

CCIE Data Center Version 2.0 Advanced Technologies Class



<https://t.me/learningnets>



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- CCIE Routing & Switching - 2002
- CCIE Service Provider - 2006
- CCIE Security - 2007
- CCDE - 2013
- CCIE Data Center - 2013

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Online Classroom Overview

▷ Adjusting your bandwidth

- HD button on bottom right of player adjusts stream

▷ Using the Q&A session

- All questions are submitted to me privately
- Questions relevant to everyone will be posted publicly

▷ Course Files

- Slides, diagrams, etc. posted in link above Q&A session

▷ Class is recorded

- Both streaming and download format available after post-processing

Course Objectives & Format

▷ Course Objectives

- Understanding the Technologies – The Why
- Implementing the Technologies – The How
 - Configuration
 - Verification
 - Troubleshooting

▷ Course format is a mix of...

- Technology explanations
- Hands-on live examples
 - Not pre-scripted
 - Troubleshooting is half the fun 😊

Course Schedule

▷ Daily schedule

- Start at 08:00 PST (16:00 UTC)
- ~ 10 minute breaks hourly
- Course days run ~ 5 hours apiece

▷ Upcoming course topic schedule

- Tentative daily schedule at <http://members.ine.com>

Tentative Topic Outline

- ▷ Nexus Fundamentals
- ▷ Classical Ethernet
- ▷ Virtual Port Channel (vPC)
- ▷ Fabric Extenders (FEX)
- ▷ FabricPath
- ▷ Layer 3 Routing
- ▷ VXLAN

Tentative Topic Outline (Cont.)

- ▷ Overlay Transport Virtualization (OTV)
- ▷ Location Identifier Separation Protocol (LISP)
- ▷ Application Centric Infrastructure (ACI)
- ▷ Storage Area Networking (SAN) Switching
- ▷ Unified Computing System (UCS)
- ▷ Quality of Service (QoS)
- ▷ Network Services & Management
- ▷ Data Center Automation and Orchestration

Upcoming Release Schedule

▷ Recordings

- Generally available about a week after live sessions

▷ Workbook

- Available now in beta on <http://members.ine.com>

▷ Rack Rentals

- Available now in private beta
- Public beta (hopefully) next week

Q&A