





	Answer 6:	
u Answered	digital signature	
rrect Answer	Digital Signature	
rrect Answer	Authentication	
	Question 8 1/1 pts	
	The OSPF routing protocol uses a MAC (Message Authentication Code) rather than digital signatures to provide message integrity. Why do you think a MAC was chosen over digital signatures? Select one or more of the following justifications.	
	Chosen MAC over digital signatures was a legacy	
	Routers are generally closed systems and only the administrator can deploy keys.	
	MAC is easier to deploy	
Correct!	For OSPF, all routers are in a same domain, so the administrator can easily deploy the symmetric key on each router, without the need of a public key infrastructure needed for digital signatures.	
	Question 9 0.5 / 1 pts	
	A firewall isolates an organization's internal network from the Internet at large, allowing some packets to pass and blocking others. A firewall allows a network administrator to control access between the outside world and resources within the administered network by managing the traffic flow to and from these resources. Which of the following are true statements/ characteristics about a firewall?	
rrect Answer	All traffic from outside to inside and vice versa, passes through the firewall.	
Correct!	Only authorized traffic, as defined by the local security policy, will be allowed to pass.	
	☐ It can only be implemented in Software.	
	Question 10 0.5 / 1 pts	
	A firewall is a combination of hardware and software that isolates an organization's internal network from the Internet at large, allowing some packets to pass and blocking others. A firewall allows a network administrator to control access between the outside world and resources within the administered network by managing the traffic flow to and from these resources. Which of the following are true statements/ characteristics about a firewall?	
rrect Answer	☐ The firewall itself is immune to penetration	
rrect Answer	☐ The firewall itself is immune to penetration	
rrect Answer	All traffic from outside to inside and vice versa, passes through the firewall.	
Correct!	✓ A firewall can operate as a traditional packet filter, a stateful filter, or an application gateways.	
Correct!	Only authorized traffic, as defined by the local security policy, will be allowed to pass.	
	Quiz Score: <b>7.</b>	83 out o
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