PrepKing

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PrepKing 642-972

Exam A

QUESTION 1
Virtual IP addresses (VIPs) are used by SLBs such as the Cisco Content Services Switch and Content Switching Module to represent content hosted on one or more servers under their control. The use of VIPs allows for traffic to be balanced among multiple origin servers, application servers, or transaction servers in a way that results in faster response times for users and less network congestion for the host A customer wants to use a single VIP. A second VIP will be used only if the first is overloaded or unavailable. What method of GSLB reply is best suited until that VIP is overloaded or unavailable?

A. DNS query
B. DNS trace
C. least-loaded
D. weightedrounD.robin

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Which options are correct about CSM? (Select all appropriate)

A. CSM can provide Cisco Catalyst 6500 Series with featurE.rich and high-performance server
B. CSM can provide Cisco Catalyst 6500 Series with firewall network load balancing connections
C. CSM can improve the network infrastructure security
D. CSM can improve network infrastructure manageability and powerful control.

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

Which concepts for digital signatures are true? (Choose two.)

A. They verify the identity of the receiver.
B. They use public and private key pairs.
C. They verify the identity of the sender.
D. They only use public key.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which one is not the feature of Cisco ACE virtualization implementation?

A. separate routing tables per context
B. separate image versions per context
C. global administration and monitoring
D. separate management and data resource controls per context

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Which layers are included in the WAP protocol? (Select all appropriate)

A. Wireless Application Environment (WAE)
B. Wireless Session Layer (WSL)
C. Wireless Transport Layer Security (WTLS)
D. Wireless Network Layer (WNL)
E. Wireless Transport Layer (WTP)

Correct Answer: ABCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
You are the senior desktop administrator for Certpaper.com. You are meeting a potential customer who is insisting that he would prefer to work with a specialist supplier. Which of following statements would be the best response to change this customer's attitude?

A. Yes, specialist suppliers may have better technical capabilities in their own niche area, but Cisco is promoting quickly.
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B. In fact, most specialist suppliers are those who quitted from Cisco to try and make some hot money.
C. Cisco will obtain specialist suppliers after their products are well-rounded, so you'd better to work with Cisco early.
D. Well, you know, Cisco data center sales professionals are specialists in a comprehensive range of data center technologies that are tested, integrated, and supported by a single supplier: Cisco.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
The Tech LTD is planning to build one

A. Enable load balancing sticky on the Cisco ACE appliance
B. Disable network proximity on the CSS
C. Enable network proximity on the Cisco GSS
D. Make DNS sticky on the Cisco GSS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
The Tech LTD need redesign the network, the network administrator plan upgrade from CSM to Cisco ACE. Befoe the implemention, The Tech LTD network administrator want to know the benefit of this implemention. Which two of these are benefits of migrating from CSM to Cisco ACE? (Choose two.)

A. Virtualization
B. Server round robin
C. Integration into MSFC IOS
D. Scalability with software licenses

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
You are a Cisco engineer of Certpaper.com. As far as you know, which two of the following you benefit from unified fabric? (Choose two.)

A. reduced throughput
B. reduced I/O bandwidth
C. reduced cabling
    ActualTests.com
D. reduction of server adapters required for I/O

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
You are the network administrator for The Tech LTD, you are testing Cisco ACE. Given a design to loaD.balance a web application based on browser type, which type of decision the Cisco ACE appliance need to make?

A. a Layer4 decision based on TCP port 100
B. a Layer 4 decision based on the HTTP request header field HOST "Pass Any Exam. Any Time." - www.actualtests.com 4
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C. a Layer 7 decision based on the HTTP request header field HOST
D. a Layer 7 decision based on the HTTP request header field User_Agent

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
You are the network administrator for The Tech LTD, Cisco GSS is Global Site Selector. When a request for DNS name resolution is required in a DRP proximity implementation on the Cisco GSS,____is the maximum number of zones allowed
within a single Cisco GSS proximity environment.

A. 15
B. 32
C. 40
D. 60

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
You are the senior desktop administrator for Certpaper.com. A potential customer is thinking about a full data center virtualization strategy and is putting off network purchasing decisions. And he plans to deploy VMware before compatibility testing for storage and networking. What will be the best response for this case?

A. Be sure that the customer is aware of that Cisco has the only complete network solution sets authorized by VMware.
B. Tell the customer that Cisco will release a version of VMware as an embedded network service ActualTests.com
   soon, so you can guarantee the compatibility with Cisco equipment.
C. Be sure that the customer is aware of that Cisco has a financial stake and a place on the board of VMware, so Cisco will follow whatever VMware is doing. Any networking products bought from Cisco today are guaranteed to be upgraded to match any changes made by VMware.
D. Explain how the Cisco VFrame Data Center has been tested and approved to provision not only VMware but also the Cisco networking solutions; so today's purchase of Cisco networking equipment automatically integrates into a wider data center virtualization strategy, satisfying both the needs of the existing data center and adapting the virtualized environment as it evolves.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 13
You are the network administrator for The Tech LTD, and you are considering a Cisco ACE Module implementation, which two requirements should be confirmed first through a site survey? (Choose two.)

