

Course Outline for Network+ (N10-008) CertMaster Learn, Student Guide and CertMaster Labs

Course Outline	CertMaster Learn	Student Guide eBook	CertMaster Labs
Overview	Each of the bulleted	Review Activities are	Labs are available at the
	activities below is a	embedded within the	course level or integrated
	separate study task	eBook. Videos and Practice	as study tasks within
	within the CertMaster	Questions are found in the	CertMaster Learn.
	Learn learning plan.	CompTIA Learning Center,	
	Students are encouraged	the platform through which	
	number of tasks in each	the ebook is delivered.	
	login session based on		
	their desired course		
	completion date.		
Lesson 1: Comparing			
OSI Model Network			
Functions			
Topic 1A: Compare	Review Activity: OSI	Review Activity: OSI	
and Contrast USI	Model Layers	Model Layers	
woder Layers	PBQ: Compare and Contrast OSI Model		
Exam objectives			
covered:	Layers		
1.1 Compare and			
contrast the Open			
Systems			
Interconnection (OSI)			
model layers and			
encapsulation			
concepts.			
Topic 1B: Configure	Review Activity: Source Networks	Review Activity: SOHO	
SONO NELWORKS	SURU NELWORKS	Networks	
Exam objectives			
covered:			
1.1 Compare and			
contrast the Open			
Systems			
Interconnection (OSI)			
model layers and			
encapsulation			
concepts.			
	Lesson 1: Practice Ouestions	Lesson 1: Practice Ouestions	 Assisted Lab: Evaluring the Lab
	Questions	Questions	Environment

Course Outline	CertMaster Learn	Student Guide eBook	CertMaster Labs
			 Assisted Lab:
			Configure a SOHO
			Router
Lesson 2: Deploying			
Ethernet Cabling			
Topic 2A: Summarize	Review Activity:	Review Activity:	
Ethernet Standards	Ethernet Standards	Ethernet Standards	
Exam objectives			
covered.			
1.3 Summarize the			
types of cables and			
connectors and			
explain which is the			
appropriate type for a			
solution.			
2.3 Given a scenario,			
configure and deploy			
common Ethernet			
switching features.			
(CSIMA/CD ONIY)	a Davian Activity	a Daview Activity Company	
Copper Cabling Types	Review Activity: Conner Cabling Types	Review Activity: Copper Cabling Types	
copper cabining rypes		Cabing Types	
Exam obiectives			
covered:			
1.3 Summarize the			
types of cables and			
connectors and			
explain which is the			
appropriate type for a			
solution.			
Topic 2C: Summarize	Review Activity: Fiber	Review Activity: Fiber	
	Optic Cabling Types	Optic Cabling Types	
Types			
Exam objectives			
covered:			
1.3 Summarize the			
types of cables and			
connectors and			
explain which is the			
appropriate type for a			
solution.			

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Topic 2D: Deploy	Review Activity:	Review Activity:	
Ethernet Cabling	Ethernet Cabling	Ethernet Cabling	
	• PBQ: Deploy and		
Exam objectives	Terminate Ethernet		
covered:	Cabling		
1.3 Summarize the	5		
types of cables and			
connectors and			
explain which is the			
appropriate type for a			
solution.			
5.2 Given a scenario.			
troubleshoot common			
cable connectivity			
issues and select the			
annronriate tools			
	Lesson 2: Practice	Lesson 2: Practice	
	Questions	Questions	
Lesson 3: Deploying			
Ethernet Switching			
Topic 3A: Deploy	Beview Activity:	Beview Activity:	
Networking Devices	Networking Devices	Networking Devices	
Networking Devices	BBO: Deploying	Networking Devices	
Exam objectives	PBQ: Deploying		
covered:	Networking Devices		
2 1 Compare and			
contrast various			
devices their features			
and their appropriate			
nlacement on the			
network			
Tonic 3B: Explain	Review Activity:	Boview Activity:	
Network Interfaces	Network Interfaces	Network Interfaces	
Network interfaces	Network interfaces	Network interfaces	
Exam objectives			
covered			
1 1 Compare and			
contrast the Open			
Suctome			
Jystellis			
model layers and			
ancanculation			
concents			

