



Western Group (Thailand) Co., Ltd.

Western Group (Thailand),Ltd.
31/92 Rangsit-Klong 7 Rd., Lam luk ka,
Patum-tani, 12150, THAILAND
Tel: +662 909-3691, Mobile: +66(0)8-1908-1052
Fax: +662 909-3691

Building Cisco Remote Access Network (BCRAN)

Duration: 5 Days

Course Content

In this course, students will learn how to build, configure and troubleshoot a remote access network to interconnect central sites to branch offices and small offices/home offices. Students will also learn how to control access using basic authentication and authorization configurations, how to maximize bandwidth utilization over the remote links, and how to set up virtual private networks (VPNs) using IPsec.

Course Outline

- Asynchronous Remote Access
 - Modem Theory
 - Using Asynchronous Modem with Cisco Router
 - Remote Access using PPP
 - PPP CHAP and PAP Authentication

- ISDN Remote Access
 - ISDN Concepts
 - BRI-to-PRI
 - PRI-to-PRI
 - Legacy DDR
 - Dialer Profiles DDR

- Frame-relay
 - Frame-relay Concepts
 - Frame-relay Configuration

- Backup
 - Backup Interface
 - Dialer Watch

- QoS in Remote Access Network
 - Queuing
 - Compression

- Network Address Translation
 - Static NAT
 - Dynamic NAT
 - PAT
 - Load balancing NAT

- Broadband Remote Access
 - DSL Concepts and Configuration

- Virtual Private Network
 - VPN Concepts
 - IPSEC Concepts
 - VPN Implementation