A. Cisco Catalyst4500 Switch chassis with an open-fabriC.enabled port Cisco Catalyst 4500 Series Supervisor Engine 4
Cisco IOS Software Release 12.2(31)SGA or later
B. Cisco Catalyst 6509 Switch chassis with an open-fabriC.enabled port Cisco Catalyst 6500 Series Supervisor Engine 32
Cisco IOS Software Release 12.2(18)SXF4 or later
C. Cisco 7600 Switch chassis with an open-fabriC.enabled port Cisco 7600 Series Supervisor Engine 720
Cisco 7600 Series Route Switch Processor 720
Cisco IOS Software Release 12.2(18)SXF4 or later
D. Cisco Catalyst 6506 Switch chassis with an open-fabriC.enabled port Cisco Catalyst 6500 Series Supervisor Engine 720
Cisco IOS Software Release 12.2(18)SXF4 or later

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Cisco GSS is Global Site Selector. The Cisco GSS serves as an authoritative name server for one or more domains. Which three of these must be configured on the firewall to permit communication through to it? (Choose three.)

A. DNS queries
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B. UDP messages
C. FTP, Telnet, SSH, SNMP
D. KAL-AP, ICMP, HTTP, and user defined TCP Ports

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
You are the senior desktop administrator for Certpaper.com. A potential customer casts doubt on the following conditions:

The main data center is full.
A new production system is coming on line this year.
Five smaller data centers across the world are fragmented and uncoordinated.

What would be a first-step to response?

A. Bring forward an application optimization solution so that the new production system could be sent from blade servers rather than rack-mounted servers
B. Move straight to a virtualization and provisioning strategy across all data centers

C. Create a new business continuity strategy to ensure that all the data centers are properly backed up
D. Implement consolidation around the main data center using Cisco network embedded services as a means of reducing space, power, and heat in the main data center

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
You are the network administrator for The Tech LTD. You get a call from one customer to ask which three resources can be allocated to a context? (Choose three.)

A. SSL bandwidth
B. amount of xlates
C. amount of supported VIPs
D. data connections in every second

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
Mike is the network administrator for The Tech LTD. He gets a call from one customer to ask him
ActualTests.com
through which method the Cisco ACE Module can obtain keys and certificates His answer is generate keys and a CSR for certificate signing by a root authority, is it correct?

A. Yes
B. No

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
You are a Cisco engineer of Certpaper.com. A new trainee inquires that how the Cisco ACE XML gateway promotes server performance, so what's the best response?

A. by supplying SSL security for XML transfers
B. by offloading XML functions from the server
C. by moving XML traffic to the server
D. by translating XML messages to HTML messages

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Content routing routes user requests to the replicateD.content site (typically a mirror site) that can serve them most quickly and efficiently. The Content Routing software, once installed and configured on a Content Router, redirects a user request to the "closest" (best) replicateD.content site, based on network delay, using a software process called boomerang. The Content Routing software load balances up to 500 sites for each domain it is configured to support. Which statement is true of a content-routing solution?

A. enhance the security of data center
B. only works for UDP-based applications
C. provides local redundancy in a single data center
D. used for site selection in Global Site Load Balancing

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
You are the network administrator for The Tech LTD. You need to deploy 30 WAEs in your data center. Which method or methods can be used to loaD.balance traffic across the WAEs?

A. ACE
   ActualTests.com
B. WCCPV2
C. WAAS Central Manager
D. gssp

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
You work as the network administrator at Certpaper.com. You plan to apply Cisco WAAS solution to accelerate remote office operations, but the CFO of the company hesitates because of the financial benefits too hard to quantify. Then which statement will be the best response to the CFO of the economic benefits?

A. Make the CFO believe that the Cisco WAAS solution is the lows cost than any competitive offering.
B. Ensure the CFO that the Cisco WAAS solution is software that is implemented on servers at both ends of the remote link, and therefore, the only ongoing cost for expansion is additional licenses.
C. Tell him that the extended payment scheme for the Cisco WAAS solution is tied to predefined productivity gains at the remote office being achieved within a 12-month period.
D. Explain that the company will have to continue to pay more and more for expensive bandwidth as interactions with remote offices increase in frequency and richness of content. A Cisco WAAS solution purchase can defer this expenditure as well as improve remote office productivity.

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 22
You are the network administrator for The Tech LTD. You plan to implement DSR configuration, which two statements are true about it? (Choose two.)

