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Exam : 920-241

Title : Alteon

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QUESTION 1

What is the maximum amount of IP interfaces supported per VLAN on the Alteon web switch?

- A. 128
- B. 256
- C. 512
- D. 1,048

Answer: B

QUESTION 2

An engineer has recommended that an enterprise deploy Alteon web switches into their network to route traffic sessions based on content. How will the Alteon web switch direct incoming HTTP session requests?

- A. web switch will direct HTTP requests to a specific uri
- B. web switch will direct HTTP requests to a specific router
- C. web switch will direct HTTP session requests to a specific user
- D. web switch will direct HTTP session requests to a specific server

Answer: D

QUESTION 3

In Web OS Version 10, how many Real servers can be configured on the AD4?

- A. 512
- B. 256
- C. 1,024
- D. 2,048

Answer: C

QUESTION 4

An engineer planning a passport 8600 deployment wants to ensure a fully redundant single chassis configuration. How can this be accomplished if the Passport 8600 is required to support layer 4-7 switching?

- A. add a second Web Switch Module and use RIP between them
- B. add a second Web Switch Module and use VRRP between them
- C. acquire a special WebOS add-on license and operate redundant web Switch Modules
- D. add a second Web Switch Module - they will detect each other automatically with no further action required

Answer: B

QUESTION 5

What is the functionality of the imask feature of Alteon WebOS?

- A. specifies is the incoming range to be used in a port based filter
- B. specifies a network or range of addresses allowed to manager the switch
- C. specifies a range of addresses to be stored in the local routing cache
- D. enable administrators to exceed otherwise limited amounts of VIP and REALs by specifying network ranges instead of actual addresses

Answer: D

QUESTION 6

Certkiller .com has a need to improve network and server utilization and performance. An engineer has recommended that the customer deploy Alteon web switches into their network to streamline the switching of web sessions. Which aspect of Alteon traffic management supports this requirement?

- A. circuit-based traffic management
- B. circuit and packet-based traffic management
- C. packet-based traffic management
- D. application and content-based traffic management

Answer: D

QUESTION 7

Stateful fall-over between Alteon Web Switches provides additional resiliency in case of device failure. Which sessions are synchronized between the switches?

- A. persistent sessions only
- B. only those sessions coming via port 9
- C. all session information is synchronizes
- D. only cookie and Layer persistency information is synchronized

Answer: A

QUESTION 8

Which statement is true regarding the mathematically based persistency metrics, MinMisses and HASH?

- A. HASH can be weighted while MinMisses cannot
- B. MinMisses can only be used for application redirection
- C. HASH provides better resiliency against server failure than MinMisses
- D. When using mathematical HTTP persistency, the more real servers in a single group, the better the distribution

Answer: D

QUESTION 9

Which statement is true regarding the modes in which ALTEON content Cache can be deployed?

- A. must be configured for either forward proxy mode or reverse proxy mode
- B. can support forward and reverse proxy modes, but requires different caches
- C. can support forward and reverse proxy modes simultaneously on the same cache
- D. can support forward proxy mode or reverse proxy modes, but not both simultaneously

Answer: C

QUESTION 10

An engineer is planning an Alteon web switch deployment and wants to aggregate bandwidth by taking advantage of port trunking capabilities. Which is the maximum port trunking capability per switch?

- A. up to four port groups consisting of 2 to 6 trunks each
- B. up to four trunk groups consisting of 2 to 6 ports each
- C. up to four trunk groups consisting of 6 to 12 ports each
- D. up to eight trunk groups consisting of 2 to 6 ports each

Answer: B

QUESTION 11

An engineer is planning an Alteon Switched Firewall System and wants to provide for up to 3 Gbps throughput and up to 32,000 sessions per second. Which factors govern throughput and session capacity on an Alteon Switched Firewall System?

- A. throughput is governed by the Switched Firewall Accelerator and the Switch Firewall Directors in the cluster
- B. new session adds per second are governed by the total number of Switched Firewall Directors in the cluster
- C. the total number of concurrent sessions is governed by the total number of Switched Firewall Directors in the cluster
- D. the maximum throughput on the Alteon Switched Firewall is 6.4 Gbps when using two SFA-184's in High Availability mode

Answer: B

QUESTION 12

Which type of content is considered non-cacheable?

- A. graphics

- B. html text
- C. jpeg images
- D. server-parsed html

Answer: D

QUESTION 13

What is the default configuration of an Alteon Switched Firewall System?

- A. Ports 1 - 5 used for NAAP connections, Ports 6 - 9 used for normal vlan connections
- B. Ports 1 - 5 used for normal vlan connections, Ports 6 - 9 used for NAAP connections
- C. Ports 1 - 5 used for NAAP connections, Ports 6 - 9 used for normal vlan connections but disabled
- D. Ports 1 - 5 used for normal vlan connections and disabled, Ports 6 - 9 used for NAAP connections

Answer: D

QUESTION 14

Certkiller .com has inserted a WEB Switch Module (WSM) into their Passport 8600 to enable WebOS Filtering capabilities. With the WSM now active, from which ports will the WebOS Filtering capabilities be available?

- A. only the rear facing ports of the WSM
- B. all ports in the Passport 8600 Chassis
- C. only the front facing ports of the WSM
- D. the front and rear facing ports of a WSM

Answer: D

QUESTION 15

An iSD-system has a cluster configuration of four masters and 128slaves. If a new iSO-SSL is added to the system, how must it be deployed?

- A. as a slave
- B. as a master
- C. as, an HTTP master
- D. as a master or slave

Answer: A

QUESTION 16

An engineer is planning an Alteon Switched Firewall system for an Internet Service Provider. The customer estimates they will need to provide support for up to 20,000 new sessions per second. How many Alteon Switched Firewall Directors should the engineer plan for a cluster?

