CCIE Data Center Bootcamp

COURSE OVERVIEW:
Cisco Certified Internetwork Expert Data Center (CCIE Data Center) certifies the expert-level skills required to plan, prepare, operate, monitor, and troubleshoot complex data center networks. Professionals who achieve CCIE Data Center certification have demonstrated their technical skills at the highest level.

WHO WILL BENEFIT FROM THIS COURSE?
- Candidates that need to acquire their CCIE Data Center certificate.
- Network engineers/designers that need to raise their knowledge to an expert-level.

PREREQUISITES:
There are no formal prerequisites for CCIE certification. Other professional certifications or training courses are not required. Instead, candidates must first pass a written qualification exam and then the corresponding hands-on lab exam. You are expected to have an in-depth understanding of the topics in the exam blueprints and strongly encouraged to have three to five years of job experience before attempting certification.

COURSE OBJECTIVES:
Upon completion of this course, learners should be able to configure and troubleshoot a series of complex networks to given specifications. Knowledge of troubleshooting is an important skill and candidates are expected to diagnose and solve issues as part of the CCIE Data Center lab exam.

COURSE OUTLINE:
Day 1
- Implement Nexus 7000 and 5000 configuration
- RBAC/Views and AAA
- NX-OS high availability
- CFS
- L2 & L3 interfaces
- L3 routing
- Network Services
- Implement Nexus 7000, 5000 and 2000 FEX configuration
- Fabric extension (FEX)
- FHRP

Day 2
- Port-channels
- OTV
- vPC
- FabricPath

Day 3
- Implement Nexus 7000, 5000, and MDS configuration
- FC
- FC Security
- FCIP
- iSCSI gateways

Day 4
- Implement Nexus 7000, 5000, and MDS configuration
- Implement Cisco UCS C-series configuration
- UCS Link Roles

Day 5
- Implement Cisco UCS B-series configuration
- Implement Nexus 1000V configuration
- Security

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team
- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience
- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience
- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service
- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience