



CNT-105 Windows Server – Install and Storage

Description:

Packed with a wealth of hands-on activities, CNT-105, empowers students to successfully pass the MCSE/MCSA certification exam while also equipping students to face the real-world challenges of a Microsoft® networking professional. This engaging course emphasizes the key skills necessary to manage and configure a Windows Server 2016 network. Comprehensive coverage addresses TCP/IP configuration, including IPv6, DNS configuration, DHCP implementation and management, deploying remote access, configuring distributed network file services, and high-performance network solutions. In addition, hands-on labs and meaningful case projects offer extensive opportunities for students to apply what they learn in real practice.

Textbook: MCSA Guide to Networking with Windows Server 2016, Exam 70-741 1st Ed. – Tomsho – ISBN: 9781337400800

Course objectives:

Throughout the course, you will meet the following goals:

- Describe the TCP/IP protocol and its components.
- Describe, install, and configure Domain Name System (DNS).
- Manage and monitor the DNS server; implement and configure DNS security.
- Describe the purpose and infrastructure options of Internet Protocol.
- Describe, install, and configure Network Policy Server (NPS) and RADIUS.
- Configure DFS servers and implement high-performance network solutions.

Contents:

Ch 1: Configuring TCP/IP

Ch 2: Configuring DNS Servers

Ch 3: Configuring Advanced DNS

Ch 4: Implementing DHCP

Ch 5: Managing DNS and DHCP with IPAM

Ch 6: Implementing Remote Access

Ch 7: Implementing Network Policy Server

Ch 8: Configuring Distributed File System and BranchOffice

Ch 9: Implementing Advanced Network Solutions

Grading Scale

A = 95-100%

B = 88-94.9%

C = 80-87.9%

D = 70-79.9%

F = Below 70%

Grade Weighting

Chapter Quizzes..... 70%

Final Exam 30%

100%