A. it is impossible for Layer 4 load balancing
B. It is impossible for Layer 7 load balancing
C. PBR can redirect return traffic to the Cisco ACE appliance.
D. Statefulsecurity tracking is not possible; TCP flows must be timed out to be removed from memory.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
You are the network consultant from The Tech LTD. You should explain to your customers three benefits of the DCAS product family. They are? (Choose three.)

A. decrease storage requirements
B. Increase application availability
C. Enhance application performance
D. Improve application security

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
You work as a Cisco engineer at Certpaper.com. Based on a Cisco MDS switch, the company has a plan to implement the Cisco Data Migration Manager in the Cisco Storage Services Module.

Which of the following statements would be a financial consideration?

A. The Data Migration Manager migrates data to a virtual disk that does not consume physical disk capacity, thus creating a cost-free duplicate of the main production data.
B. The Data Migration Manager facility means that backup software and licenses are not required anymore, creating ongoing capital and operational savings.
C. The Data Migration Manager will migrate applications from one server to another without interrupting the application's service delivery, maintaining service delivery to the user and minimizing the impact of revenue generation.
D. Software development teams can gain access to current production data, for software change testing, without impacting the front-line business of the company, while maintaining the company's revenue stream.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
You are the network consultant from The Tech LTD. A customer's dual data center networking solution
requires: proximity-based distribution; SLB implementation; SSL offload; web acceleration services; KAL-AP.
Which is the best choice?

A. Cisco ACE Appliance with GSS at both sites
B. Cisco ACE Service Module with GSS at each site
C. Cisco ACE Service Module with RHI enabled at each site
D. Cisco ACE Appliance with RHI enabled at each site

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
ActualTests.com

QUESTION 26
You are the network consultant from The Tech LTD. You need to explain to customers two ways to support
load balancing across more than two WAEs, they are? (Choose two.)

A. GSSP
B. Cisco ACE
C. CIFS
D. WCCPV2

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 27
You work as a Cisco engineer at Certpaper.com. So as much as you know, how a business achieve the aim
that responds quickly to new business requirements?

A. install a dedicated system, isolated from the rest of the data center
B. install faster servers and more storage
C. move from a siloed strategy to a servicE.oriented strategy
D. prevent applications from interacting with one another

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
You are the network consultant from The Tech LTD. You should implement one solution for your customer. His
environment has the following configuration: two applications in the data center; an estimated 1GB bandwidth;

1000 SSL offloaded transactions. The applications require: load balancing; web application acceleration; enhanced security

Which is the best solution?

A. Cisco ACE
B. Cisco GSS
C. Cisco ACE Module
D. Cisco ACE Appliance

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
You are the network consultant from The Tech LTD. How to describe DRE improvements on traditional LZ compression?

A. Implementing a more aggressive,hardwarE.intensive LZ compression algorithm
B. prepositioning often-used file segments on the edge WAEs
C. comparing hashes of each file version to avoid unnecessary file synchronization
D. Caching redundant data segments

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
You are the senior desktop administrator for Certpaper.com. You company built a Cisco's Data Center 3.0 strategy which contains a unified fabric using Data Center Ethernet. So as far as you know, which two are the correct statements for Data Center Ethernet? (Choose two.)

A. Using FCoE as part of a datA.center-wide connectivity strategy is being promoted by Brocade as well as Cisco.
B. Data Center Ethernet will replaceFibre Channel and InfiniBand, and consequently the Cisco SFS and MDS family of switches will be phased out.
C. When deploying FCoE, Data Center Ethernet is superior to traditional Ethernet
D. Data Center Ethernet is a connection technology using either Gigabit Ethernet or 10 Gigabit Ethernet.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
You are the network administrator for The Tech LTD .Your Layer 7 loaD.balancing application has the following features: The server tracks the client through an IP source address; Traffic enters the Cisco ACE Service Appliance on VLAN A but exits through the servers on a different VLAN. What is the simplest implementing

mode?

A. DSR
B. gss
C. bridged
D. routed

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
ActualTests.com

QUESTION 32
You are the network administrator for The Tech LTD. You need explain to your customers which type of class map and policy map allow KAL-AP queries in the Cisco ACE Module?

A. Layer4 class map
B. Layer 4 policy map
C. management class map
D. and management policy map

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 33
You work as the network administrator at Certpaper.com. And you are familiar with Cisco product, so as much as you know, which Cisco product is implemented for content routing purposes?

A. Cisco ACE GSS
B. Cisco ACE Module
C. Cisco ACE appliance
D. Cisco Catalyst 6500 Series Switches

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
You are the network consultant from The Tech LTD. You should explain to customers which configuration allows WAAS to optimize the most applications within a data center?