- A. 1
- B. 2
- C. 4
- D. 5

Answer: C

QUESTION 17

What is the minimum version of WebOS required to support VPN load balancing on the web switch?

- A. 8.3x
- B. 9.0x
- C. 8.0x
- D. 10.0x

Answer: A

QUESTION 18

A hosting provider is running Alteon web switches in a load balancing configuration with VRRP. The backups have not received a VRRP advertisement message by the designated timeout period. How will the backups respond?

- A. will signal the director that a new master is needed
- B. will elect backup with the highest priority as the master
- C. will signal the switch manager that a new master is needed
- D. will route all sessions to the backup with the least connections

Answer: B

QUESTION 19

In a virtual server backup configuration, servers 1 and 2 are in support of a virtual service. Server 3 has been configured as a backup for the virtual service. If server 2 fails, what action will take place for server 3?

- A. no action since only one server failed
- B. will come into service in place of server 2
- C. will be automatically configured as a real server
- D. will come into service in place of server 2 but will return to backup if server 2 returns to service

Answer: A

QUESTION 20

An engineer is planning a layer 7 web cache *** (WCR) setup for a customer. What

is the least expensive model of Alteon web switch that can be used to support this requirement?

- A. AD4
- B. AD3
- C. 180e
- D. Web switch module (WNM)

Answer: B

QUESTION 21

An engineer is planning an iSD-SSL configuration for a customer and is addressing the need for redundant operation. The engineer selects hot-standby. How will the VSR masters be arranged?

- A. all VSR masters on one side only
- B. at least one VSR master per side
- C. VSR masters SPLIT evenly across sides
- D. All VSR masters configured as active-active

Answer: A

QUESTION 22

An Alteon web switch customer has a group of servers with some closing connections faster than others. If the customer wants to forward more connections over time to the faster servers, which load balancing policy parameter should be configured?

- A. Hash
- B. MaxConns
- C. MinMisses
- D. LeastConns

Answer: D

QUESTION 23

An engineer is adding iSD-SSL devices to an existing cluster. How many iSD-SSL devices can be designated as master before the subsequent iSD-SSL devices that join the cluster are designated as slave?

- A. 2
- B. 3
- C. 4
- D. 5

Answer: C

QUESTION 24

Certkiller .com has two virtual services and wants to allow the separation of server bandwidth decisions based on protocol load. Which configuration of real servers will best support this requirement?

- A. different real server pools per virtual service
- B. one pool of real servers designated as unassigned
- C. one pool of real servers for both virtual services
- D. one real server supporting both virtual services

Answer: A

QUESTION 25

What types of VPNs are supported by the Alteon *** solution?

- A. all types of VPNs
- B. VPNs that support
- C. VPNs that support one IP address on the same Interface
- D. VPNs that support multiple IP addresses on the same Interface

Answer: D

QUESTION 26

On an Alteon Switched Firewall system, from where dose the FireWall-1 software run?

- A. on the host Alteon web switch
- B. on the Alteon Switched Firewall Director
- C. on the Alteon Switched Firewall Accelerator
- D. on the Alteon Switched Firewall management server

Answer: B

QUESTION 27

What is the throughput rate for an Alteon Switched Firewall system on the 184 platform with a deployment of six Switched Firewall Directors?

- A. 3 Gbps
- B. 6 Gbps
- C. 2 Gbps
- D. 32 Gbps

Answer: A

QUESTION 28

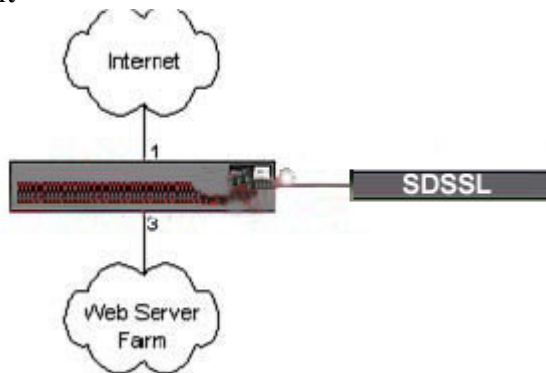
An Alteon web switch configuration is operating in active standby redundancy mode with two switches. Three services are being supported. Which statement is TRUE regarding active processing of packets for any one service?

- A. both switches are processing Layer 3 and 4 frames for the service
- B. the active switch will be the same for each of the three services
- C. only one switch is actively processing packets for the service at any one time
- D. both switches are actively processing packets for the service at same time

Answer: C

QUESTION 29

Exhibit



Refer to the exhibit. Which ports (1to3) must have client processing configured for HTTP and HTTPS support?

- A. 1 only
- B. 2 only
- C. 1 and 2
- D. 1,2,and 3

Answer: C

QUESTION 30

Which statement is FALSE regarding the benefits of Web Cache Redirection over standard Cache solutions?

- A. better scalability by easily adding new Content Caches
- B. better handling of streaming media by using multicast support of the AWS
- C. sends only relevant traffic to the caches, reducing CPU load on the Content Caches
- D. better hit rate by avoiding duplicate content when using two or more Content Caches

Answer: B

QUESTION 31

In a web cache redirection (WCR) scenario, where must the redirection filter be

applied?

- A. on the ports that connect to the redirector
- B. on the VLAN that contains the Content Caches
- C. on the ports that are physically connected to the WebServers
- D. on the ports that are physically connected to the clients/browsers

Answer: D

QUESTION 32

An Internet Service Provider has deployed an Alteon Switched Firewall system. An analysis shows that throughput is lower than expected. What could be causing the problem?

