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Question: 1

Which function is performed by the data plane?

- A. Log indexing
- B. Service engine lifecycle management
- C. Configuration backups
- D. Pool health monitoring

Answer: D

Question: 2

How would an operator replace the default certificate used by the Avi GUI with a trusted certificate?

- A. Generate a certificate of type Controller Certificate, then assign it to the management VS.
- B. Generate a certificate of type Controller Certificate, then update the Access Settings under Administration -> Settings.
- C. Avi can auto-generate a trusted certificate from the GUI and use it for the GUI access.
- D. The default certificate used by the Avi GUI is already trusted.

Answer: A

Question: 3

Which three techniques can an operator use to scale data plane performance? (Choose three.)

- A. BGP-based horizontal scaling of SES in an SE Group
- B. Native horizontal scaling of an individual SE
- C. Increase the maximum number of Virtual Services in an SE Group.
- D. Vertical scaling of an individual SE's resources
- E. Native horizontal scaling of SES in an SE Group
- F. OSPF-based horizontal scaling of SEs in an SE Group

Answer: A,C,E

Question: 4

An operator needs to configure a second Virtual Service that re-uses an existing VS IP on a separate service port. How is this handled in the Create VS configuration?

- A. In the Basic Setup Wizard, create the second VS without Auto Allocate, and then type in the existing VS IP.
- B. In the Advanced Setup Wizard, create the second VS as a Child Virtual Service.
- C. In the Advanced Setup Wizard, create the second VS without Auto Allocate, and then type in the existing VS IP.
- D. In the Advanced Setup Wizard, create the second VS with a "Virtual Service for VIP Sharing":

Answer: C

Question: 5

Which method must be used by an Operator to create a new Virtual Service for multiple ports and

network protocols?

- A. Create multiple Application Profiles for each required port.
- B. Create the Virtual Service using Basic Mode.
- C. Create the Virtual Service using Advanced Mode.
- D. Create the Virtual Service via the Service Engine CLI.

Answer: C

Question: 6

A virtual service is configured with an HTTP Security policy, Network Security policy, DataScript Response policy, and an HTTP Request policy. In which order will these be evaluated?

- A. Network Security -> HTTP Security -> HTTP Request -> DataScript Response
- B. Network Security -> HTTP Request -> HTTP Security -> DataScript Response
- C. HTTP Security -> Network Security -> HTTP Request -> DataScript Response
- D. DataScript Response -> Network Security -> HTTP Request -> HTTP Security

Answer: A

Question: 7

An administrator has configured an existing Layer 7 Virtual Service terminating SSL/TLS with WAF enabled. The administrator needs to include support for SMTP on the same FQDN/Virtual Service IP.

- A. Which is the correct configuration method?
- B. Create a second Virtual Service and IP for SMTP, and add a new record in DNS to handle SMTP separately.
- C. Add the SMTP listening ports with separate L4 Application Profile to the same L7 SSL/TLS VS, and use content switching to select SMTP Pool based on inbound port/protocol.
- D. Create a second Virtual Service that re-uses the same Virtual IP as the L7 SSL/TLS VS with separate listening ports, L4 Application Profile, and back-end SMTP pool.
- E. Add the SMTP listening ports with separate L4 Application Profile to the same L7 SSL/TLS VS, and disable destination port translation to the existing server pool.

Answer: C

Question: 8

What are two benefits of EC certificates over RSA certificates? (Choose two.)

- A. ECC provides similar strength as RSA but with much smaller keys.
- B. The certificates cost less money.
- C. Modern browsers no longer support RSA certificates.
- D. Processing for ECC is less CPU-intensive than for RSA.
- E. RSA certificates cannot be used in certain countries.

Answer: A,D

Question: 9

An operator configured a new content switch rule for HTTP Virtual Service and wants to check the logs

on the Virtual Service level to verify that the rule was executed as expected. However, the request cannot be found in the logs.

- A. Which action, if any, should the operator take so these logs can be seen?
- B. Enable non-significant logs on the Service Engine where Virtual Service is placed.
- C. Enable log headers option on the Virtual Service level.
- D. Enable non-significant logs on the Virtual Service level.
- E. No action will work because if the logs are not visible, it means there are no requests from the client.

Answer: D

Question: 10

Which item can only be configured when the operator uses the Advanced Setup wizard?

- A. Auto Allocation of the VIP
- B. Service Port
- C. Pool Group
- D. IPv6 VIP

Answer: D

Question: 11

Which built-in application profile is a valid option for a Virtual Service?

- A. System-DTLS
- B. System-Fast-Path
- C. System-ICMP
- D. System-DNS

Answer: B

Question: 12

Which statement accurately describes Service Engine Groups?

