TestOut

TestOut Routing and Switching Pro - English 7.0.x

MAPPING:

Cisco Network Academy CCNAv7
mapped to
TestOut Routing and Switching Pro 7.0.x

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Cisco Network Academy CCNAv7 Course Content mapped to the TestOut Routing and Switching Pro

CCNA 1 - Introduction to Networks

NetAcad Module	Testout Section and Title
1 - Networking Today	1.1 Introduction
2 - Basic Switch and End Device Configuration	2.6 Network Devices 3.1 Cisco Device Connection 3.2 Command Line Interface (CLI)
3 - Protocols and Models	2.1 TCP/IP Networking Model 2.2 OSI Networking Model
4 - Physical Layer	2.1 TCP/IP Networking Model 2.2 OSI Networking Model
5 - Number Systems	4.1 IPv4 Addressing Overview
6 - Data Link Layer	2.1 TCP/IP Networking Model 2.2 OSI Networking Model
7 - Ethernet Switching	2.5 Ethernet
8 - Network Layer	2.1 TCP/IP Networking Model 2.2 OSI Networking Model
9 - Address Resolution	2.4 Data Encapsulation and Communications 14.3 Switch Security
10 - Basic Router Configuration	2.6 Network Devices 3.1 Cisco Device Connection 3.2 Command Line Interface (CLI) 3.3 IOS Licensing 3.4 Device Settings
11 - IPv4 Addressing	4.1 IPv4 Addressing Overview
12 - IPv6 Addressing	4.5 IPv6 Addressing Overview
13 – ICMP	6.5 Network Communications Troubleshooting 14.8 Denial of Service
14 - Transport Layer	2.1 TCP/IP Networking Model 2.2 OSI Networking Model
15 - Application Layer	2.1 TCP/IP Networking Model 2.2 OSI Networking Model

	4.7 The Domain Name System (DNS)
16 - Network Security Fundamentals	9.7 Wireless Security 14.1 Network Threats
17 - Build a Small Network	

CCNA 2 - Switching, Routing, and Wireless Essentials

NetAcad Module	Testout Section and Title
1 - Basic Device Configuration	3.1 Cisco Device Connection 3.2 Command Line Interface (CLI) 3.3 IOS Licensing 3.4 Device Settings 3.5 Device Passwords
2 - Switching Concepts	5.1 Layer 2 Switching Overview 5.2 Switch Interface Configuration
3 – VLANs	11.1 Virtual LANs (VLANs) 11.2 Trunking
4 - Inter-VLAN Routing	11.5 Router-on-a-Stick InterVLAN Routing 11.6 Switch InterVLAN Routing
5 - STP Concepts	11.3 Spanning Tree 11.4 Spanning Tree Configuration
6 – EtherChannel	11.3 Spanning Tree 11.4 Spanning Tree Configuration
7 - DHCPv4	4.6 Dynamic Host Configuration Protocol (DHCP)
8 - SLAAC and DHCPv6	4.6 Dynamic Host Configuration Protocol (DHCP)
9 - FHRP Concepts	13.9 Default Gateway Redundancy
10 - LAN Security Concepts	14.1 Network Threats
11 - Switch Security Configuration	14.3 Switch Security
12 - WLAN Concepts	9.1 Wireless Concepts 9.2 Wireless Standards
13 - WLAN Configuration	9.3 Wireless Configuration

	9.4 Wireless Network Design 9.5 Wireless Network Implementation 9.6 SOHO Configuration 9.8 Wireless Troubleshooting
14 - Routing Concepts	6.1 IPv4 Routing 6.2 Static Routing 6.3 Dynamic Routing
15 - IP Static Routing	6.2 Static Routing
16 - Troubleshoot Static and Default Routes	6.4 IPv4 Routing Troubleshooting

CCNA 3 - Enterprise Networking, Security, and Automation

NetAcad Module	Testout Section and Title
1 - Single-Area OSPFv2 Concepts	7.1 Open Shortest Path First (OSPF) Overview
2 - Single-Area OSPFv2 Configuration	7.2 OSPF for IPv4 7.3 OSPF Configuration 7.4 OSPF LSA Types and Databases 7.5 Adjacency Troubleshooting 8.1 IPv6 Routing Overview 8.2 OSPFv3
3 - Network Security Concepts	14.1 Network Threats 14.2 Network Security Best Practices 14.4 Malware 14.5 Combat Malware 14.6 Sniffing 14.7 Session Hijacking 14.8 Denial of Service
4 - ACL Concepts	12.1 Access Control Lists (ACLs) 12.2 IPv6 and Extended ACLs
5 - ACLs for IPv4 Configuration	12.1 Access Control Lists (ACLs) 12.2 IPv6 and Extended ACLs
6 - NAT for IPv4	10.3 Network Address Translation (NAT)
7 - WAN Concepts	10.1 WAN Types 10.2 Leased Line WAN Links 10.4 WAN Troubleshooting

8 - VPN and IPsec Concepts	13.8 Virtual Private Networks and Remote Switch Access
9 - QoS Concepts	13.5 Quality of Service (QoS)
10 - Network Management	13.1 Network Time Protocol (NTP) 13.2 System Message Log 13.3 Simple Network Management Protocol 13.4 NetFlow
11 - Network Design	2.3 Networking Basics 9.4 Wireless Network Design
12 - Network Troubleshooting	6.4 IPv4 Routing Troubleshooting 6.5 Network Communications Troubleshooting 11.7 Switch Troubleshooting
13 - Network Virtualization	13.6 Enterprise Networking 13.7 Cloud Resources 13.8 Virtual Private Networks and Remote Switch Access
14 - Network Automation	13.10 Network Automation