

HCNA-HNTD Huawei Network Technology and Device Training

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- Module 1-Building Basic IP Networks
 - Enterprise Network Constructs
 - Ethernet Framing
 - IP Addressing
 - Internet Control Message Protocol
 - Address Resolution Protocol
 - Transport Layer Protocols
 - Data Forwarding Scenario
- Module 2-Huawei Device Navigation and Configuration
 - Expanding the Huawei Enterprise Network
 - Navigating the CLI
 - File System Navigation and Management
 - VRP Operating System Image Management
- Module 3-Supporting and Maintaining Enterprise Local Area Networks
 - Establishing a Single Switched Network
 - Spanning Tree Protocol
 - Rapid Spanning Tree Protocol
- Module 4-Establishing Internetwork Communication
 - Segmenting the IP Network
 - IP Static Routes
 - Distance Vector Routing with RIP
 - Link State Routing with OSPF
- Module 5-Implementing Network Application Services
 - DHCP Protocol Principles
 - FTP Protocol Principles
 - Telnet Protocol Principles
- Module 6-Local Enterprise Network Features and Services
 - Link Aggregation
 - VLAN Principles
 - GARP & GVRP
 - Wireless LAN Overview

- Module 7- Connecting Beyond the Enterprise Network
 - Bridging Enterprise Networks with Serial WAN Technology
 - Frame Relay Principles
 - Establishing DSL Networks with PPPoE
 - Network Address Translation
 - Establishing Enterprise Radio Access Network Solutions
- Module 8-Securing the Enterprise Network
 - Access Control Lists
 - AAA
 - Securing Data with IPSec VPN
 - Generic Route Encapsulation
- Module 9-Enterprise Network Management Solutions
 - Simple Network Management Protocol
 - eSight Network Management Solutions
- Module 10-Supporting IPv6 Networks
 - Introducing IPv6 Networks
 - IPv6 Routing Technologies
 - IPv6 Application Services – DHCPv6

Açıklamalar:

Ders anlatımları ve eğitim sonunda ODTÜ SEM tarafından yapılan Bitirme Sınavı Türkçe'dir. Sunumlar, Lab dökümanları İngilizcedir. Ders kitabı pdf olarak verilmektedir ve İngilizcedir. Yukarıdaki içerik HCNA (Huawei Certified Network Associate) sınavına yöneliktir. İstenmesi halinde H12-211 sınavına bağımsız sınav merkezlerinde girilebilir.

Derslerin %70'ine katılım sağlayanlara Katılım Belgesi verilmektedir. Bitirme sınavı yoklama sıkıntısı olmayan katılımcılar katılabilir.