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 5.2 Given a scenario, troubleshoot common cable connectivity issues and select the appropriate tools. (Tap only) 5.3 Given a scenario, use the appropriate network software tools and commonds 			
tools and commands.			
(ICpdump only)Topic 3C: DeployCommon EthernetSwitching FeaturesExam objectivescovered:2.3 Given a scenario,configure and deploycommon Ethernetswitching features.	 Video: Configuring and Deploying Common Ethernet Switching Features Review Activity: Common Ethernet Switching Features 	 Video: Configuring and Deploying Common Ethernet Switching Features Review Activity: Common Ethernet Switching Features 	
5.3 Given a scenario, use the appropriate network software tools and commands.			
	Lesson 3: Practice Questions	Lesson 3: Practice Questions	 Assisted Lab: Capture Network Traffic Assisted Lab: Configure Interface Settings
Lesson 4:		1	-
Troubleshooting Ethernet Networks			
Topic 4A: Explain Network Troubleshooting Methodology <i>Exam objectives</i> <i>covered:</i> <i>5.1 Explain the</i> <i>network</i> <i>troubleshooting</i> <i>methodology</i> .	 Review Activity: Network Troubleshooting Methodology PBQ: Network Troubleshooting Methodology 	 Review Activity: Network Troubleshooting Methodology 	

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Topic 4B:	Video:	Video: Troubleshooting	
Troubleshoot	Troubleshooting	Common Cable	
Common Cable	Common Cable	Connectivity Issues	
Connectivity Issues	Connectivity Issues	Review Activity:	
Exam objectives	Review Activity:	Common Cable	
covered:	Common Cable	Connectivity Issues	
E 2 Civan a scanaria	Connectivity Issues		
5.2 Given a scenario,			
cable connectivity			
issues and select the			
appropriate tools			
	Lesson /: Practice	Lesson 4: Practice	
	Lesson 4. Mactice Ouestions	Questions	
Lesson 5: Explaining			
IPv4 Addressing			
Topic 5A: D Explain	Review Activity: IPv4	Review Activity: IPv4	
IPv4 Addressing	Addressing Schemes	Addressing Schemes	
Schemes			
Exam objectives			
covered:			
1.1 Compare and			
contrast the Open			
Systems			
Interconnection (OSI)			
model layers and			
encapsulation			
concepts. (IP header			
oniy)			
1 5 5			
1.5 Explain common			
their application and			
anerunted			
alternatives (ID			
notocol types only			
Topic EP: Explain IDv4	• Dovious Activity (Dy)		
Forwarding	Review Activity: IPV4 Forwarding	Review Activity: IPV4 Forwarding	
	roiwarung	ruiwaruing	
Exam objectives			
covered:			
1.4 Given a scenario.			
configure a subnet			

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and use appropriate IP			
addressing schemes.			
Topic 5C: Configure IP Networks and Subnets <i>Exam objectives</i> <i>covered:</i> 1.4 Given a scenario, <i>configure a subnet</i> <i>and use appropriate IP</i> <i>addressing schemes.</i>	 Video: Configuring a Subnet and Using Appropriate IP Addressing Schemes Review Activity: IP Networks and Subnets Configurations Review Activity: Design an IP Subnet PBQ: Configure IP Networks and Subnets 	 Video: Configuring a Subnet and Using Appropriate IP Addressing Schemes Review Activity: IP Networks and Subnets Configurations Review Activity: Design an IP Subnet 	
	Lesson 5: Practice Questions	Lesson 5: Practice Questions	 Assisted Lab: Configure IPv4 Static Addressing Assisted Lab: Analyze ARP Traffic
Lesson 6: Supporting IPv4 and IPv6 Networks			
Topic 6A: Use Appropriate Tools to Test IP Configuration <i>Exam objectives</i> <i>covered:</i> 1.5 <i>Explain common</i> <i>ports and protocols,</i> <i>their application, and</i> <i>encrypted</i> <i>alternatives. (ICMP</i> <i>only)</i>	 Video: Using the Appropriate Network Software Tools and Commands Review Activity: Test IP Configuration PBQ: Use Appropriate Tools to Test IP Configuration 	 Video: Using the Appropriate Network Software Tools and Commands Review Activity: Test IP Configuration 	
5.3 Given a scenario, use the appropriate network software tools and commands.			
Topic 6B: Troubleshoot IP Networks	Review Activity: Troubleshoot IP Networks	Review Activity: Troubleshoot IP Networks	