A. acceleration configuration
B. data center entry configuration
C. transparent configuration
D. load balancing configuration

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
The Cisco Global Site Selector (GSS) is a next-generation networking product that provides these services, allowing customers to leverage global content deployment across multiple distributed and mirrored data locations, optimizing site selection, improving Domain Name system (DNS) ActualTests.com responsiveness, and ensuring data center availability. Which describes the function of the Cisco GSS?

A. Offloads DHCP services
B. Provides SSL for the server
C. In an organization acts as the primary
D. proxy
E. Offloads the DNS server and adds intelligence to the DNS response

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
You are the new The Tech LTD Trainee. The manager has a question for you: In following statements about Cisco Catalyst 6500

A. They do not support CEF720 line cards.
B. All their FRUs are compatible with older Catalyst 6500 chassis.
C. They require different Cisco IOS code trains than older Catalyst 6500 chassis.
D. They support all existing supervisors, line cards, switch fabrics, and software releases.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
You are the network consultant from The Tech LTD. You plan to do a site survey for a DCAS solution, which survey question will be most useful in determining whether a Cisco ACE appliance or Cisco ACE Module should be recommended?

A. Is the information transmitted in each connection secure?
B. Is the information transmitted in each connection large?
C. Is there a need for compression aside from that needed for load balancing?
D. Is the information transmitted in each connection a consistent size?

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
You are the network consultant from The Tech LTD . You should know the two features of GSS GSLB solution, they are? (Choose two.)

A. support RHI
   ActualTests.com
B. Increase security and intelligence to the DNS process
C. supportloaD.balancing management
D. Use DNS-based DDoS mitigation software to protect DNS infrastructure

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
You work as the network administrator at Certpaper.com. As far as you know, which two of following circumstances are the requirements of Layer 2 adjacency? (Choose two.)

A. when HSRP is used
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B. when NIC teaming is implemented
C. when NSF with SSO is configured
D. when clustered applications are supported

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
ace/context# crypto export {local_filename} ftp {ip_address} {username} {remote_filename}
You want to use this command to store a PKI resource on an external server, is it possible?

A. Yes
B. No

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
You are the network consultant from The Tech LTD. If a resource class has two member contexts and is allocated a minimum and maximum of 40% of all resources, which two actions for this resource class would be denied by the Operating System? (Choose two.)

A. removing member contexts

B. adding additional member contexts

C. Set the minimum allocation to 60%

D. Set the maximum allocation to unlimited

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
ActualTests.com

QUESTION 42
You work as the network administrator at Certpaper.com. As far as you know in what environment when a switched fabric server is required for InfiniBand support, coupled with Ethernet and Fibre Channel integration, which of following?

A. Cisco SFS 3000

B. Cisco SFS 7000

C. Cisco MDS 7000

D. Cisco MDS 9000

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 43
You are the network consultant from The Tech LTD. You have a customer has the following configuration: 100 separately-managed application servers; active / standby High Availability; requirement for 10,000 SSL TPS. He only wants to upgrade to Cisco ACE solely for the features of SLB and SSL. Which is best solution?

A. one Cisco ACE Modules

B. two Cisco ACE Modules

C. one Cisco ACE Appliances

D. two Cisco ACE Appliances

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which type of resource is required when a GSS queries a DRP agent?

A. orgnization

B. region

C. country

D. zone

Correct Answer: D

QUESTION 45
You are a help desk trainee for Certpaper.com. A potential customer requires to simplify troubleshooting and enhances protocol stability for OSPF, what's the best response for this requirement?

A. using loopback interfaces
B. modifying the SPF delayhold time
C. changing the default reference bandwidth
D. advertising a default into the data center

Correct Answer: A

QUESTION 46
You are the network consultant from The Tech LTD. You should explain to your customers about two additional features of the CNR software license, they are? (Choose two.)

A. FTP and TFTP
B. TCP and UDP
C. anycast IP addressing
D. client-facing DNS name server

Correct Answer: CD

QUESTION 47
You are the network consultant from The Tech LTD. How to describe global server load balancing loaD.balance?

A. links between servers
B. DNS requests to different DNS servers
C. links to servers in different data centers
D. DNS replies to
E. proxies, by providing either a varying, dynamically-ordered list or a single IP address

Correct Answer: D

QUESTION 48

You work as the network administrator at Certpaper.com. You are deploying Cisco network for the company of which relates to Cisco Catalyst 6500 Series FWSM mode of operation, so as far as you know .which operation has the least impact to the IP addressing scheme?

A. routed
B. bridged
C. transparent
D. pass-through

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
You are the network consultant from The Tech LTD. Which three techniques support global site selection? (Choose three.)

A. rhi
B. ICMP redirect
C. HTTP redirect
D. DNS-based solutions

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
You are the network consultant from The Tech LTD .Your customer wants to deploy WAAS in several small, remote offices and is planning to connect the remote office routers to Cisco ISRs. Which WAE model would you suggest him for the remote offices?

