Internetworking Fundamentals for Brocade Training

(ETH 101-WBT)

BROCADE UNIVERSITY

DURATION:

2 hours

FORMAT:

Self-paced, web-based training

PREREQUISITES:

- Basic IT experience

AUDIENCE:

This course is for all personnel responsible for designing, implementing, managing, and maintaining Brocade Ethernet networking solutions.

DESCRIPTION:

This self-paced, web-based training course (eStudy) provides an introduction to LAN/WAN concepts and internetworking fundamentals. This is a baseline course for all Brocade networking products, and is designed to provide a solid internetworking base for everyone.

OBJECTIVES:

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

- Define Local Area Networks (LAN), Wide Area Networks (WAN), and Metropolitan Area Networks (MAN).
- Differentiate network devices including switches and routers, and the role that they play in a LAN, WAN, and MAN.
- Describe ISO's 7-layer OSI model of data communications.
- Differentiate frame switching and packet routing of user data.
- Describe Internetworking concepts and behavior, including collision and broadcast domains, CSMA/CD, duplex settings, Spanning Tree (802.1D), and VLANs.
- Discuss TCP/IP protocol suite, including IP addressing, Subnets, CIDR, and VLSM.

ACCESS ONLINE TRAINING BROCADE COURSE CATALOG

Brocade University
In North America (866) 384-8254 Education@brocade.com www.brocade.com/education_services
Bracknell Broomfield Neu-Isenburg Geneva
New York City Paris Plymouth San Jose

© 2012 Brocade Communications Systems, Inc. All Rights Reserved. 01/12
Brocade, Brocade Assurance, the B-wing symbol, DCX, Fabric OS, MLX, SAN Health, VCS, and VDX are registered trademarks, and AnyIO, Brocade One, CloudPlex, Effortless Networking, ICX, NET Health, OpenScript, and The Effortless Network are trademarks of Brocade Communications Systems, Inc., in the United States and/or in other countries. Other brands, products, or service names mentioned may be trademarks of their respective owners.

BROCADE