DevOpsSchool

Course curriculum · November 2026

ANSIBLE · CERTIFICATION-FOCUSED PROGRAM

EX457 Red Hat Certified Specialist in Ansible Network Automation exam

A practical, hands-on EX457 Red Hat Certified Specialist in Ansible Network Automation exam curriculum: 57 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	57 topics over 3 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/ansible/red-hat-certified-specialist-in-ansible-network-automation-exam-ex457.html

Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether EX457 Red Hat Certified Specialist in Ansible Network Automation exam matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

Preparing for the exam? This course follows the official exam objectives and includes mock exams. DevOpsSchool is an independent training provider and is not affiliated with Red Hat.

AGENDA AT A GLANCE · 57 TOPICS OVER 3 DAYS

Day 1

30 topics · Work from a Red Hat Enterprise Linux command line environment

Day 2

19 topics · Automate network device management

Day 3

8 topics · Parameterize Ansible

AGENDA · 57 TOPICS OVER 3 DAYS

EX457 Red Hat Certified Specialist in Ansible Network Automation exam agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

30 topics

1. Work from a Red Hat Enterprise Linux command line environment
2. Use a text editor to create and modify files
3. Run commands from the shell
4. Use SSH to log in to remote systems
5. Work with Git and perform basic Git operations
6. Clone a Git repository
7. Add files to a Git repository
8. Upload changes to a remote Git repository
9. Perform simple Git customizations
10. Configure Ansible
11. Customize the configuration file
12. Configure the connection method
13. Configure authentication details
14. Verify the configuration
15. Run Ansible commands and playbooks
16. Execute Ansible ad hoc commands
17. Create Ansible playbooks
18. Modify existing Ansible playbooks
19. Use standard Ansible constructs
20. Work with variables
21. Loop over a list of IP addresses
22. Perform conditional tests
23. Manipulate data with filters
24. Control playbook execution with tags
25. Work with templates
26. Use registers to capture the output of a task
27. Use Ansible vault to secure sensitive information
28. Work with Ansible roles
29. Use an existing role
30. Create a new role

DAY 2

19 topics

31. Automate network device management
32. Gather facts about devices and systems
33. Configure routers, switches and ports

34. Configure OSPF
35. Configure BGP
36. Configure VLANs
37. Create a multi-play playbook to back up a device configuration
38. Configure devices to use syslog and SNMP
39. Use Ansible Tower
40. Create credentials
41. Create organizations, users and teams
42. Create a dynamic inventory
43. Create a project from a Git repository
44. Create a job template
45. Create a survey
46. Deploy Ansible
47. Install Ansible and create Ansible inventories.
48. Run commands and plays
49. Execute ad hoc commands and prepare Ansible playbooks.

DAY 3 8 topics

50. Parameterize Ansible
51. Control tasks with loops and conditions.
52. Administer Ansible
53. Safeguard information with Ansible Vault and manage inventories.
54. Automate simple network operations
55. Gather network information with Ansible and configure network devices.
56. Automate complex operations
57. Solve new MACD challenges and overcome real-world challenges.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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