

Ansible with Windows Administration

Duration: 4 Days (32 Hours)

Hands-on format: This hands-on class is approximately 80/20 lab to lecture ratio, combining engaging lecture, demos, group activities and discussions with comprehensive machine-based practical programming labs.

Module 1 – Introduction to Ansible

Introduction to Ansible

Current IT Automation State

How Ansible Works?

Installing Ansible

Module 2 – Ansible Playbook Implementation

Ansible Inventory

Ansible configuration files

Ad Hoc commands

Ansible Playbooks

Ansible Multiple Plays in a Playbook

Module 3 – Variables and facts in Ansible

Ansible Variables

Secrets in Ansible

Facts managements in Ansible

Module 4 – Loops, Conditional tasks and handling task failure

Loops in Ansible

Conditional tasks

Handlers in Ansible

Handling of task failure

Module 5 – Managed Hosts Management

Copying and modifying files to hosts

Jinja2 Templates

Selection of hosts with host patterns

Importing files

Including files

Module 6 – Ansible Roles and Galaxy

Introduction to Role

Understanding Role Structure

Managing Roles

Introduction to Ansible Galaxy

Download and Use Roles from Ansible Galaxy

Module 7 – Ansible Vault

Introduction to Ansible Vault

Encrypt and Decrypt Playbooks

Use File as Password for Ansible Playbooks

Ansible Vault Commands

Module 8 – Windows Administration

Install and Uninstall MSI/EXE

Download Software

Managing Users

Managing Windows Partition

Managing Services

Module 9 – Database Administration

Database Modules

Mssql module

MySQL module