

Cisco 642-997 Exam

Volume: 123 Questions

Question No : 1

Which three items must be configured in the port profile client in Cisco UCS Manager? (Choose three.)

- A. port profile
- B. DVS
- C. data center
- D. folder
- E. vCenter IP address
- F. VM port group

Answer: B,C,D

Question No : 2

On a Cisco Nexus 7000 Series router, which statement about HSRP and VRRP is true?

- A. When VDCs are in use, only VRRP is supported.
- B. HSRP and VRRP both use the same multicast IP address with different port numbers.
- C. data center
- D. folder
- E. vCenter IP address
- F. VM port group

Answer: B,C,D

Question No : 3

Which statement about RADIUS configuration distribution using Cisco Fabric Services on a Cisco Nexus 7000 Series Switch is true?

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- A. Cisco Fabric Services does not distribute the RADIUS server group configuration or server and global keys.
- B. Enabling Cisco Fabric Services causes the existing RADIUS configuration on your Cisco NX-OS device to be immediately distributed.
- C. When the RADIUS configuration is being simultaneously changed on more than one device in a Cisco Fabric Services region, the most recent changes will take precedence.
- D. Only the Cisco NX-OS device with the lowest IP address in the Cisco Fabric Services region can lock the RADIUS configuration.

Answer: A

Question No : 4

Which GLBP load-balancing algorithm ensures that a client is always mapped to the same VMAC address?

- A. vmac-weighted
- B. dedicated-vmac-mode
- C. shortest-path and weighting
- D. host-dependent

Answer: D

Question No : 5

Which two statements about Cisco Nexus 7000 line cards are true? (Choose two.)

- A. M1, M2, and F1 cards are allowed in the same VDC.
- B. M line cards are service-oriented and likely face the access layer and provide Layer 2 connectivity.
- C. F line cards are performance-oriented and likely connect northbound to the core layer for Layer 3 connectivity.
- D. M line cards support Layer 2, Layer 3, and Layer 4 with large forwarding tables and a rich feature set.
- E. The F2 line card must reside in the admin VDC.

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Answer: A,D

Question No : 6

Which statement explains why a Cisco UCS 6200 Fabric Interconnect that is configured in end-host mode is beneficial to the unified fabric network?

- A. There is support for multiple (power of 2) uplinks.
- B. Upstream Layer 2 disjoint networks will remain separated.
- C. The 6200 can connect directly via vPC to a Layer 3 aggregation device.
- D. STP is not required on the uplink ports from the 6200.

Answer: D

Question No : 7 DRAG DROP

Drag the network characteristics on the left to the most appropriate design layer on the right.

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high-speed Layer 3 switching	Access
Power over Ethernet	
Fast, deterministic convergence	
routing summarization	
uses Rapid PVST+ for Layer 2 spanned VLANs	Aggregation
802.1X and port security	
feature-rich environment	
default gateway redundancy by using an FHRP	Core

Answer:

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Drag the network characteristics on the left to the most appropriate design layer on the right

high-speed Layer 3 switching	Access feature-rich environment Power over Ethernet 802.1X and port security
Power over Ethernet	
Fast, deterministic convergence	
routing summarization	
uses Rapid PVST+ for Layer 2 spanned VLANs	
802.1X and port security	
feature-rich environment	
default gateway redundancy by using an FHRP	Aggregation routing summarization uses Rapid PVST+ for Layer 2 spanned VLANs default gateway redundancy by using an FHRP
	Core Fast, deterministic convergence high-speed Layer 3 switching

Question No : 8

Which statement about the Layer 3 card on the Cisco Nexus 5500 Series Switch is true?

- A. BGP support is not provided, but RIP, EIGRP, and OSPF support is provided.
- B. Up to two 4-port cards are supported with up to 160 Gb/s of Layer 3 forwarding capability.
- C. Up to 16 FEX connections are supported.
- D. Port channels cannot be configured as Layer 3 interfaces.

Answer: C

Question No : 9

Refer to the command below. When configuring an SVS connection on the Cisco Nexus 5000 Series Switch, which device is being referenced as the remote IP address?

```
nexus5500-2(config-svs-conn)# remote ip address 10.10.1.15 port 80 vrf management
```

- A. ESX or ESXi host

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- B. vCenter
- C. vPC peer switch
- D. Cisco IMC management

Answer: B

Question No : 10

By default it will take 10 seconds for authentication to fail due to an unresponsive RADIUS server before a Cisco Nexus series switch reverts to another RADIUS server or local authentication. What is one efficient way to improve the reaction time to a RADIUS server failure?

- A. Decrease the global RADIUS retransmission count to 1.
- B. Decrease the global RADIUS timeout interval to 5 seconds.
- C. Configure the RADIUS retransmission count and timeout interval per server, versus globally.
- D. Configure per server a test idle timer, along with a username and password.

Answer: D

Question No : 11

Which statement about SNMP support on Cisco Nexus switches is true?

- A. Cisco NX-OS only supports SNMP over IPv4.
- B. Cisco NX-OS supports one instance of the SNMP per VDC.
- C. SNMP is not VRF-aware.
- D. SNMP requires the LAN_ENTERPRISE_SERVICES_PKG license.
- E. Only users belonging to the network operator RBAC role can assign SNMP groups.

Answer: B

Question No : 12

Which protocol is the foundation for unified fabric as implemented in Cisco NX-OS?

