Designing and Implementing Cloud Connectivity (ENCC)

ID ENCC **Price** CHF 4,500.—(excl. VAT) **Duration** 4 days

Who should attend

- Cloud Architects
- Cloud Administrators
- Cloud Engineers
- Cloud Network Engineers
- Cloud Automation Engineers
- Cloud Systems Engineers
- Security Analysts
- Cloud Security Managers
- Cloud Consultants
- Cloud Application Developers
- Systems Engineers
- Technical Solutions Architect

This course is part of the following Certifications

Cisco Certified Network Professional Enterprise (CCNP ENTERPRISE)

Prerequisites

The knowledge and skills you are expected to have before attending this training are:

- Basic understanding of enterprise routing
- Basic understanding of WAN networking
- Basic understanding of VPN technology
- Basic understanding of Cisco Catalyst SD-WAN
- Basic understanding of Public Cloud services

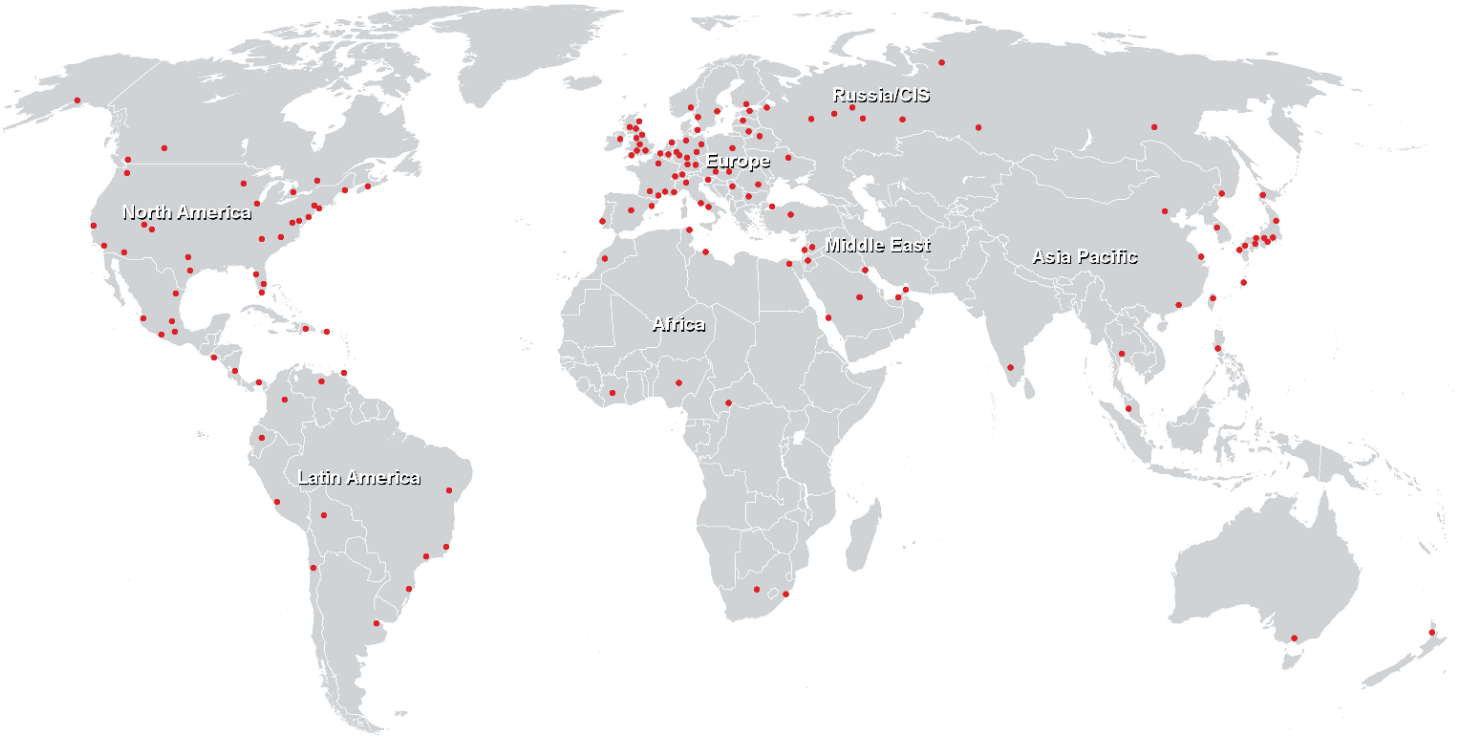
These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)
- Cisco SDWAN Fundamentals (SDWFND)
- Implementing Cisco SD-WAN Security and Cloud Solutions (SDWSCS)

Course Objectives

- Describe the fundamental components and concepts of cloud computing, including deployment models, cloud services, and cloud providers, to provide learners with a comprehensive overview of the subject
- Describe the options available for establishing connectivity to public cloud services, including point-to-point IPsec VPN and various Cisco Catalyst SD-WAN Cloud OnRamp deployment options
- Describe private connectivity options to public cloud provider infrastructure
- Describe the available options for connectivity to SaaS applications from a geographically distributed organization's premises
- Describe various cloud connectivity options and explore high availability, resiliency, and scalability capabilities with Cisco cloud connectivity
- Describe and explore public cloud security and its components comprehensively
- Describe regulatory compliance requirements
- Explain the available options and describe the procedures for implementing IPsec-driven internet-based public cloud connectivity
- Introduce overlay routing
- Introduce the Cisco Catalyst SD-WAN capabilities for internet-based public cloud connectivity
- Describe Cisco SD-WAN native and cloud security capabilities
- Introduce the Cloud OnRamp for SaaS
- Introduce the Catalyst Cisco SD-WAN Policies
- Introduce AppQoE
- Describe how to diagnose and troubleshoot common issues for connectivity to public cloud environments using internet-based connectivity
- Troubleshoot OSPF, BGP, route redistribution, and static routes deployed in cloud environments
- Describe Cisco SD-WAN and connectivity to public cloud providers

Training Centres worldwide





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