- A. SecureXL component was not included in software license
- B. Management station has not been placed on an Alteon Switched Firewall cluster
- C. Management station has not been placed on an Alteon Switched Firewall director
- D. More than six Alteon Switched Firewall Directors have placed in the cluster

Answer: A

QUESTION 33

The Alteon Switched Firewall Accelerator is based up which platform?

- A. Web switch platform
- B. Web Switch Module (WSM) platform
- C. Alteon Switched Firewall Manager platform
- D. Alteon Switched Firewall Director platform

Answer: A

QUESTION 34

Which SSL Accelerator platform will most efficiently meet these requirements?

- A. iSD-SSL 100
- B. iSD-SSL 300
- C. iSD-SSL 310
- D. iSD-SSL 410

Answer: A

QUESTION 35

ISD-SSL has been recommended to customer as a means to solve mega-proxy stickiness issues. How is the accomplished?

- A. iSS-SSL provides cookie-based persistence for HTTP and HTTPS

- B. iSS-SSL provides cookie-based persistence for network address translations
- C. iSD-SSL provides network address translations for cookie-based persistence
- D. iSD-SSL provides network address translationspersistence for HTTP and HTTPS

Answer: A

QUESTION 36

An engineer has designed an Alteon Switched Firewall system with a capacity of 32,000 sessions per second. How many Switch Firewall Directors are being used?

- A. 6
- B. 4
- C. 32
- D. 16

Answer: A

QUESTION 37

Which iSD-SSL platform will most efficiently meet these requirements?

- A. iSD-SSL 100
- B. iSD-SSL 300
- C. iSD-SSL 310
- D. iSD-SSL 410

Answer: D

QUESTION 38

A network planner has analyzed a Service Provider's Passport 8600 and web switch module (WSM) configuration and traffic volume. A recommendation to add a maximum compliment of WSMs to the Passport 8600 has been made. What capacity requirement would support this recommendation?

- A. need to support up to 256 VLANs
- B. need to support up to eight Gbps ports
- C. need to support up to 2,000 IP routing interfaces
- D. need to support up to eight Gbps of switch capacity

Answer: C

QUESTION 39

Certkiller .com has a Passport 8600 with one switch module (WSM). Which features can be supported simultaneously with this minimal configuration?

- A. content switching, load balancing, and content caching
- B. content switching, load balancing, and content filtering

- C. content switching and load balancing, but not content filtering
- D. load balancing and content filtering, but not content switching

Answer: B

QUESTION 40

A Web Hosting company wants to ensure security for their customers and manage key administration centrally, all without impacting site performance. What rationale would support a recommendation to deploy the Alteon iSD-SSL Accelerator?

- A. iSD-SSL would add Secure Socket Layer capability to local servers, allowing traffic to proceed.
- B. iSD-SSL would offload Secure Socket Layer processing from local servers without imposing delays on other traffic in the same data path.
- C. iSD-SSL would enable local servers to add Secure Socket Layer capability, allowing improved traffic flow.
- D. iSD-SSL would offload Secure Socket Layer processing from the content caches, enabling improved traffic flow.

Answer: B

QUESTION 41

Which Alteon gigabit web switch platform also has 2MB of memory per port?

- A. AD4 platform
- B. 184 platform
- C. AD3 platform
- D. 180e platform

Answer: D

QUESTION 42

What is the ramp rate for new session for an Alteon Switched Firewall Director?

- A. up to 5,000 session per second
- B. up to 3,000 session per second
- C. up to 2,048 session per second
- D. up to 32,000 session per second

Answer: A

QUESTION 43

Certkiller .com is planning to build out a high-performance Web Server farm and will need to aggregate 10/100/1000 Mbps Ethernet ports. If the customer also want to support up to 200,000 concurrent sessions what is the minimal platform

configuration that a designer should recommend?

- A. AD3 platform
- B. AD4 platform
- C. 180e platform
- D. iSD-SSL platform

Answer: C

QUESTION 44

What is the main purpose of the Alteon Content Manager?

- A. configuration and provisioning tool for Alteon web switch
- B. control and distribution of load balanced internet content to end users
- C. configuration, control, and distribution of internet content across cache servers
- D. configuration, control, and distribution of internet content across Alteon web switches

Answer: C

QUESTION 45

Which configuration tool offers an intuitive, graphical interface to manage and configure individual Alteon switches?

- A. Admin PC
- B. Element Management System (EMS)
- C. Command Language interpreter (CLI)
- D. Browser-based Command Language Interpreter

Answer: B

QUESTION 46

Which Alteon switch management tool provides user-friendly access to all aspects of individual switch management?

- A. LOGUTIL
- B. Admin PC
- C. Element Management System (EMS)
- D. Command Language Interpreter (CLI)

Answer: C

QUESTION 47

The Alteon Content Manager can provide a single point of management for how many Alteon Content Cache's?

- A. 100

- B. 500
- C. 1,000
- D. 2,000

Answer: D

QUESTION 48

Certkiller .com has a requirement to deploy and administer Public Key Infrastructure (PKI) in their secure transaction environment. Managing the expense of a wide PKI deployment is a concern. How does iSD-SSL help control the administrative and cost burden?

- A. accelerates PKI traffic up to 200 TPS
- B. consolidates PKI traffic onto a single device
- C. directs PKI traffic to a single web cache redirection point
- D. centralizes certificate management from multiple servers to a single device

Answer: D

QUESTION 49

In order to support up to 20,000 new sessions per second in an Alteon Switched Firewall system, what is the minimum configuration needed?

