Red Hat Ansible for Network Automation

Kód kurzu: DO457

Configure and manage network infrastructure using Red Hat Ansible Automation for NetworkingAnsible for Network Automation (DO457) is designed for network administrators or infrastructure automation engineers who want to use network automation to centrally manage the switches, routers, and other devices in the organization's network infrastructure.This course is based on Red Hat® Ansible Engine 2.5 and Red Hat® Ansible Tower 3.2.

Pobočka	Dnů	Cena kurzu	ITB
Praha	4	2 540 €	0
Bratislava	4	2 540 €	0

Uvedené ceny jsou bez DPH.

Termíny kurzu

Datum	Dnů	Cena kurzu	Typ výuky	Jazyk výuky	Lokalita
02.06.2025	5	2 540 €	Online	EN	Gopas Bratislava Online
02.06.2025	5	2 540 €	Online	EN	Gopas Praha Přeprodej online
30.06.2025	5	2 540 €	Online	EN	Gopas Praha Přeprodej online
21.07.2025	5	2 540 €	Online	EN	Gopas Praha Přeprodej online
18.08.2025	5	2 540 €	Online	EN	Gopas Praha Přeprodej online
15.09.2025	5	2 540 €	Online	EN	Gopas Praha Přeprodej online

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Pro koho je kurz určen

This course is designed for network administrators, network automation engineers, and infrastructure automation engineers who want to learn how to use Ansible to automate the administration, deployment, and configuration management of the network infrastructure of their organization or enterprise.

Co Vás naučíme

Learn how to use Red Hat Ansible Automation for Networking to remotely automate configuration of network devices, test and validate the current network state, and perform compliance checks to detect and correct configuration drift.
Course content summary

- Install and configure Red Hat Ansible Automation for Networking on a management system
- Use Ansible to run ad hoc commands and playbooks to automate tasks
- Write effective Ansible playbooks for network automation
- Gather information about network infrastructure configuration and backup
- Automate specific network administration use cases, including configuration of routers and switches, ports, VLANs, SNMP monitoring, and routing protocols
- Use Ansible playbooks to target devices from various hardware vendors, including Cisco, Juniper, and Arista

Požadované vstupní znalosti

- Experience with network administration, including a solid understanding of TCP/IP, routers, and managed switches
- Familiarity with managing network devices from the command line, preferably with one or more of Cisco IOS, IOS XR, or NX-OS; Juniper JUNOS; Arista EOS; or VyOS
- You will work with text files and run commands in a Red Hat Enterprise Linux environment. A working knowledge of Linux, including how to edit text files and run commands from the shell, and how to use SSH to log in to remote systems

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- Knowledge equivalent to Red Hat System Administration I (RH124) or better is recommended
- Prior Ansible knowledge is not required

Studijní materiály

Studijní materiál Red Hat

Osnova kurzu

Deploy Ansible
- Install Ansible and create Ansible inventories.

Run commands and plays
- Execute ad hoc commands and prepare Ansible playbooks.

Parameterize Ansible
- Control tasks with loops and conditions.

Administer Ansible
- Safeguard information with Ansible Vault and manage inventories.

Automate simple network operations
- Gather network information with Ansible and configure network devices.

Automate complex operations
- Solve new MACD challenges and overcome real-world challenges.

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