

Designing the Cisco Cloud (CLDDDES)

Duration 5 Days

COURSE CONTENT

The Designing the Cisco Cloud (CLDDDES) v1.1 course helps you prepare for the Cisco CCNP Cloud certification and for professional-level cloud engineering and administration roles. In this course, you'll master the professional-level skills and technologies to make design choices required to deploy and automate private and hybrid cloud infrastructure—including applications, compute, storage, network, virtualization, and security—using Cisco data center and cloud technologies IT practitioners who have Cisco CCNP Cloud training and certification have validated, professional-level, hands-on skills in Cisco technologies and industry best practices needed for in-demand job roles.

Upon completion of this course, you will be able to:

- Translate the business requirements into Cisco Cloud automation designs
- Define the appropriate Cisco Cloud solution, based on a broad range of products and technologies
- Design for the self-service user portal
- Design for the Application and Platform as a service
- Design for a Private Cloud infrastructure, automation, and security
- Design for a Hybrid Cloud infrastructure, automation, and security
- Design for Virtual Network Services for Private and Hybrid Clouds
- Describe the VM Lifecycle management

COURSE OUTLINE

- **Module 1:** Translating Requirements into Automation Designs
- **Module 2:** Designing a Private Cloud Infrastructure
- **Module 3:** Designing a Hybrid Cloud Infrastructure
- **Module 4:** Securing the Cloud Infrastructure
- **Module 5:** Virtualization and Virtual Network Services for Private and Hybrid Clouds

PREREQUISITES

It is recommended, but not required, to have the following skills and knowledge before attending this course:

- Data Center Experience
- OS experience
- Experience with designing and deploying IT solutions
- CCNA Cloud Fundamentals (CLDFND)
- CCNA Cloud Administration (CLDADM)

WHO SHOULD ATTEND

- Cloud Engineers
- Cloud Administrators
- Cloud Operations / Support Engineers
- Cloud Design Engineers
- Cloud Infrastructure Architects
- Virtualization Engineers
- Cisco Integrators and Partners
- Customers
- Employees