A. WAE.674
B. WAE.7371
C. WAE.7341
D. NME.WAE.502

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
You are a help desk trainee for Certpaper.com. A potential customer requires to alleviate DDoS attacks against the Cisco Nexus switch itself, which hardwarE.based security feature meets the requirement?

A. ACLs
B. CoPP

C. IP Source Guard
D. IP sanity checks

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
The Cisco Global Site Selector (GSS) is a next-generation networking product that provides these services, allowing customers to leverage global content deployment across multiple distributed and mirrored data locations, optimizing site selection, improving Domain Name system (DNS) responsiveness, and ensuring data center availability. What is the purpose of the Cisco GSS master?

A. Process Cisco GSS queries
B. Manage Cisco GSSs from a central GUI
C. Locate thelosest Cisco GSS to each client for handling queries
D. Acts as the active Cisco GSS for all queries

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
Your company wants known sources to connect through a particular site. What method of GSLB reply is suitable?

A. Dynamic
B. static
C. weightedrounD.robin
D. source address and domain hash

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
You are the senior desktop administrator for Certpaper.com. Which of following Cisco Catalyst 6500 core technology you will recommend to your customers to qualify Layer 2 multipathing, reducing reliance on STP?

A. VSS
B. virtual lanes
C. EtherChannel
D. Rapid Spanning Tree Protocol (RSTP; IEEE 802.1w)

Correct Answer: A

QUESTION 55
You are the network consultant from The Tech LTD. You have a customer who is planning to deploy WAAS in an environment protected by a Cisco ASA adaptive security appliance firewall. The customer told you WAAS automatic discovery is not compatible with firewalls. How to reply?

A. Nothing needed to explain.
B. WAAS should always be placed outside of the firewall.
C. He should confirm it is using a compatible version of Cisco ASA software.
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D. He should change the Cisco ASA adaptive security appliance firewall to Cisco Catalyst 6500 Series Firewall Services Module.

Correct Answer: C

QUESTION 56
The Cisco Global Site Selector (GSS) is a next-generation networking product that provides these services, allowing customers to leverage global content deployment across multiple distributed and mirrored data locations, optimizing site selection, improving Domain Name system (DNS) responsiveness, and ensuring data center availability. Which of these is a Cisco GSS topology requirement?

A. A Cisco GSS serves as aD.proxy for one or more domains and must be available publicly
B. Data center servers must be able to connect to the Cisco GSS to resolve domain names.
C. Remote DNS
D. proxies must be able to connect to the Cisco GSS to resolve domain names.
E. a Cisco GSS serves as a
F. proxy name server for one or more domains and must be available privately.

Correct Answer: C

QUESTION 57
You are the Cisco expert of Certpaper.com. You are familiar with Cisco TrustSec model, so which two functional areas are covered by the Cisco TrustSec model? (Choose two.)

A. port scans
B. DDoS attacks
   ActualTests.com
C. packet confidentiality and integrity
D. access control via security group ACLs

Correct Answer: CD

QUESTION 58
Which statement is true for the required Cisco ACE configuration while configuring firewall load balancing for all outbound client traffic?

A. no VIP is configured and all policy is based on class-default
B. no VIP with IP address 0.0.0.0 is used as a catchall "Pass Any Exam. Any Time." - www.actualtests.com 20 Cisco 642-972: Practice Exam
C. a VIP with IP address 0.0.0.0 is used as a catchall
D. a VIP with IP address 255.255.255.255 is used as the catchall

Correct Answer: C

QUESTION 59
GSLB offers some key advantages to large organizations or web hosting services that need to manage content requests across a global network. A customer wants distribution to be based on lowest SMTP load. Which GSLB reply is suitable?

A. RounD.robin
B. Ordered list
C. DNS race
D. least-loaded

Correct Answer: D

QUESTION 60
Compare the features of Cisco ASA 5580 Adaptive Security Appliance with Cisco Catalyst 6500 Series FWSM, which of following ones is only supported by Cisco ASA 5580 Adaptive Security Appliance?

A. VPNs
B. VLANs
C. ids/ips
D. stateful inspection
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Correct Answer: A

QUESTION 61
You are the network consultant from The Tech LTD. You should reply which two features are available only for the Cisco ACE 4710 Appliance? (Choose two.)

A. HTTP compression
B. reflexive access lists
C. TCP flow optimization
D. FlashForwardacceleration
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Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
You are the network consultant from The Tech LTD. Your customers plan to use a global loaD.balance solution into their network. And client requests are sent through to the closest data center based on the lowest RTT measurement. Which Cisco GSS loaD.balancing mechanism should you suggest?