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- A. Fibre Channel
- B. Data Center Bridging
- C. Fibre Channel over Ethernet
- D. N proxy virtualization
- E. N Port identifier virtualization

Answer: C

Question No : 13

After enabling strong, reversible 128-bit Advanced Encryption Standard password type-6 encryption on a Cisco Nexus 7000, which command would convert existing plain or weakly encrypted passwords to type-6 encrypted passwords?

- A. switch# key config-key ascii
- B. switch(config)# feature password encryption aes
- C. switch# encryption re-encrypt obfuscated
- D. switch# encryption decrypt type6

Answer: C

Question No : 14

In the dynamic vNIC creation wizard, why are choices for Protection important?

- A. They allow reserve vNICs to be allocated out of the spares pool.
- B. They enable hardware-based failover.
- C. They select the primary fabric association for dynamic vNICs.
- D. They allow dynamic vNICs to be reserved for fabric failover.

Answer: C

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Question No : 15

How is a dynamic vNIC allocated?

- A. Dynamic vNICs are assigned to VMs in vCenter.
- B. Dynamic vNICs can only be bound to the service profile through an updating template.
- C. Dynamic vNICs are bound directly to a service profile.
- D. Dynamic vNICs are assigned by binding a port profile to the service profile.

Answer: C

Question No : 16

Which two security features are only supported on the Cisco Nexus 7000 Series Switches? (Choose two.)

- A. IP source guard
- B. traffic storm control
- C. CoPP
- D. DHCP snooping
- E. Dynamic ARP Inspection
- F. NAC

Answer: B,F

Question No : 17

Which statement about the implementation of Cisco TrustSec on Cisco Nexus 7000 Series Switches is true?

- A. While SGACL enforcement and SGT propagation are supported on the M and F modules, 802.1AE (MACsec) support is available only on the M module.
- B. SGT Exchange Protocol is required to propagate the SGTs across F modules that lack hardware support for Cisco TrustSec.
- C. AAA authentication and authorization is supported using TACACS or RADIUS to a Cisco

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D. Both Cisco TrustSec and 802.1X can be configured on an F or M module interface.

Answer: A

Question No : 18

When a local RBAC user account has the same name as a remote user account on an AAA server, what happens when a user with that name logs into a Cisco Nexus switch?

- A. The user roles from the remote AAA user account are applied, not the configured local user roles.
- B. All the roles are merged (logical OR).
- C. The user roles from the local user account are applied, not the remote AAA user roles.
- D. Only the roles that are defined on both accounts are merged (logical AND).

Answer: C

Question No : 19

Which statement about implementation of Cisco TrustSec on Cisco Nexus 5546 or 5548 switches are true?

- A. Cisco TrustSec support varies depending on Cisco Nexus 5500 Series Switch model.
- B. The hardware is not able to support MACsec switch-port-level encryption based on IEEE 802.1AE.
- C. The maximum number of RBACL TCAM user configurable entries is 128k.
- D. The SGT Exchange Protocol must use the management (mgmt 0) interface.

Answer: B

Question No : 20

Which statement is true if password-strength checking is enabled?

- A. Short, easy-to-decipher passwords will be rejected.
- B. The strength of existing passwords will be checked.
- C. Special characters, such as the dollar sign (\$) or the percent sign (%), will not be allowed.

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D. Passwords become case-sensitive.

Answer: A

Question No : 21

Which statement about RBAC user roles on a Cisco Nexus switch is true?

- A. If you belong to multiple roles, you can execute only the commands that are permitted by both roles (logical AND).
- B. Access to a command takes priority over being denied access to a command.
- C. The predefined roles can only be changed by the network administrator (superuser).
- D. The default SAN administrator role restricts configuration to Fibre Channel interfaces.
- E. On a Cisco Nexus 7000 Series Switch, roles are shared between VDCs.

Answer: B

Question No : 22

The Connectivity Management Processor monitors the active supervisor module on a Cisco Nexus 7000 switch and will reboot the device in the event of a lights-out management issue. However, which option includes features that provide similar benefits in the absence of the Connectivity Management Processor?

- A. high-availability functionality from features such as vPC and NSF
- B. traditional system connectivity models like SNMP, GUI, or SSH
- C. Cisco FabricPath
- D. VDC failover

Answer: A

Question No : 23

Which Cisco Nexus feature is best managed with DCNM-SAN?

- A. VSS

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- B. domain parameters
- C. virtual switches
- D. AAA

Answer: B

Question No : 24 DRAG DROP

Drag the description on the left to the most appropriate Nexus product on the right.

Supports the SAN infrastructure	Cisco Nexus 5000 Series Switches
Offers complete routing and core services	Cisco Nexus 7000 Series Switches
Includes native Fibre Channel interfaces	Cisco Nexus 2000 Series Fabric Extenders
Provides I/O consolidation	Cisco MDS 9500 Series Multilayer Directors
A virtual machine-aware software switch	Cisco Nexus 1000V Series Switches

Answer:

Drag the description on the left to the most appropriate Nexus product on the right.

Supports the SAN infrastructure	Includes native Fibre Channel interfaces
Offers complete routing and core services	Offers complete routing and core services
Includes native Fibre Channel interfaces	Provides I/O consolidation
Provides I/O consolidation	Supports the SAN infrastructure
A virtual machine-aware software switch	A virtual machine-aware software switch

Question No : 25

Which of the following Cisco Nexus features is best managed with DCNM-LAN?

- A. VSS
- B. Domain parameters
- C. Virtual switches