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Exam objectives	PBQ: Troubleshoot IP		
covered:	Networks		
5.5 Given a scenario,			
troubleshoot general			
networking issues.			
Topic 6C: Explain IPv6	Review Activity: IPv6	Review Activity: IPv6	
Addressing Schemes	Addressing Schemes	Addressing Schemes	
Exam objectives			
covered: 1.4 Given a			
scenario, configure a			
subnet and use			
appropriate IP			
addressing schemes.			
2.3 Given a scenario,			
configure and deploy			
common Ethernet			
switching features.			
(ND protocol only)			
	Lesson 6: Practice	• Lesson 6: Practice	Assisted Lab: Use
	Questions	Questions	Tools to Test IP
			Configuration
			Assisted Lab:
			Configure IPv6 Static
			Addressing
Lesson 7: Configuring			
and Troubleshooting			
Routers			
Topic 7A: Compare	Review Activity:	Review Activity: Routing	
and Contrast Routing	Routing Concepts	Concepts	
Concepts			
Exam objectives			
covered:			
2.2 Compare and			
contrast routing			
technologies and			
banawiath			
concents			
Tonic 7B: Compare		Poviow Activity:	
and Contrast Dynamic	Review Activity:	Review Activity: Dynamic Pouting	
Routing Concents		Concepts	
in a concepts	Concepts	concepts	

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Exam objectives	Review Activity:	Review Activity: Design	
covered:	Design VLSM Subnets	VLSM Subnets	
1.4 Given a scenario,			
configure a subnet			
and use appropriate IP			
addressing schemes.			
2.2 Compare and contrast routing technologies and bandwidth management concepts. Topic 7C: Install and Troubleshoot Routers <i>Exam objectives</i> covered: 1.4 Given a scenario, configure a subnet and use appropriate IP addressing schemes. (Subinterfaces only) 2.1 Compare and contrast various devices, their features, and their appropriate placement on the network. 5.3 Given a scenario, use the appropriate network software	 Video: Troubleshooting General Networking Issues Review Activity: Router Installation and Troubleshooting Review Activity: Design a Branch Office Internetwork PBQ: Install and Troubleshoot Routers 	 Video: Troubleshooting General Networking Issues Review Activity: Router Installation and Troubleshooting Review Activity: Design a Branch Office Internetwork 	
tools and commands. 5.5 Given a scenario, troubleshoot general			
networking issues.			
	Lesson 7: Practice Questions	Lesson 7: Practice Questions	 Assisted Lab: Configure Static Routing Assisted Lab: Configure Dynamic Routing

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Lesson 8: Explaining			
Network Topologies			
and Types			
Topic 8A: Explain	Review Activity:	Review Activity:	
Network Types and	Network Types and	Network Types and	
Characteristics	Characteristics	Characteristics	
Exam objectives			
covered:			
1.2 Explain the			
characteristics of			
network topologies			
and network types.			
Topic 8B: Explain	Review Activity:	Review Activity: Tiered	
Tiered Switching	Tiered Switching	Switching Architecture	
Architecture	Architecture		
Exam objectives			
covered:			
1.7 Explain basic			
corporate and			
datacenter network			
architecture.			
2.3 Given a scenario,			
configure and deploy			
common Ethernet			
switching features.			
(STP only)			
5.5 Given a scenario,			
networking issues			
Tonic 8C: Evolain	Poviow Activity:	Poviow Activity: Virtual	
Virtual I ANs	Virtual LANc		
Exam objectives			
covered:	LAINS		
2.3 Given a scenario.			
configure and deploy			
common Ethernet			
switching features.			
	Lesson 8: Practice	Lesson 8: Practice	APPLIED LAB:
	Questions	Questions	Troubleshoot IP
			Networks