A. DNS race
B. DNS query
C. source address and domain hash
D. DRP-based dynamic network proximity

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Cisco ACE Module can solve which problems? (Multiple choice)

A. Inefficient application deployment and maintenance
B. Lower application performance
C. Potential security hole
D. Data center has excessive products from excessive manufacturers

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
You are the network consultant from The Tech LTD. From your point of view, which two inter- datA.center redundancy features can be thought as the Cisco DCAS product solution? (Choose two.)

A. VLANtrunking
B. Content routing

C. LoaD.balance

D. Content switching

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
You are the network consultant from The Tech LTD. What should you consider while deciding on licenses for the Cisco ACE 4710 Appliance?

A. compression, firewall features,

B. connections, SSL, virtualization

C. performance throughput, compression, connections, virtualization, firewall features

D. performance throughput, SSL, compression, virtualization, application acceleration features

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
The series of Cisco Appliance Control Engine (ACE) module products applied to the Cisco Catalyst? 6500 provide which specific functions? (Select all appropriate)

A. Control capability of application infrastructure

B. Application performance

C. Application security

D. Simplicity of infrastructure

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
You are the network consultant from The Tech LTD. Which statement is true after you configure Cisco ACE appliance as routed mode?

A. Source NAT must be used for flows to the server.

B. PBR can be used for return traffic.

C. The servers should be configured with the ACE appliance as their default gateway.

D. The ACE appliance uses a dynamic routing protocol to route to the destination servers.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
You are the network consultant from The Tech LTD. When will the server load balancing be preferred over data center entry configuration?

A. symmetric routing is present
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B. asymmetric routing is present
C. Source NAT must be used
D. source NAT is required

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
The control capability of Cisco ACE module integrated hardware acceleration protocol-making its first appearance in the application and supply field, can provide which data center protocols with such functions as effective detection, filtering and repair? (Choose four)

A. HTTP
B. rtsp
C. DNS
D. vtp
E. ftp

Correct Answer: ABCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
You are the network consultant from The Tech LTD You plan to implement migration from an unsecure HTTP transaction to a secure SSL transaction Which feature you will use?

A. IP uplink redirect
B. Fast redirect
C. redirect Rserver
D. HTTP header rewrite
   ActualTests.com

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71

You are the network consultant from The Tech LTD. You should figure out two compression algorithms are supported by the Cisco ACE 4710 Appliance, they are? (Choose two.)

A. ACT
B. Bellman-Ford
C. gzip
D. DEFLATE

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
Which specific functions does the Cisco ACE module provide in the application of reliability? (Choose three)

A. Multi-redundancy
B. Availability
C. Scalability
D. Complexity

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
You are the network consultant from The Tech LTD. There is a highly available production network that requires SLB, SSL offloading, and the preservation of the client IP without IP modifications to the current network, which Cisco ACE topology will bring the least amount of impact?

A. asymmetric mode
B. routed mode
C. transparent mode
D. bridged mode

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
You are the network consultant from The Tech LTD. One of your clients ask you, after getting an SSL version 2/3 hybrid client hello, what will a Cisco ACE Module do?

A. no reply
B. reply version 2 server hello
C. reply version 3 server hello

D. replies with a connection-refused message

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
Cisco WAAS Mobile provides industry-leading performance through extended Cisco WAAS acceleration
technology, which specific characteristics are included? (Choose three)

A. High-level Data transmission compression
B. Applying specific acceleration
C. High-level security performance
D. Transmission Optimization

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
You are the network consultant from The Tech LTD. You need help your customer migrate from a CSS to a
Cisco ACE environment. And when you can find CSS conversion tool?

A. ACE Moduleconfig mode
B. ACE Applianceconfig mode
C. ACE Module HTTP status screen
D. ACE Appliance HTTP status screen

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
You are the network consultant from The Tech LTD. One customer query you which two statements describe
how a Cisco ACE Service Module maintains the health of a server farm. How about your answer? (Choose
two.)

A. actively probes the servers using SNMP GET requests ActualTests.com
B. actively probes the servers' health using KAL-AP
C. allows cookies to be inserted in data streams to confirm connection response
D. actively opens an HTTP connection to the application to confirm status code

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
What are the main features and advantages that Cisco WAAS performs in the wide area network optimization?
(Choose three)

A. Transport Flow Optimization (TFO)
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B. Data Redundancy Elimination (DRE)
C. Session-based auto-negotiation permanent compression support extra 10:1 compression at most.
D. Session-based auto-negotiation permanent compression support extra 5:1 compression at most.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
You are the network consultant from The Tech LTD. Please point out which statement about encryption is true?

A. SSL onlyuse asymmetric encryption.
B. Symmetric encryption uses different key
C. Symmetric keys are primarily used in creating digital signatures.
D. Asymmetric encryption is more processor-intensive than symmetric encryption.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
When migrating from a CSS to a Cisco ACE appliance, you should review hardware resources and identify upgrades and configuration changes required for successful migration. Which of these identifies the benefits of doing so?

