

NetDevOps Pipeline Engineering (NDO-304)

COURSE OVERVIEW

Develop the technical skills required to gather the Source of Truth Data set. This is a prerequisite for MDD Deployment Planning. Rather than a week of Python plus a second week with Ansible, combine both into a single week that is laser-focused on network automation using Python and Ansible. This class includes Cisco Modeling Labs essentials.

Lessons and labs focus on using both Python and Ansible to interact with and configure your network devices. This class is a combination of live demonstrations and hands-on labs with virtual network devices and endpoints as targets for your configuration.

WHO WILL BENEFIT FROM THIS COURSE?

- Core Team
- Network Engineers
- Network Administrators
- Ansible Developers
- Python Developers
- Administrators interested in Automation
- Individuals interested in DevOps

PREREQUISITES

None

COURSE OBJECTIVES

Version controlling code with Git

Open SSH sessions and pass commands to remote servers

Remotely open CLI to network devices

Move files via SFTP

Overview of Ansible modules

Ansible collections for network automation

Custom Ansible modules with Python

Best practices for automating the management and configuration of network devices

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their technology Investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

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