



Ansible Certification Training Course

About DevOpsSchool

DevOpsSchool is a unit of "Cotocus PVT Ltd" and a leading platform which helps IT organizations and professionals to learn all the emerging technologies and trend which helps them to learn and embrace all the skills, intelligence, innovation and transformation which requires to achieve the end result, quickly and efficiently. We provide over 40 specialized programs on DevOps, Cloud, Containers, Security, AI, ML and on Big data that are focused on industry requirement and each curriculum is developed and delivered by leading experts in each domain and aligned with the industry standards.

About Course

Ansible is an open-source automation tool, which is used in IT tasks such as application deployment, configuration management and provisioning. Our "Ansible certification training program" is designed especially for beginners to help them to understand the advanced level concepts of Ansible such as Ansible Configuration Management. In this Ansible Certification Course you will learn to create your own playbooks and configuring network devices on the platform of Linux or Windows.

DevOpsSchool is one of the Top Institute for "Ansible training and certification program" where we offer you both in online and offline classroom mode by top experts/trainers. Our institute have also multiple Ansible training and Certification venue in top cities like Hyderabad, Bangalore and more. This Ansible Certification Training Course comes up with real world working experience by live project with Ansible. Our support team and experts are always there and ready to clarify all your doubts and questions throughout the training. After successful completion of Ansible certification training program online, participants will easily crack Red Hat Certified Specialist exam (EX-407) and become a Red Hat Certified Specialist.



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Duration	15 Hours
Mode	Online (Instructor-led, live & Interactive)
Projects (Real time scenario based)	1

FEATURES	DEVOPSSCHOOL	OTHERS
Faculty Profile Check	✓	✗
Lifetime Technical Support	✓	✗
Lifetime LMS access	✓	✗
Top 25 Tools	✓	✗
Interviews Kit	✓	✗
Training Notes	✓	✗
Step by Step Web Based Tutorials	✓	✗
Training Slides	✓	✗
Training + Additional Videos	✓	✗

AGENDA OF THE ANSIBLE CERTIFICATION TRAINING COURSE

Why you are here?

- Introduction of Configuration Management
- Understand the problems in Servers config management
- Finding out the solutions for Servers config management
- What is Ansible
- Benefits of Ansible
- Ansible Vs Chef Vs Puppet

Lets get started with Ansible

- Introduction to YAML
- Setup Ansible Development Environment
- Introduction of Ansible Commands lines
- Introduction of Ansible Modules
- Introduction of Ansible Play
- Introduction of Ansible Playbook
- Introduction of Ansible Configurations
- Introduction of Ansible Inventory

Popular Modules in Ansible

- The Setup Module
- The Command Module
- The Expect Module
- The RAW Module
- The Script Module
- The Shell Module
- The File Module
- The SELinux Module
- The SEBoolean Module
- The Copy Module
- The Cron Module
- The Include Module
- The Mount Module
- The User Module
- The Group Module
- The Mail Module
- The Git Module
- The Apt Module

Deep Dive into Ansible Inventory

- Using Hosts and Groups
- Behavioral Inventory Parameters
- Host Variables
- Group Variables
- Groups of Group
- Groups of Group Variables
- Splitting Out Host and Group Specific Data

Roles in Ansible

- Understand Role Directory Structure
- Using Ansible Roles
- Ansible Role Duplication and Execution
- Ansible Role Default Variables
- Ansible Role Dependencies
- Embedding Modules and Plugins In Roles
- Ansible Role Search Path

Ansible Tower

- Ansible Tower Installation and Configuration
- Ansible Tower Licensing, Updates, and Support
- Starting, Stopping, and Restarting Tower
- Ansible Tower Organization
- Ansible Tower Projects
- Ansible Tower Templates
- Ansible Tower Jobs
- Ansible Tower Inventory
- Inventory File Importing
- Tower Logfiles
- Tower Logging and Aggregation
- Tower Configuration
- Setting up LDAP Authentication
- Changing the Default Timeout for Authentication
- User Authentication with Kerberos
- Working with Session Limits
- Backing Up and Restoring Tower
- Troubleshooting Tower
- Tower Tips and Tricks
- Introduction to tower-cli



Lets understand Ansible

- Ansible Architecture
- How Ansible Works?

Lets start config mgmt using Ansible

- Writing a Play Using Modules
- Writing a Playbook
- Writing a Inventory
- Running a Playbook in Local Server
- Running a Playbook in Remote Server

Deep Dive into Ansible Playbooks

- Outlining Your Playbook
- Target Section
- Variable Section
- Task Section
- Handler Section
- Lookups
- Understand the factors in Ansible
- Handlers in Ansible
- Variables in Ansible
- Register in Ansible
- Includes vs. Imports in Ansible
- Conditions in Ansible
- Loops in Ansible
- Blocks in Ansible
- Files operations in Ansible
- Templating(Jinja2) in Ansible
- Basic Error Handling in Playbooks
- Basic Torubleshooting in Ansibles

Servers Management in Ansible

- Authentcations in Ansible
- SSL and Certificates in Ansibles
- Access and Permission Management
- Imported vs Direct

Ansible Vault

- Use cases of Ansible Vault
- Creating Encrypted Files
- Editing Encrypted Files
- Rekeying Encrypted Files
- Encrypting Unencrypted Files
- Decrypting Encrypted Files
- Viewing Encrypted Files

Ansible Galaxy

- Introduction of Ansible Galaxy Website
- The command line tool
- Search for Roles
- Installing Roles from Ansible Galaxy
- Create roles
- Authenticate with Galaxy
- Ansible Galaxy Roles Dependencies
- Upload Roles

Developing Ansible Modules

- Understand Ansible Architecture
- How To Develop Ansible Module
- Types of Ansible Modules
- How Ansible modules are executed
- Developing Ansible Plugins
- Module Ansible Utilities
- Use the developed Modules in Play



Thank you!

Connect with us for more info

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