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Lesson 9: Explaining			
Transport Layer			
Protocols			
Topic 9A: Compare	Review Activity:	Review Activity:	
and Contrast	Transport Protocols	Transport Protocols	
Transport Protocols			
Exam objectives covered: 1.1 Compare and contrast the Open Systems Interconnection (OSI) model layers and encapsulation concepts. 1.5 Explain common ports and protocols, their application, and encrypted			
alternatives			
Topic QB: Use	Boviow Activity: Dort	Boviou Activity: Port	
Appropriate Tools to Scan Network Ports	Review Activity: Port Scanning	Review Activity: Port Scanning	
Exam objectives covered: 5.3 Given a scenario, use the appropriate network software tools and commands.			
	Lesson 9: Practice Questions	Lesson 9: Practice Questions	 Assisted Lab: Use Network Scanners
Lesson 10: Explaining Network Services			
Topic 10A: Explain the Use of Network Addressing Services <i>Exam objectives</i> <i>covered:</i> 1.5 <i>Explain common</i> <i>ports and protocols,</i> <i>their application, and</i> <i>encrypted</i>	 Review Activity: Network Addressing Services 	Review Activity: Network Addressing Services	

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alternatives. (DHCP			
only)			
1.6 Explain the use			
and purpose of			
network services.			
Topic 10B: Explain the	Review Activity:	Review Activity: Name	
Use of Name	Name Resolution	Resolution Services	
Resolution Services	Services		
	Scivices		
Exam objectives			
covered:			
1 E Evolain common			
1.5 Explain common			
ports and protocols,			
their application, and			
encryptea			
alternatives. (DNS			
only)			
1.6 Explain the use			
and purpose of			
network services.			
Topic 10C: Configure	Review Activity: DNS	Review Activity: DNS	
DNS Services	Services	Services	
	PBQ: Configure DNS		
Exam objectives	Services		
covered:			
1.6 Explain the use			
and purpose of			
network services.			
5.3 Given a scenario,			
use the appropriate			
network software			
tools and commands.			
	Lesson 10: Practice	Lesson 10: Practice	Assisted Lab: Analyze
	Questions	Questions	a DHCP Server
			Configuration
			 Assisted Lah: Analyze
			computation
Network Applications			
	a Davian Astricture		
TOPIC TTA: Explain the	Review Activity:	Review Activity: Review	
Use of web, File/Print,	Review Activity: Use	Activity: Use of Web,	
and Database Services			

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	of Web, File/Print,	File/Print, and Database	
Exam objectives	and Database	Services	
covered:	Services		
1.5 Explain common			
ports and protocols,			
their application, and			
encrypted			
alternatives.			
2.1 Compare and			
contrast various			
aevices, their features,			
and their appropriate			
placement on the			
network. (Printer only)			
5 3 Given a scenario			
use the appropriate			
network software			
tools and commands.			
(TFTP server only)			
Topic 11B: Explain the	Review Activity: Use	Review Activity: Use of	
Use of Email and Voice	of Email and Voice	Email and Voice Services	
Services	Services		
	• PBO: Explain the Use		
Exam objectives	of Email and Voice		
covered:	Services		
1.5 Explain common	50111003		
ports and protocols,			
their application, and			
encrypted			
alternatives.			
2.1 Compare and			
contrast various			
devices, their features,			
and their appropriate			
placement on the			
	Loccon 11: Prosting	Losson 11: Prostice	Accisted Laby Apolytes
	Lesson II: Practice Ouestions	Lesson II: Practice Ouestions	 Assisted Lab: Analyze Application Security
	Questions	Questions	Configurations
Lesson 12: Ensuring			
Network Availability			

