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### Ansible 2.0 Certification Training

#### Table of Contents:

- Program Overview
- Program Features
- Delivery Mode
- Prerequisites
- Target Audience
- Key Learning Outcomes
- Certification Details and Criteria
- Course Curriculum
- Course-end Projects
- About Us

#### Program Overview:

Ansible is one of the most demanded tools in the DevOps environment, an open-source tool used to configure, manage, and deploy software applications. With the help of this tool, you can automate sophisticated multi-tier IT systems, and thus, it is used by most organizations to overcome automation challenges. Furthermore, in this Ansible 2.0 training course online, you will learn the installation of Ansible 2.0, and to create playbooks, configure network devices, and manage an entire cloud region

#### Program Features:

- Trusted content
- Re-learn for free anytime in a year
- Rigorous assignments and assessments
- Learn at your own pace
- Mandatory feedback sessions
- Mock-interview
- Hands-on real-time experience



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- Free Mentorship
- Live chat for instant solutions
- Job-ready employees post-training
- End-to-end training
- Download the certificate after the course

### **Delivery Mode:**

- Online Training

### **Prerequisites:**

Learners need to possess an undergraduate degree or a high school diploma. Need access to a Linux system to set Ansible up and prior exposure to Linux system administration.

### **Target Audience:**

- Freshers
- Software developers
- Software engineers
- Technical leads
- System Administrators
- Test Engineers

### **Course Curriculum:**

#### **Self Paced Curriculum**

#### **Lesson 01 - Ansible 2 – Whats It All About**

- The Course Overview
- What Is Ansible?
- Why Ansible?
- Demonstration – From Bash to Ansible
- Course Layout
- Basic Ansible Vocabulary
- New Features in Ansible 2.0



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### Lesson 02 - Setting up the Learning Environment

- Creating an Ansible Home Base
- Installing Ansible
- Bleeding-Edge Ansible Installation
- Setting up our Test Environment
- Target Machine Requirements

### Lesson 03 - Jumping into Ansible 2

- Ansible Configuration Hierarchy
- Ansible Hosts Inventory File
- Ad-Hoc Commands
- Introduction to Playbooks
- Playbook Structure
- Introduction to Modules
- Common Modules
- Variables and Facts

### Lesson 04 - A Real-World Playbook

- Real-Life Playbook: Mattermost Deployment
- Real-Life Playbook: Walkthrough

### Lesson 05 - Loops, Blocks, Strategies, and Galaxies

- Debugging and Troubleshooting
- Conditionals and Control Flow
- Templating, Control Flow, and Iteration in Jinja2
- YAML Basics
- Ansible Blocks
- Performance and Execution Strategies
- Ansible Galaxy
- Security

### Lesson 06 - Ansible in the Cloud

- Ansible in the Cloud
- Ansible AWS Demo
- Ansible Tower





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