A. reduces the risks associated with a production migration
B. reduces the possibility of expensive,timE.consuming rework at a later date
C. strengthens the ability of your team to meet aggressive deployment schedules ActualTests.com
D. reduces the possibility of downtime or other costly disruptions during migration

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
What are the main features and advantages that Cisco WAAS performs in the Transparent integration?
(Choose three)

A. WAAS protects all existing network services by network transparent performance

B. Modify clients, servers or applications automatically
C. WAAS devices can discover peer automatically and minimize the configuration work at large.
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D. There is no need to modify clients, servers or applications.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
You are the network consultant from The Tech LTD. Your customers ask you which three commanD.level actions can be defined by an administrator using rolE.based access control? (Choose three.)

A. Update
B. Create
C. Debug
D. Monitor

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
You are the Cisco device provider. You have chance to introduce Cisco ACE Module to the IT manger from The Tech LTD. He asks you, which two features of the Cisco ACE Module differentiate it from the Cisco ACE 4710 Appliance? (Choose two.)

A. FTP compression coprocessor
B. dual network processors
C. Independant control and data planes
D. Ethernet out-oF.band communication channel

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
ActualTests.com

QUESTION 84
As a senior network engineer working in Certpaper.com.Youshould know the key features of many Cisco device. In which of these situations is the Cisco ACE feature for HTTP header rewrite useful?

A. you must enable SSL client certificates
B. you must backup server for fault tolerance
C. you must change theRserver that receives a session without reproxying the connections
D. you must divert an unencrypted session to a server that listens only on an encrypted port "Pass Any Exam. Any Time." - www.actualtests.com 28 Cisco 642-972: Practice Exam

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
You work as a Cisco engineer in the data center of Certpaper.com. A potential customer casts doubt on this statement: "The data center lacks of agility will affect the ability of the business to react promptly to changing market conditions. In this case, what would be a first-step to response?

A. segment the network into a set of physical LAN and SAN islands that can be brought on line quickly when business conditions change
B. Consider a virtualization solution that will help reduce the number of physical switches, firewalls, and security appliances
C. Buildspare application silos that can be implemented quickly to meet changing business requirements
D. Propose a network-embedded application optimization solution so that business applications can react quickly to changing requirements without needing to change the main application on the server

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
WCCPv2 is Web Cache Communications Protocol V2. WAAS is Wide Area Application Services.
Why WAAS deployments need it?

A. Enable firewall transparency
B. EnableNetFlow data collection
C. Redirect traffic to a Cisco ACE Module
   ActualTests.com
D. Intercept and redirect traffic to the WAE

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
In order to maximum the usage of the network in Certpaper.com. The network administrator plans to implement global loaD.balancing technology. Which Cisco ACE protocol communicates with the Cisco GSS to provide global loaD.balancing functionality?

A. KAL-AP
B. gssp
C. SNMP
D. rhi

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
What advantages does the ACE module have in the application performance? (Choose four)

A. Offer the highest level performance from the fourth layer to the seventh in the industry.
B. Throughput is up to 16 Gbps
C. Each module support 345,000 connections per second.
D. Each modulesupport 355,000 connections per second.
E. Offer the highest performance and virtual geographical features, achieve applications and scalability of the largest number of users.
   F - Throughput is up to 18 Gbps

Correct Answer: ABCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
The Tech LTD need redesign the network, the network administrator plan upgrade from CSM to Cisco ACE. Befoe the implemention, The Tech LTD network administrator want to know the benefit of this implemention. Which two of these are benefits of migrating from CSM to Cisco ACE? (Choose two.)

A. Virtualization
B. Server round robin
C. Integration into MSFC IOS
D. Scalability with software licenses

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
You are the network administrator for The Tech LTD, Cisco GSS is Global Site Selector. When a request for DNS name resolution is required in a DRP proximity implementation on the Cisco GSS,____is the maximum number of zones allowed
within a single Cisco GSS proximity environment.

A. 15

B. 32
C. 40
D. 60

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
You are the senior desktop administrator for Certpaper.com. A potential customer casts doubt on the following conditions:

The main data center is full.
A new production system is coming on line this year.
Five smaller data centers across the world are fragmented and uncoordinated.

What would be a first-step to response?

A. Bring forward an application optimization solution so that the new production system could be sent from blade servers rather than rack-mounted servers
B. Move straight to a virtualization and provisioning strategy across all data centers
C. Create a new business continuity strategy to ensure that all the data centers are properly backed up
D. Implement consolidation around the main data center using Cisco network embedded services as a means of reducing space, power, and heat in the main data center

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
Content routing routes user requests to the replicateD.content site (typically a mirror site) that can serve them most quickly and efficiently. The Content Routing software, once installed and configured on a Content Router, redirects a user request to the "closest" (best) replicateD.content site, based on network delay, using a software process called boomerang. The Content Routing software load balances up to 500 sites for each domain it is configured to support. Which statement is true of a content-routing solution?