- A. one Switched Firewall Accelerator (SFA) and two Switched Firewall Directors (SFDs)
- B. two Switched Firewall Accelerator (SFA) and two Switched Firewall Directors (SFDs)
- C. one Switched Firewall Accelerator (SFA) and four Switched Firewall Directors (SFDs)
- D. two Switched Firewall Accelerator (SFA) and four Switched Firewall Directors (SFDs)

Answer: C

QUESTION 50

Design criteria for a customer's network include requirements to reduce bandwidth connection costs and Increase performance for Internet traffic. Which service would you implement to achieve this requirement?

- A. Layer 7 Filtering
- B. Web Cache Redirection
- C. Firewall Load Balancing
- D. Web server Load Balancing

Answer: B

QUESTION 51

Which statement is TRUE regarding uri-based traffic redirection for Secure Socket Layer (SSL) sessions where the uri is encrypted?

- A. the iSD-SSL cannot support uri-based load balancing
- B. uri-based load balancing cannot be used without an iSD-SSL
- C. uri-based load balancing with encrypted uris must use port 81 of the iSD-SSL
- D. the iSD-SSL can only support encrypted uri-based load balancing when coupled when coupled with a switched firewall

Answer: B

QUESTION 52

Which type of content is NOT usually by an Alteon Content Cache?

- A. live Streaming video
- B. on Demand Streaming video
- C. static HTTP Web pages like .gif files
- D. dynamic HTTP Web pages like .cgi files

Answer: D

QUESTION 53

A Host Provider is preparing to deploy an Alteon Switched Firewall system with Alteon Switched Firewall Accelerators (SFA) and Alteon Switched Firewall Directors (SFD). To achieve a full failproof design, what is the minimum configuration?

- A. 2 SFA + 2 SFD, having SFAs connected through port 9
- B. 2 SFA + 2 SFD, having SFAs connected through 2 different ports
- C. 2 SFA + 2 SFD, having the SFA in a 8600with redundant power supplies
- D. 2 SFA + 2 SFD, having SFAs connected through port 9 and each SFA with 2 SFDs

Answer: A

QUESTION 54

Why is the Hash algorithm NOT used to do VPN load balancing?

- A. all client traffic is initiated behind a Proxy
- B. most of the client traffic is initiated behind a Proxy
- C. different TCP and UDP ports are used to start a client VPN
- D. source and destination IP are often encrypted inside the datagram

Answer: D

QUESTION 55

A Data center customer is using Content Cache to accelerate Web Server performance. What is a key concern with this type of design?

- A. The efficiency of the cache will not be as high when it is doing forward proxy
- B. The Cache will use its own IP to make requests to the Web Servers hence making it impossible to generate valid statistics from the web servers.
- C. The response time is slightly reduced due to having the cache as an additional hop for HTTP traffic.
- D. If asymmetric routing exists, it is possible that the traffic going from the web servers return to the client without passing through the caches thus defeating the ability of the content caches to actually cache anything

Answer: B

QUESTION 56

In which scenario would a web switch be best suited to perform web cache redirection in instances where browser reconfiguration is not required?

- A. Proxy Caching
- B. Caches using ICP
- C. Application forwarders
- D. Forward Transparent Caching

Answer: D

QUESTION 57

Which mode of operation is NOT a mode of operation of an Alteon Content Cache?

- A. Reverse Proxy
- B. Web acceleration
- C. Transparent Forward Proxy
- D. Transparent Reverse Proxy

Answer: D

QUESTION 58

One way to protect real servers from denial of service attacks is to implement.?

- A. delayed binding
- B. immediate binding
- C. layer 7 deny filters
- D. direct server return

Answer: A

QUESTION 59

An Alteon Switched Firewall system with Switched Firewall Accelerators (SFAs) and Switched Firewall Directors (SFDs) is being planned for a datacenter application. If the datacenter wants to offer security and load balancing services for their customers in this scenario, what is the proper minimum setup?

- A. one SFA, one SFD for security, and one Alteon web switch for the load balancing
- B. two Switched Firewalls, one SFD, load balancing will be handled by the secondary SFA
- C. one Switched Firewall, two SFD, load balancing will be handled by the secondary SFD
- D. one SFA, one SFD only since the load balancing will be handled by the Switched Firewall

Answer: A

QUESTION 60

The number of real servers that can be configured on an AD4 running Web OS 10.0 is:

- A. 128
- B. 512
- C. 1,024
- D. 2,048

Answer: C

QUESTION 61

A service provider has deployed an Alteon web switch and iSD-SSL configuration. In this example, the iSD-SSL is connected to the Alteon web switch. Which statement is TRUE regarding the services this iSD-SSL can support?

- A. web switch hosting
- B. transparent hosting
- C. firewall appliance utilization
- D. content switching on HTTPS sessions

Answer: D

QUESTION 62

An engineer is planning a VPN load balancing (VPNLB) configuration for a customer. For traffic handling, the engineer wants to ensure that egress and ingress traffic traverse the same VPN device. Which mechanism should be selected?

- A. Hash
- B. MinMisses

- C. LeastConns
- D. Return to Sender

Answer: D

QUESTION 63

When using Alteon Content Cache (ACC) as a transparent proxy in an enterprise scenario, which statement is FALSE?

- A. the same caching performance is achieved as compared to transparent mode
- B. client browsers must be configured to point to the ACC as the default gateway
- C. a better level of security is realized since ACC will work as a type of firewall
- D. public IP addresses are saved as client will access the Internet using the ACC address

Answer: B

QUESTION 64

A Data center customer wants to accelerate their web servers. To address this need, Alteon Content Cache (ACC) has been deployed near the web servers. In this design, the following benefits can be realized EXCEPT for.

