

642-973 Practice Test

Cisco Cisco Data Center Networking Infrastructure

642-973: Cisco Data Center Networking Infrastructure

Practice Exam: 642-973 Exams

Exam Number/Code: 642-973

Exam Name: Cisco Data Center Networking Infrastructure

Questions and Answers: 88 Q&As

(Others)



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Exam : Cisco 642-973

Title : Cisco Data Center Networking Infrastructure Support - 1

1. You work as a TestInside network administrator, you are tasked to make a summary report of utilization and error rates on each switch interface? Which NAM data-collection method will achieve this goal?

- A. core monitoring
- B. SPAN
- C. mini-RMON
- D. VACLs

Answer: C

2. You work as a Cisco engineer at TestInside.com. With your knowledge on Cisco field, which is a considerable advantage of Cisco's data center end-to-end strategy?

- A. service-oriented backbone network
- B. service-oriented infrastructure
- C. service-oriented architecture
- D. service-oriented networked Ethernet transmission connection system

Answer: B

3. You work as a Cisco data center sales professional at TestInside.com. A potential customer is planning to reduce both operational and capital budgets, meanwhile, he also wants to promote end-to-end data center security. What's the best response to meet both of his requirements?

- A. Buy a number of Cisco Catalyst 6500 Series FWSMs now, and to have them installed in each Cisco Catalyst 6500 Series Switch in the data center, ready to be brought on line when needed in the future
- B. buy a full Cisco analysis of the data center security, as part of a full-service package that can be paid for over an extended period
- C. buy a number of Cisco ACE Modules now, and to have them installed in each Cisco Catalyst 6500 Series Switch in the data center, ready to be brought on line when needed in the future
- D. recommend purchasing the Cisco Catalyst 6500 Series FWSM and the Cisco ACE Module or both to allow multiple virtual contexts of each to be deployed as required in the future, without requiring more hardware to be

acquired (saving capital budget), with a single point of management and control (cutting operating costs)

Answer: D

4. IP routing redundancy is designed to allow for transparent fail-over at the first-hop IP router. Which three examples are of FHRPs? (Choose three.)

- A. GLBP
- B. IRDP
- C. proxy ARP
- D. HSRP
- E. VRRP

Answer: ADE

5. You work as a Cisco data center sales professional at TestInside.com, and you are negotiating with with a corporate manager, which of the following statements would be your best saying?

- A. A single network spanning multiple protocols, using Ethernet as a backbone, is the basis of the next-generation data center.
- B. Network-embedded intelligence means that functions can be swiftly deployed and redeployed across the data center.
- C. Network-based intelligence can be shared across all connected applications and devices and can deliver tens of gigabytes of throughput along with submillisecond latencies.
- D. The network is the foundation of the twenty-first-century data center, so Cisco should be a prime architectural resource for designing all aspects of the data center.

Answer: B

6. You are the new TestInside Trainee. Which description you can recognize as a feature of the Cisco Catalyst 6500 Series FWSM?

- A. It can carry out multiple virtual firewalls across the data center but only within its own tier, not across tiers.
- B. It is a standalone appliance and cannot be fitted into the Catalyst 6500 Series Switches.
- C. It fits into the Catalyst 6500 Series Switches and allows logical firewalls to be deployed across the whole data center.
- D. It is an embedded function of the Cisco Application Control Engine Module, which can be fitted into the Catalyst 6500 Series Switches.

Answer: C

7. As a TestInside network technician, you are responsible for designing and maintaining network. Recently, you have installed an FWSM in the data center. In order to enable FTP to work, which feature must be configured?

- A. transparent mode
- B. dynamic NAT
- C. dynamic PAT
- D. access lists
- E. deep packet inspection

Answer: E

8. For the following items, which ingress QoS trust setting sets the CoS or ToS values of any frame entering that port to zero?

- A. trust DSCP
- B. trust CoS
- C. untrusted
- D. trust IP precedence

Answer: C

9. You are a help desk trainee for TestInside.com. Just a simple question for you: the blade switches belong to which kind of switches?

