

ENTERASYS FAST TRACK

Associated Certifications: Enterasys Systems Engineer

Training Method: Instructor led

Course Overview Week 1: Within this accelerated course, students will learn methods to properly configure and manage their network infrastructure utilizing the numerous network convergence, management and security functionalities within the Enterasys Switching and NetSight Network Management Products. Within the ESE Fast Track course, students will gain hands on experience by performing real world tasks in a robust lab environment including configuring convergence and traffic management protocols, as well as implementing security and management capabilities using the Enterasys products command line as well as the NetSight NMS Suite of applications.

Course Overview Week 2: Within this course, students will learn methods to properly deploy, configure, and manage their network infrastructure utilizing the numerous network convergence, management and redundancy functionalities within the Enterasys Routing and HiPath Wireless product families. Within the ESE Fast Track 2 - Enterprise Routing and HiPath Wireless course, students will gain hands on experience by performing real world tasks in a robust lab environment including configuring network convergence protocols, implementing security techniques including rogue AP detection, countermeasures, as well as implementing security and redundancy capabilities

● Course Prerequisite

Students should possess an understanding of network fundamentals, traffic classifications, and general network management concepts, as well as network security concepts and technologies. In addition, Enterasys recommends previous hands-on experience with Enterasys Switching and Management products. In addition, a working familiarity with standards based routing protocols including OSPF, RIP,

● Course Objectives

Upon completion of this course, students will have gained the knowledge to best utilize all the existing capabilities within the Enterasys Switching and Management Product families to both effectively and efficiently run their enterprise network. Enterasys Routing and HiPath Wireless product families to both effectively and efficiently run their enterprise network.

● Who Should Attend

Network Managers, Architects, and Systems Integrators

● Course Agenda

Enterprise Switching

- Switching Product Family Overview
- Device Management
- 802.1Q VLAN Support
- Spanning Tree (1D, 1w, and 1s)
- Bandwidth optimization, with Link Aggregation
- Traffic Management
- Authentication Methods

● Course Agenda continued...

Enterprise Management

- Console
- Inventory Manager
- Policy Manager
- Automated Security Manager
- Policy Control Console

Enterprise Routing

- Routing Technology Overview
- Open Shortest Path First (OSPF) Routing Protocol
- Distance Vector Multicast Routing Protocol (DVMRP)
- Virtual Router Redundancy Protocol (VRRP)

HiPath Wireless

- Installing and Configuring the HiPath Wireless Controller
- Configuring the HiPath Wireless AccessPoints (AP2610, AP2620, AP3610, AP3620, AP4102 and the Scalance AP's), including Security settings of the HiPath Wireless Controller
- Wireless Network Infrastructure Management
- Wireless Distribution Service (WDS), including Wireless Network Management
- WLAN Installation and Troubleshooting

Course Duration

2 weeks

Course Cost

R20 000.00 Excl. VAT Per person

Contact

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