- A. improving response time to clients
- B. reducing the load on the web servers
- C. reducing the number of web servers needed
- D. reducing bandwidth used to provide the content

Answer: D

QUESTION 65

What is the major advantage of Alteon Switched Firewall when compared to first or second generation firewalls?

- A. By using a 2component approach, Alteon Switched Firewall is more secure.
- B. By using a 2component approach, Alteon Switched Firewall is more scalable.
- C. By using a switch to do the statefull inspection of the packet flow, Alteon Switched Firewall is faster and avoids performance degratation as the traffic volume increases
- D. By using a switch to load balance the requests to the firewall appliances, Alteon Switched Firewall is more scalable and more resilient

Answer: C

QUESTION 66

Which Alteon platform can be configured to support up to 4,000,000 concurrent sessions?

- A. AD3 platform

- B. AD4 platform
- C. 184 platform
- D. Web switch module (WSM)

Answer: D

QUESTION 67

A high-traffic IT data center has deployed an Alteon Switched Firewall system. Later, the configuration is changed to include six Alteon Switched Firewall Directors. What is the maximum throughput now supported?

- A. 3 Gbps
- B. 6 Gbps
- C. 8 Gbps
- D. 1.2 Gbps

Answer: A

QUESTION 68

An Alteon Switched Firewall Director perform policy checking on new sessions. Once a session is active, policy checking is a matter of table lookup for subsequent packets. Which appliance performs this table lookup?

- A. Switched Firewall System
- B. Switched Firewall Manager
- C. Switched Firewall Director
- D. Switched Firewall Accelerator

Answer: D

QUESTION 69

Which statement is true regarding transparent caching topology?

- A. a web switch is required
- B. on redirection is required
- C. the clients must use netscape browsers
- D. the users must configure their browsers to point to the cache

Answer: A

QUESTION 70

Which iSD-SSL platform will most efficiently meet these requirements?

- A. iSD-SSL 100
- B. iSD-SSL 300
- C. iSD-SSL 310

D. iSD-SSL 410

Answer: D

QUESTION 71

An engineer has recommended that a customer add Web switch modules (WSM) to their Passport 8600. what capacity requirement would support this addition?

- A. need to support up to 2,048 policy filters
- B. need to support millions of concurrent sessions
- C. need to support up to 255 IP routing interfaces
- D. need to support up to 296,000 sessions per second

Answer: B

QUESTION 72

Which statement is true regarding the main benefits of web cache redirection?

- A. Allows monitoring of all outgoing traffic
- B. No configuration is required on the client browsers as the caches are transparent and can be utilized without content duplication
- C. Only the client's browsers need to be pointed to the cache and all cache updates are load balanced by the switch.
- D. Bandwidth costs are reduced, and performance is increased, although administrative costs are increased

Answer: B

QUESTION 73

A Hosting provider wants to support streaming video caching on their Alteon Content Cache. Which action is necessary to support this requirement?

- A. enable Streaming Video acceleration
- B. nothing Streaming video caching is enabled by default on ACC
- C. order and install either the MS or Realmedia streaming video licences
- D. change the maximum file size parameter to the maximum estimated size of the expected streaming content

Answer: C

QUESTION 74

What is a typical cache hit rate for a cache doing Web server Acceleration on Reverse Proxy mode?

- A. 10%
- B. 20%

- C. 30%
- D. 65%

Answer: D

QUESTION 75

The number of real server that can be configured on an AD4 running web OS 10.0 is:

- A. 128
- B. 512
- C. 1,024
- D. 2,048

Answer: C

QUESTION 76

Which type of content is NOT usually cached by an Alteon Content Cache?

- A. live Streaming video
- B. on Demand Streaming video
- C. static HTTP web pages .gif files
- D. dynamic HTTP web pages like .cgi files

Answer: D

QUESTION 77

Certkiller .com has requirement to deploy and administer Public Key infrastructure (PKI) in their secure transaction environment. Managing the expense of a wide PKI deployment is a concern. How dose iSD-DDL help control the administrative and cost burden?

- A. Accelerates PKI traffic up to 200 TPS
- B. Consolidates PKI traffic onto a single device
- C. Directs PKI traffic to a single web cache redirection point.
- D. Centralizes certificate management from multiple servers to a single device

Answer: D

QUESTION 78

One way to protect real servers from denial of service attacks is to implement

- A. delayed binding
- B. immediate binding
- C. layer 7 deny filters
- D. direct server return

Answer: A

QUESTION 79

An Internet Service Provider has an Alteon Switched Firewall system with one Switched Firewall Accelerator (SFA) and two Switched Firewall Directors (SFDs). What happens to an established TCP session when the SFD that processed that session fails?

- A. The TCP session must be reinitiated in order to be managed by the other SFD.
- B. Nothing because the SFDs are always synchronized and as the first one dies, the second takes over.
- C. The TCP session continues as if nothing happened because it is the Alton Switched Firewall that handles the TCP session after the SFD allowed it.
- D. The TCP session packet flow is allowed to continue until the next health check interval (2 seconds by default) then it is reset.

Answer: C

QUESTION 80

An engineer is planning an Alteon Switched Firewall system for a Datacenter application with a requirement for independent security cells per customer based on VLANs. How many VLANs can be supported in this scenario?

- A. up to 96 different VLANs using 802. 1q
- B. up to 240 different VLANs using 802. 1q
- C. as many VLANs as Checkpoint to will allow
- D. up to port based VLANs and scale up using a L3 switch

Answer: B

QUESTION 81

Why is the Hash algorithm NOT used to do VPN load balancing?

