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Cisco
Exam Questions 640-554
Implementing Cisco IOS Network Security (IINS v2.0)

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1. Which two features are supported by Cisco IronPort Security Gateway? (Choose two.)

A. Spam protection  
B. Outbreak intelligence  
C. HTTP and HTTPS scanning  
D. Email encryption  
E. DDoS protection  

Answer: AD

2. Which option is a feature of Cisco ScanSafe technology?

A. spam protection  
B. consistent cloud-based policy  
C. DDoS protection  
D. RSA Email DLP  

Answer: B

3. Which two characteristics represent a blended threat? (Choose two.)

A. man-in-the-middle attack  
B. trojan horse attack  
C. pharming attack  
D. denial of service attack  
E. day zero attack  

Answer: BE

4. Under which higher-level policy is a VPN security policy categorized?

A. application policy  
B. DLP policy  
C. remote access policy  
D. compliance policy  
E. corporate WAN policy  

Answer: C

5. Refer to the exhibit.

```
router#sh run | include username
username test secret 5 $1$kmn.$GOGQBL8TK77P0LWxyX4O0
```

What does the option secret 5 in the username global configuration mode command indicate about the user password?

A. It is hashed using SHA.  
B. It is encrypted using DH group 5.  
C. It is hashed using MD5.  
D. It is encrypted using the service password-encryption command.  
E. It is hashed using a proprietary Cisco hashing algorithm.  
F. It is encrypted using a proprietary Cisco encryption algorithm.  

Answer: C
6. What does level 5 in this enable secret global configuration mode command indicate? router#enable secret level 5 password

A. The enable secret password is hashed using MD5.
B. The enable secret password is hashed using SHA.
C. The enable secret password is encrypted using Cisco proprietary level 5 encryption.
D. Set the enable secret command to privilege level 5.
E. The enable secret password is for accessing exec privilege level 5.

Answer: D

7. Which Cisco management tool provides the ability to centrally provision all aspects of device configuration across the Cisco family of security products?

A. Cisco Configuration Professional
B. Security Device Manager
C. Cisco Security Manager
D. Cisco Secure Management Server

Answer: C

8. Which option is the correct representation of the IPv6 address 2001:0000:150C:0000:0000:41b1:45a3:041D?

A. 2001::150c::41b1:45a3:041d
B. 2001:0:150c:0::41b1:45a3:04d1
C. 2001:150c::41b1:45a3::41d
D. 2001:0:150c::41b1:45a3:41d

Answer: D

9. Which three options are common examples of AAA implementation on Cisco routers? (Choose three.)

A. authenticating remote users who are accessing the corporate LAN through IPsec VPN connections
B. authenticating administrator access to the router console port, auxiliary port, and vty ports
C. implementing PKI to authenticate and authorize IPsec VPN peers using digital certificates
D. tracking Cisco NetFlow accounting statistics
E. securing the router by locking down all unused services
F. performing router commands authorization using TACACS+

Answer: ABF

10. When AAA login authentication is configured on Cisco routers, which two authentication methods should be used as the final method to ensure that the administrator can still log in to the router in case the external AAA server fails? (Choose two.)

A. group RADIUS
B. group TACACS+
C. local
D. krb5
E. enable
F. if-authenticated

Answer: CE

11. Which two characteristics of the TACACS+ protocol are true? (Choose two.)

A. uses UDP ports 1645 or 1812
B. separates AAA functions
C. encrypts the body of every packet
D. offers extensive accounting capabilities
E. is an open RFC standard protocol

Answer: BC

12. Refer to the exhibit.

Oct 13 19:46:06.170: AAA/MEMORY: create_user (0x4C5E1F60) user=tecteam
user= NULL dso=0 port="ty515" rem_addr="10.0.2.13" autphen_type=AUTH service=ENABLE priv=15 initial_task_id=0, vrf= (id=0)
Oct 13 19:46:06.170: AAA/AUTHEN/START (2600878790); port="ty515" list=""
action=LOGIN service=ENABLE
Oct 13 19:46:06.170: AAA/AUTHEN/START (2600878790); console enable - default to enable password [any]
Oct 13 19:46:06.170: AAA/AUTHEN/START (2600878790); Method=ENABLE
[unr= (undof)]
Oct 13 19:46:07.266: AAA/AUTHEN (2600878790); status = GETPASS
Oct 13 19:46:07.266: AAA/AUTHEN (2600878790); password incorrect
Oct 13 19:46:07.266: AAA/MEMORY: free_user (0x4C5E1F60) user= NULL
user= NULL port="ty515" rem_addr="10.0.2.13" autphen_type=AUTH service=ENABLE
priv=15 vrf= (id=0)

Which statement about this output is true?

A. The user logged into the router with the incorrect username and password.
B. The login failed because there was no default enable password.
C. The login failed because the password entered was incorrect.
D. The user logged in and was given privilege level 15.

Answer: C

13. Refer to the exhibit.

Which traffic is permitted by this ACL?

A. TCP traffic sourced from any host in the 172.26.26.8/29 subnet on any port to host 192.168.1.2 eq 443
B. TCP traffic sourced from host 172.26.26.21 on port 80 or 443 to host 192.168.1.2 on any port
C. any TCP traffic sourced from host 172.26.26.30 destined to host 192.168.1.1
D. any TCP traffic sourced from host 172.26.26.20 to host 192.168.1.2

Answer: C

14. Refer to the exhibit.
Which statement about this partial CLI configuration of an access control list is true?

A. The access list accepts all traffic on the 10.0.0.0 subnets.
B. All traffic from the 10.10.0.0 subnets is denied.
C. Only traffic from 10.10.0.10 is allowed.
D. This configuration is invalid. It should be configured as an extended ACL to permit the associated wildcard mask.
E. From the 10.10.0.0 subnet, only traffic sourced from 10.10.0.10 is allowed; traffic sourced from the other 10.0.0.0 subnets also is allowed.
F. The access list permits traffic destined to the 10.10.0.10 host on FastEthernet0/0 from any source.

Answer: E

15. Which type of Cisco ASA access list entry can be configured to match multiple entries in a single statement?

A. nested object-class
B. class-map
C. extended wildcard matching
D. object groups

Answer: D
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