To keep up with the growing speed of business demands, there’s a pressing need to make programmability and automation an inherent part of operational IT processes. World Wide Technology (WWT) offers four different hands-on Ansible Automation Training sessions where experts demonstrate how to use centralized automation tools to manage and deploy configurations. Training involves WWT engineers leading design sessions to help you map out potential automatable workflows and form roadmaps for accelerating the application and adoption of automation.

**F5 ANSIBLE TRAINING**

This session focuses on the common challenges F5 system administrators face today and the role that programmability plays. We walk through automating the following tasks:

- IP Reservation and DNS Configuration
- F5 Application Delivery Controller Configuration
- F5 Application Deployment
- Design vision and roadmap
- Whiteboard session to map out workflows (time permitting)

**Prerequisites**

Attendees should have a basic understanding of:

- F5 Local Traffic Manager
- Linux CLI concepts
- High-level automation concepts

**Technologies**

- F5 Application Delivery Controllers
- Red Hat Ansible
- Red Hat Ansible Tower

**AVI ANSIBLE TRAINING**

This session focuses on the common challenges Avi administrators face today and the role that programmability plays. We walk through automating the following tasks:

- Avi IPAM and DNS profile management
- Avi Application Delivery Controller Configuration
- Avi Application Deployment
- Whiteboard session to map out workflows (time permitting)

**Prerequisites**

Attendees should have a basic understanding of:

- Avi Vantage Architecture
- Linux CLI concepts
- High-level automation concepts

**Technologies**

- Avi Application Delivery Controllers
- Red Hat Ansible
- Red Hat Ansible Tower
This session focuses on the common challenges network architects face today and the role automation plays. We walk through automating the following tasks:

- Applying predictable configuration changes (routing, switching, security)
- Simplifying device deployments through plug and play templates
- Orchestrating code upgrades and backups

Prerequisites
Attendees should have a basic understanding of:
- Router/switching concepts
- Linux CLI concepts
- Automation concepts

Technologies
- Cisco IOS XE, ACI and Nexus
- Red Hat Ansible
- Red Hat Ansible Tower

This training session provides an overview of Ansible and Ansible Tower with the goal of understanding how they work together to simplify automation for NetApp storage solutions. Technologies include NetApp ONTAP and SolidFire virtual storage appliances, ESXi and vCenter, OpenShift, GitLab, and Infoblox. Sample integrations include storage provisioning, host side configuration to access presented storage, IP allocation/DNS reservations, and deployment of an application using an Ansible workflow.

We walk through automating the following tasks:
- NetApp ONTAP and NetApp SolidFire configuration
- Provisioning block and file storage to VMware and Linux
- Orchestrating storage provisioning tasks into an application deployment workflow
- Persistent volume orchestration with NetApp Trident
- Whiteboard session to map out workflows

Prerequisites
Attendees should have a basic understanding of:
- Storage fundamentals
- Linux concepts
- Automation concepts

Technologies
- NetApp
- Red Hat Ansible
- Red Hat Ansible Tower