- A. all client traffic is initiated behind a Proxy
- B. most of the client traffic is initiated behind a Proxy
- C. different TCP and UDP ports are used to start a client VPN
- D. source and destination IP are often encrypted Inside the datagram

Answer: D

QUESTION 82

A service provide wants offer content-intelligent services and QoS to e-commerce customers. A planning team proposes an Alteon web switch and iSD-SSL configuration. How does the iSD-SSL help enable content-intelligent services in this secure transaction scenario?

- A. the iSD encrypts uri information for the web switch
- B. the iSD directs encrypted connections to the web switch
- C. by use of unencrypted connections, the iSD directs uri information to the end user
- D. by use of unencrypted connections from the iSD, the uri information is made visible to the web switch

Answer: D

QUESTION 83

Which type of traffic is never cached by the Alteon Content Cache?

- A. FTP
- B. HTTP/HTML
- C. HTTPS/HTML
- D. Screaming Media

Answer: C

QUESTION 84

A data center customer wants to accelerate their web servers. To address this need, Alteon Content Cache (ACC) has been deployed near the web servers. In this design, the following benefits can be realized EXCEPT for

- A. improving response time to clients
- B. reducing the load the web servers
- C. reducing the number of web servers needed
- D. reducing bandwidth used to provide the content

Answer: D

QUESTION 85

An engineer is planning a VPN load balancing (VPNLB) configuration for a customer. For traffic handling, the engineer wants to ensure that egress and ingress traffic traverse the same VPN device. Which mechanism should be selected?

- A. Hash
- B. MinMisses
- C. LeastConns
- D. Return to Sender

Answer: D

QUESTION 86

Certkiller .com wants to provide intelligent caching functions by ensuring all content of a particular type is sent to a group pf servers. Which web cache redirection

(WCR) function would best suit the customer's needs?

- A. WCR and ICP to determine content location
 - B. Layer 7 WCR with associated load balancing strings for the specific content
 - C. Layer 7 WCR and ICP with associated load balancing strings for the specific content
 - D. Layer 7 and WCR with associated load balancing strings for the specific content
- answer

Answer: B

QUESTION 87

A web hosting customer is using the iSD-SSL operations. A client has sent an HTTP-S request and iSD-SSL has completed the handshake. To which port(s) can the SSL box can now send the sessions?

- A. any port
- B. port 23only
- C. port 81 only
- D. port 23 or 81

Answer: A

QUESTION 88

Which component is NOT part of the Alteon Switched Firewall System?

- A. WebOS
- B. Checkpoint NG software
- C. Switched Firewall Director
- D. Switched Firewall Accelerator

Answer: A

QUESTION 89

From the checkpoint client perspective, what is a difference in managing the Alteon Switched Firewall when compared with a Checkpoint Firewall in a generic opreationg system?

- A. None. They are the same
- B. The Alteon Switched Firewall interface is much easier to use
- C. The same concepts are used but the Alteon Switched Firewall user interface is enhanced
- D. They are concepts the same, except for a few new features that Alteon Switched firewall can support and the standard firewall cannot.

Answer: A

QUESTION 90

The Alteon Content Manager is comprised of which specialized management components

- A. System Controller, Content Controller, and Cache Redirector
- B. System Controller, Content Controller, and Content Director
- C. System Controller, Content Controller, and Content Accountant
- D. Accelerator Controller, Content Controller, and content Accountant

Answer: C

QUESTION 91

Which configuration tool offers an intuitive, graphical interface to manage and configure individual Alteon switches?

- A. Admin PC
- B. Element Management System (EMS)
- C. Command Language Interpreter (CLI)
- D. Browser-based Command Language Interpreter

Answer: B

QUESTION 92

An e-commerce customer is using the Alteon Content Manager to enable the storage of content on an Alteon Content Cache's RAM or disk space. This ability is known as:

- A. pinning
- B. affixing
- C. indexing
- D. RAM indexing

Answer: A

QUESTION 93

An Alteon switch customer is expanding its network. One area of planning is to enable a short learning curve for the technicians that will be configuring and managing the systems. Which configuration tool will best support this requirement?

- A. Admin PC
- B. Element Management System (EMS)
- C. Command Language Interpreter (CLI)
- D. Browser-based Command Language Interpreter

Answer: B

QUESTION 94

Which type of content is considered non-cacheable?

- A. text
- B. audio
- C. exe files
- D. gif images

Answer: C

QUESTION 95

An engineer is planning an Alteon web switch deployment and wants to aggregate bandwidth by taking advantage of port trunking capabilities. Which is the maximum port trunking capability per switch?

- A. up to four port groups consisting of 2 to 6 trunks each
- B. up to four trunk groups consisting of 2 to 6 trunks each
- C. up to four trunk groups consisting of 6 to 12 trunks each
- D. up to eight trunk groups consisting of 2 to 6 trunks each

Answer: B

QUESTION 96

An engineer is planning an Alteon Switched Firewall System and wants to provide for up to 3 Gbps throughput and up to 32,000 sessions per second. Which factors govern throughput and session capacity on an Alteon Switched Firewall System?

- A. throughput is governed by the Switched Firewall Accelerator and Switch Firewall Director
- B. new session adds per second are governed by the total number of Switched Firewall Directors in the cluster
- C. the total number of concurrent session is governed by the total number of Switched firewall Directors in the cluster
- D. the maximum throughput on the Alteon Switched Firewall is 6.4Gbps when using two SFA-184's in HIGH Availability mode

Answer: B

QUESTION 97

Certkiller .com has inserted a Web Switch Module (WSM) into their Passport 8600 to enable WebOS Filtering capabilities. When the WSM is now active, from which ports will the WebOS Filtering capabilities be available?

- A. only the rear facing ports of the WSM
- B. all Ports in the Passport 8600 Chassis
- C. only the front facing ports of the WSM

D. the front and rear facing ports of a WSM

Answer: D

QUESTION 98

How many filters are supported per each Web switch module (WSM)?