- A. They can contain Service Engines with different High Availability modes.
- B. They can be shared across multiple clouds.
- C. They can be deleted only after all Service Engines within it are deleted.
- D. Service Engines can be a member of more than one Service Engine Group.

Answer: D

Question: 13

Where are logging messages related to the inspection of application traffic found when enabling the Web

Application Firewall (WAF) on a Virtual Service?

- A. Logs tab of Virtual Service detail screen
- B. Security tab of the Virtual Service detail screen
- C. Analytics tab of Virtual Service detail screen

D. Alerts tab of the Operations screen

Answer: C

Question: 14

The network operations center has reported dramatically fewer entries in the logs tab of a new Virtual Service after the first 30 minutes of operation.

- A. What is the likely cause of the reduced log volume?
- B. Logs are being sent to syslog instead of the logs tab.
- C. The Service Engine has disabled logging due to high CPU load.
- D. Non-significant logs are not enabled.
- E. A widespread internet outage has occurred.

Answer: D

Question: 15

In which situation would using the Advanced Setup mode of the "Create Virtual Service" wizard be required?

- A. When creating HTTPS Virtual Service type
- B. When adding servers as part of the Virtual Service creation
- C. When specifying analytics settings
- D. When determining the application type

Answer: B

Question: 16

Which SE Group parameter affects the value of N for N+M HA?

- A. CPU Reserve
- B. VCPUs/Service Cores per SE
- C. Scale per Virtual Service
- D. Buffer Service Engines

Answer: C

Question: 17

An operator selects "Average Values" and "Past 30 Minutes" for statistics type and timeframe on the Analytics tab of a Virtual Service and notices the graph only provides a new data point every five minutes. The graph had been updating more frequently when the Virtual Service was first created.

- A. What is the explanation for this behavior?
- B. The Real Time Metrics option has been disabled by another operator.
- C. The GUI Refresh Interval has been increased to five minutes.
- D. The statistics type should be set to "Current Values" rather than "Average Values."
- E. The timeframe should be set to "Real Time" rather than "Past 30 Minutes."

Answer: E

Question: 18

Which element of the End-to-End Timing graph identifies the average time taken for a web server to process a request, fetch content from a database, and generate the content?

- A. Server RTT
- B. Total Time
- C. App Response
- D. Data Transfer

Answer: C

Question: 19

What is one component that is required to create a Virtual Service?

- A. Pool
- B. Application Type or Profile
- C. Health Monitor
- D. Server

Answer: B

Question: 20

What is the maximum number of virtual network adapters that can be used on single Service Engine running in a vSphere environment?

- A. 4
- B. 10
- C. 1
- D. 16

Answer: B

Question: 21

The network team has noticed that a Virtual Service has been marked down, but the application team has validated that the web servers are working as expected.

- A. What is the issue?
- B. The HTTP policy is configured to send a local response.
- C. The HTTP Redirect policy is associated with the Virtual Service, and its pool is marked down by health check.
- D. The Pool is configured with the wrong health monitor.
- E. The DataScript is attached to the Virtual Service without a default pool.

Answer: D

Question: 22

Which DNS application profile setting returns NOERROR responses for IPv6 AAAA queries when there is no AAAA record present for the FQDN?

- A. Change "Invalid DNS Query Processing" to drop
- B. Change "Number of IPs returned by DNS server" to 4
- C. Add an IPv6 domain name to "Valid Subdomains"
- D. Change "Invalid DNS Query Processing" to respond **Answer: D**

Question: 23

Which approach CANNOT be used to redirect HTTP to HTTPS for a Virtual Service?

- A. Select the System-Secure-HTTP Application Profile
- B. Use a Network Security Policy
- C. Write a Datascript
- D. Use an HTTP Request Policy

Answer: A

Question: 24

Which Virtual Service policy object can be used to serve a static web page if a rule is matched?

- A. Network Security Policy
- B. HTTP Request Policy
- C. HTTP Response Policy
- D. Custom Error Page **Answer: D**

Question: 25

Which statement regarding SNAT is NOT true?

- A. SNAT is enabled by default.
- B. SNAT limits a Virtual Service to a maximum of 64k concurrent connections.
- C. SNAT is required for connection multiplexing.
- D. SNAT is required for scaling a Virtual Service across Service Engines.

Answer: C

Question: 26

Which three options can be configured via the HTTP Application Profile? (Choose three.)

- A. X-Forwarded-For header
- B. PROXY Protocol
- C. HTTP cookie persistence
- D. Caching
- E. Rate limiting
- F. Web Application Firewall

Answer: A,C,D

Question: 27

Which statement is true for Avi to compress an HTTP response?

- A. Caching must be disabled.
- B. The Web Application Firewall must be disabled.
- C. Client round trip time must be greater than 100ms.

D. Client's Accept-Encoding header must be in the request.

Answer: D

Question: 28

The operator observes that the Health Score for a particular Virtual Service has a gray background and no numeric value. What is the explanation for the state of this Health Score?