A. enhance the security of data center
B. only works for UDP-based applications
C. provides local redundancy in a single data center
D. used for site selection in Global Site Load Balancing

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
You are the network administrator for The Tech LTD. You need to deploy 30 WAEs in your data center. Which

method or methods can be used to loaD.balance traffic across the WAEs?

A. ACE
   ActualTests.com
B. WCCPV2
C. WAAS Central Manager
D. gssp

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
Which options are correct about CSM? (Select all appropriate)

A. CSM can provide Cisco Catalyst 6500 Series with featurE.rich and high-performance server
B. CSM can provide Cisco Catalyst 6500 Series with firewall network load balancing connections
C. CSM can improve the network infrastructure security
D. CSM can improve network infrastructure manageability and powerful control.

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
You are the senior desktop administrator for Certpaper.com. A potential customer is thinking about a full data center virtualization strategy and is putting off network purchasing decisions. And he plans to deploy VMware before compatibility testing for storage and networking. What will be the best response for this case?

A. Be sure that the customer is aware of that Cisco has the only complete network solution sets authorized by VMware.
B. Tell the customer that Cisco will release a version of VMware as an embedded network service
   ActualTests.com
   soon, so you can guarantee the compatibility with Cisco equipment.
C. Be sure that the customer is aware of that Cisco has a financial stake and a place on the board of VMware, so Cisco will follow whatever VMware is doing. Any networking products bought from Cisco today are guaranteed to be upgraded to match any changes made by VMware.
D. Explain how the Cisco VFrame Data Center has been tested and approved to provision not only VMware but also the Cisco networking solutions; so today's purchase of Cisco networking equipment automatically integrates into a wider data center virtualization strategy, satisfying both the needs of the existing data center and adapting the virtualized environment as it evolves.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
You are the network consultant from The Tech LTD. A customer's dual data center networking solution requires: proximity-based distribution; SLB implementation; SSL offload; web acceleration services; KAL-AP. Which is the best choice?

A. Cisco ACE Appliance with GSS at both sites
B. Cisco ACE Service Module with GSS at each site
C. Cisco ACE Service Module with RHI enabled at each site
D. Cisco ACE Appliance with RHI enabled at each site

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
ActualTests.com

QUESTION 97
You are the network consultant from The Tech LTD. You have a customer who is planning to deploy WAAS in an environment protected by a Cisco ASA adaptive security appliance firewall. The customer told you WAAS automatic discovery is not compatible with firewalls. How to reply?

A. Nothing needed to explain.
B. WAAS should always be placed outside of the firewall.
C. He should confirm it is using a compatible version of Cisco ASA software.
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D. He should change the Cisco ASA adaptive security appliance firewall to Cisco Catalyst 6500 Series Firewall Services Module.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
You are the network consultant from The Tech LTD. What should you consider while deciding on licenses for the Cisco ACE 4710 Appliance?

A. compression, firewall features,
B. connections, SSL, virtualization
C. performance throughput, compression, connections, virtualization, firewall features
D. performance throughput, SSL, compression, virtualization, application acceleration features

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
You are the senior desktop administrator for Certpaper.com. You are meeting a potential customer who is insisting that he would prefer to work with a specialist supplier. Which of following statements would be the best response to change this customer's attitude?

A. Yes, specialist suppliers may have better technical capabilities in their own niche area, but Cisco is promoting quickly.
ActualTests.com
B. In fact, most specialist suppliers are those who quitted from Cisco to try and make some hot money.
C. Cisco will obtain specialist suppliers after their products are well-rounded, so you'd better to work with Cisco early.
D. Well, you know, Cisco data center sales professionals are specialists in a comprehensive range of data center technologies that are tested, integrated, and supported by a single supplier: Cisco.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
Cisco GSS is Global Site Selector. The Cisco GSS serves as an authoritative name server for one or more domains. Which three of these must be configured on the firewall to permit communication through to it? (Choose three.)

A. DNS queries
ActualTests.com
B. UDP messages
C. FTP, Telnet, SSH, SNMP
D. KAL-AP, ICMP, HTTP, and user defined TCP Ports

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
You are the network consultant from The Tech LTD. You need to explain to customers two ways to support load balancing across more than two WAEs, they are? (Choose two.)

A. GSSP
B. Cisco ACE
C. CIFS
D. WCCPV2

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 102
You are the network administrator for The Tech LTD. You need explain to your customers which type of class map and policy map allow KAL-AP queries in the Cisco ACE Module?

A. Layer4 class map

B. Layer 4 policy map
C. management class map
D. and management policy map

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference: