BPIPA 200 ILT
Brocade Professional IP Administrator

Upcoming courses:

You can find our schedules on our website at www.networksynergy.com.au/ training/scheduledates.html

Delivery & requirements:

Delivery will either be instructor led in a traditional classroom setting, or instructor led web based delivery in our virtual classroom. Participants will require pc/laptop and internet connectivity suitable for a virtual classroom.

Prerequisites:

Before taking this course, students should have working knowledge of:
Brocade Protocol Foundations Certification Equivalent multi-vendor certification of (Cisco, Juniper, Extreme Networks, Arista, HP) IP/Ethernet environment

Network Synergy are the Brocade Authorised Training Partner for Australia and New Zealand.

As this is a Brocade certified course, we use:
- ➢ Brocade Certified instructors
- ➢ Brocade approved course material
- ➢ Brocade lab equipment

Overview:

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 core competencies of configuration, operations and maintenance of Brocade IP products including the FCX, ICX and MLX family of devices. This course also covers core L2/L3 protocol configurations including STP family, OSPF, BGP, QoS, and Brocade proprietary protocols and technology including MCT, VRRPe and FDP. Additional topics include the IPv6 protocol and Software Defined Networking (SDN) functions including Openflow, Netconf and Yang.

Objectives

- ☐ Describe Brocade IP hardware
- ☐ Configure and implement management protocols on Brocade equipment
- ☐ Configure and implement monitoring and reporting features on Brocade equipment including syslogs and sFlow
- ☐ Perform hardware troubleshooting and support functions on Brocade IP devices
- ☐ Perform firmware upgrades on Brocade IP 1u/2u rack and chassis devices
- ☐ Configure, implement, and maintain Layer 2 STP protocols (RSTP, MSTP, PVST)
- ☐ Configure and manage VLANs, Virtual Ethernet routed interfaces, topology groups, and Q-in-Q
- ☐ Configure, deploy and maintain Link Aggregation Groups (LAGS)
- ☐ Describe, configure, and maintain Multi-Chassis Trunking (MCT)
- ☐ Integrate MCT with VRRPe 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)
- ☐ Discuss BGP4 Neighboring adjacencies and troubleshooting
- ☐ Configure basic BGP peering and route advertising
- ☐ Configure, implement, and maintain QoS on Brocade IP products
- ☐ Configure SDN functions including Openflow and Netconf using Yang on Brocade IP devices

For additional information please email training@networksynergy.com.au

Or visit http://www.networksynergy.com.au/training