Brocade Certified Network Professional (CNP 300)

BROCADE UNIVERSITY

Brocade
Certified Network Professional

ENROLL NOW:

Instructor-led (CNP 300-BLS)

Virtual classroom (CNP 300-BVS)

PREREQUISITES:

- *Brocade Certified Network Engineer (BCNE) Training (CNE 200), Basic Switch/Router Configuration and Management (ETH 103)*, or equivalent knowledge
- General network maintenance or administration of a Brocade IP/Ethernet environment
- Working knowledge of Brocade IP/Ethernet product CLI

DESCRIPTION:

This course provides an in-depth study of the Brocade Ethernet Switch/Router family of products and how they are utilized in an enterprise network. The course covers advanced configuration, operations and maintenance of L2/L3 protocols including STP, RSTP, OSPF, MCT, QoS, and BGP in an enterprise network. Additional topics include the IS-IS protocol and Power Over Ethernet (PoE).

This blended course is available in a traditional classroom, or on-line with a live instructor (virtual classroom). All delivery options include additional self-paced, web-based training. CNP 300 is designed, in part, to prepare students for the Brocade Certified Network Professional (150-230) exam.

AUDIENCE:

CNP 300 is designed for network administrators, system administrators, network architects, systems engineers, and technical support engineers that are involved with advanced installation, configuration, maintenance, and basic troubleshooting of Brocade Layer 2/3 products.

OBJECTIVES:

Upon successful completion of this course, the student should be able to:

- Configure, implement, and maintain Layer 2 STP protocols (RSTP, MSTP, PVST)
- Describe and configure Multi-Chassis Trunking (MCT)
- Integrate MCT with VRRP-E for redundancy
- Identify PoE capable Brocade products
- Configure and manage Brocade switches in a PoE environment
- Configure, implement, and maintain Layer 3 routing protocols (OSPF and BGP)
- Describe OSPF router types and the neighbor adjacency process
- Differentiate between the OSPF and IS-IS protocols
- Discuss BGP4 protocol overview
- Differentiate and describe EBGP and IBGP roles in BGP operations
- Configure basic BGP peering and route map utilization

DELIVERY OPTIONS:

The CNP 300 course is available in two versions:

- CNP 300-ILT: Three days of instructor-led classroom training with hands-on lab exercises, plus 4 hours of supplemental web-based training.
- CNP 300-VCT: Three days of virtual classroom training with hands-on lab exercises, plus 4 hours of supplemental web-based training.

REQUEST ONSITE COURSE **ACCESS ONLINE TRAINING** **BROCADE COURSE CATALOG** **CANCELLATION POLICY**

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