

Project Summary

Cisco Training

The challenge

Cisco Systems has frequently engaged Chesapeake NetCraftsmen's Cisco Certified Systems instructors to provide Instructor-Led Training Courses. Chesapeake NetCraftsmen has made instructors available to Cisco Systems, to deliver courses both on- and off-site, who are particularly well-versed in the required topics.

The Chesapeake NetCraftsmen solution

While the client normally provides the necessary lab equipment, projector and facilities for these courses, when necessary we have also provided all requirements for course delivery, from start to finish. Courses offered to Cisco Systems employees have included:

- **3-Day Custom OSPF Seminar covering:**
OSPF Advantages, OSPF Basic Commands, OSPF Fundamentals, OSPF Scalability Features, Hierarchical Addressing and OSPF Summarization, Stub Areas, Totally Stubby Areas, *OSPF Summarization Revisited*, *Issues Running OSPF Over NBMA Networks*, Redistribution, Not-So-Stubby-Areas (NSSA), Miscellaneous Configuration Issues, Virtual Links, OSPF Demand Circuits, OSPF Troubleshooting, and other OSPF related topics.
- **3-Day Custom QOS Seminar covering:**
Introduction, Overview, Classification and Marking Lab, Congestion Management Lab, Congestion Avoidance Lab, Link Efficiency Tools Lab, Policing and Shaping Objectives Lab, Call Admission Control Lab, Management Tools Lab, QoS Design Lab: QoS SuperLab (from scratch), Wrap-up
- **2.5-Day Custom VPN Seminar covering:**
Network Security and the Cisco Virtual Private Network, Overview of Virtual Private Networks and IPSec Technologies, Cisco Virtual Private Network 3000 Concentrator Series Hardware Overview, Configuring the Cisco Virtual Private Network 3000 for Remote Access Using Pre-Shared Keys, Configuring the Cisco Virtual Private Network 3000 for Remote Access Using Digital Certificates, Monitor and Administer Cisco VPN 3000 Remote Access Networks, Configuring Cisco VPN 3002 for Remote Access Using Pre-Shared Keys, Cisco Virtual Private Network 3000 LAN-to-LAN with Pre-Shared Keys, Configuring Cisco Virtual Private Network 3000 Site-to-Site Using Digital Certificates, Configuring Cisco IOS IPSec for Pre-shared Keys Site-to-Site, Configuring Cisco IOS IPSec Certification Authority Support Site-to-Site, Configuring the PIX Firewall for IPSec Pre-Shared Keys for Site-to-Site, Configuring the PIX Firewall Certificate Authority Support Site-to-Site, Configuring Cisco IOS for Generic Routing Encapsulation (GRE)

The results

Having taught numerous courses on numerous occasions, Chesapeake NetCraftsmen has ensured proper knowledge transfer and engineer skills development. This training has made it much easier for the client to grow their business by allowing them to go into areas where the new skills and knowledge are required for proper completion of their assignments.