is also beneficial, as the DO458 exam is performance-based and assumes prior hands-on experience with Ansible.

Q: How does this specific course help me achieve the Red Hat Certified Specialist in Network Automation certification?

This course is meticulously structured around the official Red Hat DO458 exam objectives. It provides a focused review of critical topics, practical hands-on labs mimicking exam scenarios, and strategic insights into the performance-based exam format. By concentrating on the specific skills and knowledge required for certification, it aims to reinforce your abilities, identify areas for improvement, and equip you with the confidence and practical experience necessary to successfully pass the Red Hat Certified Specialist in Network Automation exam.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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