Ansible Course Content

Introduction To Ansible

- Ansible Basics
- Ansible vs. Other Tools
- Very brief history and reason for development of Ansible
- Brief comparison with Saltstack and others
- Benefits and limitations of using Ansible
- Introduction to YAML
- YAML Examples

The Essentials Of Configuration And Deployment

- What we can do with Ansible
- Our goals before, and our goals now

Setting Up

- Configuration
- Inventory
- **<u>Playbooks:</u>**
- Ansible Playbooks
- Configuring Your 'Ansible' Account
- Ansible Command Line
- System Facts
- System Facts: Common Values for Playbooks
- Our First Playbook
- Quick Examples
- Deploying configuration of Apache server
- Managing changes in the configuration

Outlining Your Playbook

- Create a Playbook from Our Outline
- Optimizing Your Playbook
- Taking Our Playbook for a Dry Run
- Asychronous Polling

- Simple Variable Substitution
- Lookups
- RunOnce
- Local Actions
- Inclusion
- Filters
- Loops
- Accelerated Mode
- Asynchronous Actions
- Pooling
- Dry Run
- Delegation, Rolling Updates and Local Actions
- Promths
- Tags
- Vault
- Running playbooks interactively
- Until
- Notify
- Vault
- Prompt - Interactive Playbook
- Basic Include Statements
- Tags
- Basic Error Handling
- Includes - Breaking Your Playbook Into Discrete Plays
- Starting At Task or Stepping Through All Tasks
- Passing Variables Into Playbooks at the Command Line
- Using Jinja2 Templates
- LocalAction
- DelegateTo