- A. top-of-rack switches
- B. end-of-row switches
- C. modules that fit into blade server chassis
- D. modules that fit into Myelodysplastic syndromes switches

Answer: C

10. Cisco's Express Forwarding (CEF) technology for IP is a scalable, distributed, layer 3 switching solution designed to meet the future performance requirements of the Internet and Enterprise networks. The TestInside network administrator is debugging a Cisco Catalyst 6500 Series Switch, which engine is required in order to use the distributed Cisco Express Forwarding architecture?

- A. DFC
- B. MSFC3
- C. PFC3A
- D. PFC3BXL

Answer: A

11. You work as the network administrator at TestInside.com. Which two features of a business implement that you can use to achieve better utilization of IT resources? (Choose two.)

- A. role-based access control
- B. embedded network intelligence
- C. distributed management
- D. consolidation of data center resources

Answer: BD

12. You are debugging a Cisco device, and you need to enable Cisco NSF for BGP, which command can accomplish this?

- A. 6500(config-router)# bgp graceful-restart
- B. 6500(config-router)# enable nsf-capable
- C. 6500(config-router)# bgp nsf
- D. 6500(config)# bgp enable nsf

Answer: A

13. RPR is short for Resilient Packet Ring. This technology is known by some as a metropolitan area network (MAN) technology that service providers are using to solve network bandwidth bottlenecks and deliver new IP services. You are using RPR. A switchover event will be triggered if either of which two of these fails? (Choose two.)

- A. a service module
- B. a DFC on a monitored line card
- C. an administratively monitored line card
- D. an active supervisor MSFC
- E. an inter-supervisor clock synchronization

Answer: DE

14. You work as a TestInside network technician, you would like to regain access to a non-responding Cisco NAM in slot 3, which command can be used to achieve this objective?

- A. reload module slot 3
- B. slot 3 reload
- C. module slot 3 reset
- D. hw-module module 3 reset

Answer: D

15. You are a help desk trainee for TestInside.com. As far as you know, what advantage that the overall virtualization strategy for the data center can get from network-based virtualization?

- A. carrying multiple protocols across the same network

- B. combining ports for high availability and redundancy
- C. merging the core and aggregation layers
- D. deploying multiple service contexts on the same hardware

Answer: D

16. You work as a Cisco data center sales professional at TestInside.com, and you are negotiating with with a technical manager, which of the following statements would be your best saying?

- A. Cisco's end-to-end strategy for the data center means that it can provide consultancy and support for servers, and provide storage as well as networks.
- B. Cisco's financial position is reflected in its stock market position and shareholder value.
- C. Cisco's networking expertise places it in a prime position to deliver virtual servers from within embedded network platforms running VMware.
- D. Network-embedded devices can be logically divided to allow different security policies to be implemented to meet different requirements, while maintaining a single point of monitoring, management, and control.

Answer: D

17. You work as a Cisco engineer at TestInside.com. What's the unique advantage of SAN business against Brocade for the Cisco MDS switch?

- A. Cisco has been delivering director-class storage switches for longer than Brocade.
- B. The Cisco Myelodysplastic syndromes switch can support Gigabit Ethernet as well as Fibre Channel, while Brocade supports only Fibre Channel.
- C. Cisco has demonstrated excellent investment protection by allowing new generation linecards to work in first generation directors.
- D. The real Cisco competition was McData, until Brocade bought it and tried to make it compatible with their legacy switches, leaving Cisco with the only director-class switches in the industry.

Answer: B

18. You are the senior desktop administrator for TestInside.com. Your company plans to implement virtual SSL security contexts logically across the data center network from a single physical device, so which product you will recommend?

- A. Cisco Firewall Services Module
- B. Cisco Nexus 7000 Module
- C. Cisco Storage Services Module
- D. Cisco Application Control Engine Module

Answer: D

19. For the following features??which two make up the fault management framework? (Choose two.)

- A. CiscoWork Resource Management Essentials
- B. Soft high availability
- C. Generic Online Diagnostics
- D. CiscoWorks application

Answer: BC

20. As a TestInside network technician, you are debugging a Cisco device, and you need to enable Cisco NFS for EIGRP, which command can accomplish this?

- A. 6500(config-router)# enable nsf-capable
- B. 6500(config-router)# eigrp nsf
- C. 6500(config)# eigrp enable nsf
- D. 6500(config-router)# nsf

Answer: D

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