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Topic 12A: Explain the	•	Review Activity:	٠	Review Activity:	
Use of Network		Network		Network Management	
Management Services		Management		Services	
		Services			
Exam objectives		PBO: Evolain the Lise			
covered:	•	of Notwork			
1.5 Explain common		Of Network			
norts and protocols.		Management			
their application and		Services			
encrunted					
altornativos					
ulternutives.					
1.6 Explain the use					
and purpose of					
network services.					
5.3 Given a scenario,					
use the appropriate					
network software					
tools and commands.					
Topic 12B: Use Event	•	Review Activity:	•	Review Activity: Ensure	
Management to		Ensure Network		Network Availability	
Ensure Network		Availability with		with Event Management	
Availability		Event Management			
	•	PBQ: Use Event			
Exam objectives		Management to			
covered:		Ensure Network			
1.5 Explain common		Availability			
ports and protocols,		-			
their application, and					
encrypted					
alternatives.					
3.1 Given a scenario,					
use the appropriate					
statistics and sensors					
to ensure network					
availability.					
Topic 12C: Use	•	Video: Using the	•	Video: Using the	
Performance Metrics		Appropriate Statistics		Appropriate Statistics	
to Ensure Network		and Sensors to		and Sensors to Ensure	
Availability		Ensure Network		Network Availability	
		Availability	•	Review Activity: Ensure	
Exam objectives	•	Review Activity:		Network Availability	
covered:	1	Ensure Network			

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2.2 Compare and	Availability with	with Performance	
contrast routing	Performance Metrics	Metrics	
technologies and			
bandwidth			
management			
concepts.			
 3.1 Given a scenario, use the appropriate statistics and sensors to ensure network availability. 5.3 Given a scenario, use the appropriate 			
network software			
tools and commands.			
Lesson 13: Explaining Common Security	Lesson 12: Practice Questions	Lesson 12: Practice Questions	 Assisted Lab: Configure Secure Access Channels Assisted Lab: Configure SNMP and Syslog Collection Assisted Lab: Analyze Network Performance APPLIED LAB: Verify Service and Application Configuration
Tonic 13A: Explain	Poviow Activity:	Poviow Activity:	
Common Security Concepts	Common Security Concepts	Common Security Concepts	
Exam objectives covered: 4.1 Explain common security concepts.			
Topic 13B: Explain Authentication Methods	 Review Activity: Authentication Methods 	Review Activity: Authentication Methods	
Exam objectives covered:			

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1.5 Explain common			
ports and protocols,			
their application, and			
encrypted			
alternatives.			
4.1 Explain common			
security concepts.			
	Lesson 13: Practice	Lesson 13: Practice	
	Questions	Questions	
Lesson 14: Supporting			
and Troubleshooting			
Secure Networks			
Tonic 14A: Compare	Boyiow Activity:	Poviow Activity: Socurity	
and Contrast Security	Courity Appliances	Appliances	
Annliances		Appliances	
Appliances	PBQ: Compare and		
Exam objectives	Contrast Security		
covered:	Appliances		
1 A Given a scenario			
configure a subnet			
and use appropriate IP			
addressing schemes			
uuuressing schemes.			
2.1 Compare and			
2.1 Compute unu			
devices their features			
and their appropriate			
and their uppropriate			
plucement on the			
network.			
11 Eveloin common			
4.1 Explain common			
Security concepts.		- Deview Activity Convice	
Troubloshast Comiles	Review Activity:	Keview Activity: Service	
and Socurity Issues	Service and Security	and Security Issues	
and security issues	Issues	Review Activity:	
France abianting	Review Activity:	Scenarios in Service and	
Exam objectives	Scenarios in Service	Security Issues	
coverea:	and Security Issues		
5.5 Given a scenario,			
troubleshoot general			
networking issues.			
	Lesson 14: Practice	Lesson 14: Practice	Assisted Lab:
	Questions	Questions	Configure a NAT
			Firewall

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Lesson 15: Deploying			
and Troubleshooting			
Wireless Networks			
Topic 15A: Summarize	Review Activity:	Review Activity:	
Wireless Standards	Wireless Standards	Wireless Standards	
Exam objectives covered: 2.4 Given a scenario, install and configure			
the appropriate			
wireless standards and			
technologies.			
Topic 15B: Install Wireless Networks Exam objectives	 Video: Installing and Configuring the Appropriate Wireless Standards and 	 Video: Installing and Configuring the Appropriate Wireless Standards and 	
covered:	Technologies	Technologies	
2.1 Compare and	Review Activity:	Review Activity:	
contrast various	Wireless Network	Wireless Network	
devices, their features,	Installation	Installation	
and their appropriate			
placement on the			
network.			
2.4 Given a scenario, install and configure			
wireless standards and			
technologies			
Tonic 15C	• Video:	Video: Troubleshooting	
Troubleshoot Wireless		Common Wireless	
Networks	Common Wireless	Connectivity Issues	
	Connectivity Issues	Beview Activity:	
Exam objectives	Review Activity:	Wireless Network	
covered:	Wireless Network	Troubleshooting	
2.4 Given a scenario,		nousieshooting	
install and configure	Troubleshooting		
the appropriate			
technologies			
icennologies.			
5.3 Given a scenario,			
network software			
tools and commands			

