

Cisco IOS Fundamentals

Course Objectives

This one day course is designed to learn the Cisco IOS basics. It is helpful for beginners who want to have an overview of what working on Cisco IOS be like before deep diving into the Cisco technologies. It may be beneficial to working professionals who have experience with some other vendors like Juniper, Aruba etc but want to learn how to operate the Cisco IOS.

Prerequisites

There are no prerequisites to enroll in this course. Basic computer literacy is what all is needed.

Duration - 1 Day

Course Content

1. System Architecture
 - Components:
 - Different types of Model

2. IOS Booting Process (Includes lab activity)
 - Post
 - Boot-Strap

3. IOS MODES: (Includes lab activity)
 - User Mode
 - Privilege Mode
 - Config Mode

4. Cisco IOS Initial config (Includes lab activity)
 - Setting up hostname, DNS and DHCP services
 - Setting up User accounts
 - Setting up Telnet/SSH
 - Setting up interfaces

5. Backup and Restore Config Files (Includes lab activity)
 - Manual process
 - Automatic Process

Roll-back
System recovery

6. Debugging and Logging (Includes lab activity)

7. AAA Architecture (Includes lab activity)

8. Reloading and IOS upgrade (Includes lab activity)

Related Course

Other courses which can be pursued after this course to start an exciting career in specific Cisco technologies are:

Cisco Certified Network Associate (200-301 CCNA)

Understanding Cisco Wireless Foundations (WLFNDU) v1.0

Understanding Cisco Collaboration Foundations (CLFNDU) v1.0

Understanding Cisco Data Center Foundations (DCFNDU) v1.0

Understanding Cisco Service Provider Network Foundations (SPFNDU) v1.0