

Understanding Cisco Cloud Fundamentals (CLDFND)

Duration: 5 days

Course Overview

This is a new 5-day instructor led training course that helps students prepare for the CCNA Cloud certification, an associate level certification specializing in Cloud technologies. This course is designed to provide students with the necessary knowledge, skills and abilities (KSA) to perform foundational tasks related to Cloud computing and characteristics and deployment models of a Cloud network.

Who should attend?

This course is the first course recommended as preparation for the CCNA Cloud certification.

For Cloud Engineers, Cloud Administrators, Cloud Operations / Support Engineers, Cloud Design Engineers, Cloud Infrastructure Architects, Virtualization Engineers job roles

1. Who are looking to build their career around Cloud jobs / roles
2. Who plan, design, implement and/or support Cloud deployments, and are looking to validate / showcase their skills

For Data Center Engineers

1. Who wish to add knowledge of Cloud to their DC skills

For Network Engineers

1. Who are looking to develop their careers with Cloud knowledge and skills

Prerequisites

The knowledge and skills that a learner must have before attending this course are as follows:

1. Understand network fundamentals—routing, switching, VLAN
2. Understand compute fundamentals—servers, operating systems
3. Understand storage fundamentals—basics of FC, FCoE, VSAN

Such as the content included within the CCNA Routing & Switching or CCNA Data Center certifications.

Course Objectives

Upon course completion, students will be able to:

1. Describe common cloud characteristics
2. List cloud service models
3. Compare cloud deployment models
4. Illustrate key features of UCS
5. Define server virtualization
6. Describe network architectures for the datacenter
7. Describe Cisco ACI
8. Describe Infrastructure Virtualization
9. Define virtual networking services
10. Define Virtual Application Containers
11. Analyze storage provisioning concepts
12. Describe basic SAN storage concepts
13. Define basic NAS storage concepts
14. Compare the difference between all the storage access technologies
15. Identify the various Cisco storage network devices
16. Describe various reference architectures for converged infrastructure