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5.4 Given a scenario,			
troubleshoot common			
wireless connectivity			
issues.			
Topic 15D: Configure	Review Activity:	Review Activity:	
and Troubleshoot	Wireless Security	Wireless Security	
Wireless Security	Configuration and	Configuration and	
	Troubleshooting	Troubleshooting	
Exam objectives			
covered:			
2.4 Given a scenario,			
install and configure			
the appropriate			
wireless standards and			
technologies.			
E 4 Ciuon a coordina			
5.4 Given a scenario,			
uiroloss connectivity			
issues			
155005.	Losson 15: Practico	Losson 15: Practico	
	Lesson 15. Fractice	Lesson 15. Fractice	
Loccon 16: Comparing	Questions	Questions	
WAN Links and			
Remote Access			
Methods			
Tonic 16A: Explain	Review Activity:	Beview Activity: Explain	
WAN Provider Links	Explain WAN	WAN Provider Links	
	Brovider Links	WANT TOUGET LINKS	
Exam obiectives	FIOVICEI LINKS		
covered:			
1.2 Explain the			
characteristics of			
network topologies			
and network types.			
2.1 Compare and			
contrast various			
devices, their features,			
and their appropriate			
placement on the			
network.			
Topic 16B: Compare	Review Activity:	Review Activity: Remote	
and Contrast Remote	Remote Access	Access Methods	
Access Methods	Methods		

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Exam objectives	PBQ: Compare and		
covered:	Contrast Remote		
1.5 Explain common	Access Methods		
ports and protocols,			
their application, and			
encrypted			
alternatives.			
2.1 Compare and			
contrast various			
aevices, their features,			
and their appropriate			
placement on the			
herdond only)			
neudend only)			
4 4 Compare and			
contrast remote			
access methods and			
security implications.			
	Lesson 16: Practice	Lesson 16: Practice	Assisted Lab:
	Questions	Questions	Configure Remote
			Access
			Troubleshoot Service
			and Security Issues
Lesson 17: Explaining			
Organizational and			
Physical Security			
Concepts			
Topic 17A: Explain	Review Activity:	Review Activity:	
Organizational	Organizational	Organizational	
Documentation and	Documentation and	Documentation and	
Policies	Policies	Policies	
Exam objectives			
covered:			
3.2 Explain the			
purpose of			
organizational documents and			
Tonic 17B. Evolain	Poviow Activity:	Poviow Activity: Physical	
Physical Security	Review Activity: Dhysical Security:	Review Activity: Physical Socurity Mathada	
Methods	Mothodo	Security Methods	
	WELHOUS		

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Exam objectives						
covered:						
4.5 Explain the						
importance of physical						
security.						
Topic 17C: Compare	•	Review Activity:	•	Review Activity: Internet		
and Contrast Internet		Internet of Things		of Things Devices		
of Things Devices		Devices		-		
Exam objectives						
covered.						
2 1 Compare and						
contrast various						
devices their features						
and their appropriate						
nlacement on the						
network						
	•	Lesson 17. Practice	•	Lesson 17. Practice	•	Assisted Lah: Develop
		Questions		Questions	_	Network
		Questions		Questions		Decumentation
						Documentation
Lesson 18: Explaining						
Disaster Recovery and						
High Availability						
Concepts						
Topic 18A: Explain	•	Review Activity:	•	Review Activity: Disaster		
Disaster Recovery		Disaster Recovery		Recovery Concepts		
Concepts		Concepts				
Exam objectives						
covered:						
3 3 Explain high						
availability and						
disaster recovery						
concents and						
summarize which is						
the hest solution						
Tonic 18B: Explain		Poviow Activity: High		Poviow Activity: High		
High Availability		Availability Conconte		Availability Concents		
Concents				Availability Concepts		
	•	PBQ: Explain High				
Exam objectives		Availability Concepts				
covered						
1 A Given a scenario						
configure a subnet						
and use appropriate ID						
and use appropriate IP						