- A. 256
- B. 2,048
- C. 1,024
- D. 5,000

Answer: B

QUESTION 99

Which proprietary extension of Virtual Router Redundancy Protocol (VRRP) is used by Alteon WebOS to enhance redundancy?

- A. pinning
- B. tracking
- C. priorities
- D. ICMP redirects

Answer: B

QUESTION 100

Certkiller .com has a need to improve network and server utilization and performance. An engineer has recommended that the customer deploy Alteon web switches into their network to streamline the switching of web sessions. Which aspect of Alteon traffic management supports this requirement?

- A. circuit-based traffic management
- B. circuit and packet-based traffic management
- C. packet-based traffic management
- D. application and content-based traffic management

Answer: D

QUESTION 101

Which statement best describes the handing of FTP traffic within the Alteon Switched Firewall?

- A. only Passive FTP and not Active FTP is supported in the ASF
- B. both the FTP-DATA and FTP-CONTROL connections are inspected by the Director and offloaded using SecureXL to the Accelerator
- C. both the FTP-DATA and FTP-CONTROL connections are inspected by the Director

but not offloaded using SecureXL to the Accelerator

D. only the FTP-DATA connection can be Accelerated. The FTP-CONTROL connection must be parsed by the Director

Answer: D

QUESTION 102

Which statement best describes the deployment of Alteon web switches in an active-active configuration?

- A. Client processing and server processing is performed by both switches for the same services.
- B. Server processing is performed on the master switch but client processing is performed by either.
- C. Client processing is performed on the master switch but client processing is performed by either.
- D. All switches are active layer 2 and layer 3 forwarding devices but actual service load balancing is performed only on the master.

Answer: A

QUESTION 103

A request has been made for a web page. Assuming that a cache is being employed and that the page has been stored locally, how will the web page request be handled?

- A. cache sends the page to the requestor without retrieving it from the host server
- B. cache sends the far-end server host tag to the requestor so that can connect directly
- C. cache requests the web page from the host server and sends it to the requestor by the most direct route
- D. cache directs the host server to send the web page to along with the server uri to speed the next similar request

Answer: A

QUESTION 104

Intrusion Detection System (iDS) server Load Balancing is important because no single IDS device can scale to multi-gigabit speeds. What is a design consideration of IDS Server Load Balancing?

- A. all configured Intrusion Detection Servers must be of the same type
- B. each IDS Server must be connected to a different physical switch port
- C. IDS server Load Balancing cannot be configured on ports with 802.1q tagging
- D. IDS server Load Balancing cannot be configured on ports with Client Processing

Answer: B

QUESTION 105

What is the functionality of the imask feature of Alteon WebOS?

- A. specifies the incoming range to used in a port based filter
- B. specifies a network or rang of addresses allowed to manage the switch
- C. specifies a network or range of addresses allowed to manage the switch
- D. enables administrators to exceed otherwise limited amounts of VIP and REALs by specifying network

Answer: D

QUESTION 106

An engineer has recommended that an enterprise deploy Alteon web switches into their network to route traffic session based on content. How will the Alteon web switch direct incoming HTTP session requests?

- A. web switch will direct HTTP requests to a specific url
- B. web switch will direct HTTP requests to a specific router
- C. web switch will direct HTTP session requests to a specific user
- D. web switch will direct HTTP session requests to a specific server

Answer: D

QUESTION 107

What is the maximum amount of IP interfaces supported per VLAN on the Alteon web switch?

- A. 128
- B. 256
- C. 512
- D. 1,048

Answer: B

QUESTION 108

What is the minimum version of WebOS required to support VPN load balancing on the switch?

- A. 8.3x
- B. 9.0x
- C. 8.0x
- D. 10.0x

Answer: A

QUESTION 109

An engineer has configured a real server as a backup/overflow server for a virtual service. Under what condition will the real server come into service?

- A. all real servers in the virtual service group fall
- B. any real server in the virtual service fails
- C. any virtual server in the virtual service fail
- D. any real server in the virtual service fails

Answer: A

QUESTION 110

In a web cache redirection (WCR) scenario, where must the redirection filter be applied?

- A. on the ports that connect to the redirector
- B. on the VLAN that contains the Content Caches
- C. on the ports that are physically connected to the WebServers
- D. on the ports that are physically connected to the clients/browsers

Answer: D

QUESTION 111

Certkiller .com has an Alteon Switch Firewall system with a cluster containing two Switched Firewall Directors (SFDs) and one Switch Firewall Accelerator(SFA). In which mode will the SFDs operate?

- A. all SFDs operate in active mode and support stateful failover
- B. one SFD will be in active mode and one SFD will be in standby mode
- C. all SFDs operate in active mode in active mode with stateful failover provided by the SFA
- D. all SFDs operate in standby mode in active mode with stateful failover provided by the SFA

Answer: A

QUESTION 112

Which statement is TRUE regarding a load balancing session on an Alteon web switch?

- A. has a high latency
- B. mostly hardware switched
- C. mostly software switched
- D. client and server TCP connection are splices by software

Answer: B

QUESTION 113

What is the maximum amount of iSD-SSLs that can be designated as slaves?

- A. 4
- B. 16
- C. 256
- D. 252

Answer: D

QUESTION 114

What types of VPNs are supported by the Alteon VPN load balancing solution?

- A. all types VPNs
- B. VPNs that support OSPF
- C. VPNs that support one IP address on the same interface
- D. VPNs that support multiple addresses on the same interface

Answer: D

QUESTION 115

Which statement is TRUE regarding the Alteon Switched Firewall Director?

