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## Red Hat Services Management and Automation (RH358)

**ID** RH358 **Price** CHF 4,595.—(excl. VAT) **Duration** 5 days

### Who should attend

Linux system administrators, site reliability engineers, and other IT professionals with some Ansible experience who are interested in learning how to manage and automate the deployment, configuration, and operation of key network services included with Red Hat Enterprise Linux 8.

### This course is part of the following Certifications

Red Hat Certified Specialist in Services Management and Automation (RHCS-SMA)

### Prerequisites

Be a Red Hat Certified Engineer (RHCE) on Red Hat Enterprise Linux 8, or demonstrate equivalent skills in Linux system administration and Ansible automation.

### Course Objectives

#### Impact on the organization

This course will help your staff develop key skills in managing and automating common services that support and are used by your business-critical applications. These skills can assist your team in reducing time to deployment, improving reliability, and ensuring architectural compliance, allowing resources to be spent on improving rather than just running your business.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

#### Impact on the individual

In this course, you will learn key system administration skills needed to set up and provide network services that are frequently used by servers and their applications in enterprise data centers. You will gain an understanding of how to manually manage these services, and you will also prepare Ansible playbooks to automate manual configuration tasks and perform them at scale.

### Course Content

- Provide key network services using software included with Red Hat Enterprise Linux 8, including DNS with Unbound and BIND9, DHCP and DHCPv6, client e-mail transmission, printing service, NFS and SMB protocol file sharing, SQL database service with MariaDB, and web services using Apache HTTPD, nginx, Varnish, and HAProxy.
- Configure advanced networking for server use cases, including device teaming.
- Use Red Hat Ansible Engine to automate the manual deployment and configuration tasks covered in this course.

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## Training Centres worldwide



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