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addressing schemes.			
(Virtual IP only)			
2.1 Compare and			
contrast various			
devices, their features,			
and their appropriate			
placement on the			
network. (Load			
Balancer only)			
3.3 Explain hiah			
availability and			
disaster recovery			
concepts and			
summarize which is			
the best solution.			
	Lesson 18: Practice	Lesson 18: Practice	Assisted Lab: Backup
	Questions	Questions	and Restore Network
	Questions	Questions	
Losson 19: Applying			
Notwork Hardoning			
Techniques			
Tenic 104: Compare	a Daview Astivity		
and Contract Types of	Review Activity:	Review Activity: Types	
Attacks	Types of Attacks	of Attacks	
ALIDERS	PBQ: Compare and		
Exam objectives	Contrast Types of		
covered:	Attacks		
A 2 Compare and			
4.2 Compute unu			
types of attacks			
Topic 198: Apply	Video: Applying	Video: Applying	
Network Hardening	Video. Applying	Video. Apprying	
Techniques			
reeninques	rechniques	rechniques	
Exam objectives	Review Activity:	Review Activity:	
covered:	Network Hardening	Network Hardening	
A 3 Given a scenario	Techniques	Techniques	
annly network			
hardenina techniques			
naracining (coninques.	Lesson 19: Practice	Lesson 19: Practice	Assisted Lab: Analyze
	Ouestions	Questions	an On noth Attack
	Questions	Questions	
			Assisted Lab:
			Configure Port
			Security

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Lesson			
20: Summarizing			
Cloud and Datacenter			
Architecture			
Topic 20A: Summarize	Review Activity:	Review Activity: Cloud	
Cloud Concepts	Cloud Concepts	Concepts	
Exam objectives			
covered:			
1.8 Summarize cloud			
concepts and			
connectivity options.			
Topic 20B: Explain	Review Activity:	Review Activity:	
Virtualization and	Virtualization and	Virtualization and	
Storage Area Network	Storage Area	Storage Area Network	
Technologies	Network	Technologies	
	Technologies	_	
Exam objectives			
covered:			
1.2 Explain the			
characteristics of			
network topologies			
and network types.			
1.7 Explain basic			
corporate and			
aatacenter network			
architecture.			
Topic 20C: Explain	Review Activity:	Review Activity:	
Datacenter Network	Datacenter Network	Datacenter Network	
Architecture	Architecture	Architecture	
Evam objectives	PBQ: Explain		
exum objectives	Datacenter Network		
1 2 Evolain the	Architecture		
characteristics of			
network topologies			
and network types			
and network types.			
1.7 Explain basic			
corporate and			
datacenter network			
architecture.			
	Lesson 20: Practice	Lesson 20: Practice	
	Questions	Questions	
	Final Assessment	Final Assessment	

Course Outline	CertMaster Learn	Student Guide eBook	CertMaster Labs
Student Resources	 Strengths and Weaknesses Dashboard Flashcards Game Center Mapping Course 	Strengths and Weaknesses Dashboard Manning Course	
	Content to CompTIA Network+ N10-008 (pdf)	Content to CompTIA Network+ N10-008 (pdf)	
Instructor Resources	 Presentation Planner for Network+ N10- 008 (xlsx) Transition Guide for Official CompTIA Network+ Exam N10- 007 to Official CompTIA Network+ N10-008 (pdf) Onboarding Guide for Official CompTIA Network+ N10-008 Content (pdf) Mapping Course Content to CompTIA Network+ N10-008 (pdf) Instructor PowerPoint Presentations for Network+ N10-008 (zip) 	 Presentation Planner for Network+ N10-008 (xlsx) Transition Guide for Official CompTIA Network+ Exam N10- 007 to Official CompTIA Network+ N10-008 (pdf) Onboarding Guide for Official CompTIA Network+ N10-008 Content (pdf) Mapping Course Content to CompTIA Network+ N10-008 (pdf) Instructor PowerPoint Presentations for Network+ N10-008 (zip) 	



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