

RX-M - Ansible

Code:	CN1-Ansible
Length:	2 days
URL:	View Online

This hands-on course is designed to give IT, DevOps and other technology professionals a comprehensive introduction to Ansible. Through lecture and intensive lab work, attendees will gain a clear understanding of Ansible and its use in the infrastructure as code (IaC) methodology of configuration management.

Students will gain experience using Ansible to complete configuration management tasks on servers and networking devices; will create role-based playbooks that enforce states on infrastructure and use the Jinja2 templating engine to ensure maximum flexibility and reusability of code. Upon completion of the course attendees will have a clear understanding of Ansible concepts and constructs, IaC methodology and best practices.

Skills Gained

- Provide experienced Linux operations staff with a comprehensive overview of the Ansible configuration management platform.

Who Can Benefit

- Developers, IT and QA Staff, Technical Managers, DevOps and Build personnel

Prerequisites

- Students should have basic sys-admin capabilities. Each attendee must provide their own laptop with the ability to run a 64 bit virtual machine. A 64 bit Ubuntu VM is provided with the course.

Course Details

Ansible

- Day 1

1. Ansible Overview
2. Basic Ansible Operations
3. Basic Playbooks
4. Jinja & Templating

- Day 2

1. Advanced Playbooks
2. Networking Automation
3. Ansible Custom Modules
4. Best Practices

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