- A. should not be used in a cluster
- B. dose not require a separate license
- C. should not be used as a management station
- D. should be provisioned with an Alteon Switched Firewall OS

Answer: C

QUESTION 116

How many separate software licenses must be obtained?

- A. 1
- B. 3
- C. 7
- D. 8

Answer: C

QUESTION 117

An engineer is working with an e-commerce company in the design phase of an Alteon web switch with multiple iSD-SSLs configuration. The customer expects that future traffic demand may reach over 250,000SSL sessions per second. What is the maximum configuration of iSD-SSLs that can be deployed in this single web switch

scenario?

- A. 48
- B. 256
- C. 128
- D. 310

Answer: B

QUESTION 118

An engineer has designed an Alteon web switch with load balancing configuration. For redundancy, the engineer wants all switches to actively perform load balancing and routing functions, but for different virtual services. Which redundancy operational mode should be selected?

- A. standby
- B. hot standby
- C. active active
- D. active standby

Answer: D

QUESTION 119

An engineer is designing a standard web cache redirection (WCR) configuration using DMAC substitution. Do the Content Caches have to be directly connected to the Alteon web switch?

- A. No, you can use a Layer2 switch between the caches and the Alteon web switch.
- B. No, you can use a Layer2 or a Layer 3 switch between the caches and the Alteon web switch.
- C. Yes, otherwise the Alteon web switch will not be able to correctly healthcheck the Content Caches.
- D. Yes, otherwise the Alteon web switch will not be able to correctly forward the packets to the Content Caches.

Answer: A

QUESTION 120

An engineer has configured a real server as a backup/overflow server for real server X. Under which condition will the backup/overflow server come into service?

- A. all virtual servers in the virtual service group fail
- B. any virtual servers in the virtual service group fails
- C. real server X fails or reaches a MaxConns threshold
- D. real server X fails or reaches a LeastConns threshold

Answer: C

QUESTION 121

An Internet Service Provider is considering an Alteon web switch and iSD-SSL deployment. The ISP anticipates a need to support up to 168,000 connections. Which Alteon web switch platform should be coupled with the iSD-SSL?

- A. AD3 platform
- B. AD4 platform
- C. 184 platform
- D. 185 platform

Answer: A

QUESTION 122

What is the maximum number of iSD-SSL devices supported in a cluster?

- A. 32
- B. 64
- C. 128
- D. 256

Answer: D

QUESTION 123

An Alteon web switch configuration in active active redundancy mode with two switches. Three services are being supported. Which statement is true regarding active processing of packets for the services?

- A. the active switch will be the same for each of the three services
- B. only the active switch is processing Layer 3 and 4 frames for the services
- C. only one switch is actively processing packets for the services at any one time
- D. both switches are actively processing packets for the services at the same time

Answer: D

QUESTION 124

Which statement is FALSE regarding the advantages of Layer 7 web cache redirection (WCR) using an Alteon web switch over Layer 4 WCR?

- A. better content distribution by hashing on the host name
- B. protects the caches form SYN Flood attacks since Delayed Binding is used
- C. avoids unnecessary processing by sending only requests to the caches if the content is cached
- D. avoids unnecessary processing by the content caches by sending only GET requests to

the caches

Answer: C

QUESTION 125

An engineer is planning an Alteon Switched Firewall system for an Internet Service Provider. The customer estimates they will need to provide support for up to 10,000 new sessions per second. How many Alteon Switched Firewall directors should the engineer plan for a cluster?

- A. 1
- B. 2
- C. 4
- D. 5

Answer: B

QUESTION 126

A Healthcare provider has built a system that ensures end-to-end encryption of their secure transactions but has experienced degradation of their server response times. An engineer has analyzed the issue and recommends that customer deploy iSD-SSL into the network. What rationale supports this recommendation?

- A. iSD-SSL would add Secure Socket Layer capability to local servers, allowing traffic to proceed
- B. iSD-SSL would offload Secure Sockets Layer processing from local servers without imposing delays on other traffic in the same data path.
- C. iSD-SSL would enable local caches to add Secure Socket Layer capability, allowing improved traffic flow
- D. iSD-SSL would offload Secure Sockets Layer processing from the content caches, enabling improved traffic flow

Answer: B

QUESTION 127

An enterprise has a need for an Ethernet web switch with standard server, firewall, and cache load balancing. Assuming this is an entry-level application with a need to support no more than 200,000 concurrent sessions, what is the minimal platform configuration that a designer should recommend?

- A. AD3 platform
- B. 184 platform
- C. AD4 platform
- D. 180e platform

Answer: A

QUESTION 128

Certkiller .com has a Passport 8600 with one web switch module (WSM). Which features can be supported simultaneously with this minimal configuration?

- A. content switching , load balancing ,and content caching
- B. content switching , load balancing ,and content filtering
- C. content switching and load balancing ,but not content filtering
- D. load balancing and content filtering, but not content switching

Answer: B

QUESTION 129

An engineer is planning an iSD-SSL configuration for a customer in the financial services industry. The customer anticipates a need to support up to 16,000 TPS. How many iSD-SSL 410s must be deployed to support this requirement?

- A. 1
- B. 4
- C. 16
- D. 32

Answer: C

QUESTION 130

The Alteon Switched Firewall system is composed of which software components?

- A. Alteon Switched Firewall OS for the Manager and Checkpoint Firewall-1 for the Director
- B. Alteon Switched Firewall OS for the Accelerator and Checkpoint Firewall-1 for the Director
- C. Alteon Switched Firewall OS for the Director and Checkpoint Firewall-1 for the Accelerator
- D. Alteon Switched Firewall OS for the Accelerator and Flashpoint Firewall-1 for the Director

Answer: B