A. The Service Engines on which the Virtual Service is placed have lost connection to the Controller.

B. All of the servers in the Virtual Service's configured Pools are down.

C. The Virtual Service has been disabled.

D. All Service Engines in the Service Engine Group are at maximum capacity, preventing the Virtual Service from being placed.

Answer: B

Question: 29

An operator suspects that the currently deployed Service Engines are undersized and is concerned about the impact of that situation. They are configured with 1 vCPU and 2 GB RAM.

A. Why is the operator concerned?

B. Operator would be unable to login to NSX Load Balancer Admin console

C. Additional Virtual Services could not be placed

D. SSL throughput would be affected

E. Client connections would be redirected to another pool

Answer: D

Question: 30

An application owner wants to ensure that traffic is only sent to a web server in the pool when its connection to a back-end database is fully functional.

A. Which approach will ensure this goal?

B. Create a DataScript that performs a database lookup to the back-end database.

C. Configure an External Health Monitor that performs a database lookup to the back-end database.

D. Create a Virtual Service with the back-end database server as pool member, and configure a TCP Health Monitor. Then, reconfigure the web servers to communicate with the database via this Virtual Service.

E. Configure an HTTP Health Monitor to query a URI that returns a specific response if and only if a back-end database call is successful.

Answer: C

Question: 31

An administrator has attached a WAF Policy to their Virtual Service and starts getting reports from users that they are receiving a "403 Forbidden" error when trying to reach their application.

A. Which configuration would likely cause this issue?

B. The WAF Policy is in enforcement mode.

- C. The WAF Policy has learning mode disabled.
- D. The WAF Policy signatures are disabled.
- E. The WAF Policy is in detection mode.

Answer: B

Question: 32

Which item is NOT a valid TCP/UDP Profile Type?

- A. UDP Proxy
- B. UDP Fast Path
- C. System-L4-Application
- D. TCP Fast Path

Answer: C

Question: 33

An operator has been informed by the application team that normal behavior of a new application will generate HTTP error code 403. The operator would like to avoid false positive in the significant logs.

- A. Which action should be taken to meet this goal?
- B. Write a Datascript for the HTTP Response event that matches on the HTTP 403 response code and disables logging for that response.
- C. Create a new Analytics Profile which disables non-significant logs.
- D. Create a new Analytics Profile which contains HTTP 403 in the "Exclude HTTP Status codes from Error Classification".
- E. Create a new Analytics Profile which disables significant logs.

Answer: D

Question: 34

Which two events trigger a significant log? (Choose two.)

- A. Client received a 301 - Moved Permanently response
- B. Client request came from a U.S. embargoed country
- C. Connection was prematurely closed by the client
- D. Request response time was greater than the configured threshold
- E. Client request was made to a Virtual Service that is down

Answer: C,D

Question: 35

An operator has been asked to increase SSL offload performance for a Virtual Service without compromising security. The Virtual Service is currently configured with both RSA and EC certificates.

- A. Which action could the operator take to meet this requirement?
- B. In the SSL/TLS Profile, disable all ciphers that have a check mark in the PFS column
- C. In the Virtual Service, scale out to an additional Service Engine
- D. In the SSL/TLS Profile, uncheck "Enable SSL Session Reuse"
- E. In the Virtual Service edit page, arrange the order so the EC certificate is before RSA

Answer: B

Question: 36

An operator observes that the health score for a Virtual Service has reduced. When hovering over the health score popup, the operator sees a Security Penalty of -20 has been applied.

- A. Which issue should be investigated as the most likely cause of this reduced score?
- B. The Pool has been configured with an HTTP health monitor rather than an HTTPS health monitor.
- C. The WAF Policy has not been configured with Positive Security rules.
- D. The SSL certificate attached to the Virtual Service will expire within the next 30 days.
- E. The CPU utilization of the Service Engine on which the Virtual Service is placed is exceeding 80%.

Answer: C

Question: 37

An operator has noticed that the Avi GUI is very slow.

- A. Which reason explains this slowness?
- B. Log all headers and Non-significant logs options have been enabled for multiple busy VSS.
- C. Compression has been enabled for multiple busy VSs.
- D. Two different clouds have been configured in this Avi Controller.
- E. Caching has been enabled for multiple busy VSs.

Answer: B

Question: 38

Which two mechanisms for alerting an operator that an SSL/TLS certificate is about to expire are enabled by default? (Choose two.)

- A. Health Score of VS which contain an expired SSL/TLS certificate will show up at the top in the Application Dashboard.
- B. The Avi Controller will send an SNMP trap to alert the operator.
- C. The Health Score of the VS will be lowered by a security penalty.
- D. The Avi Controller will send an email to alert the operator.
- E. In Template/Security/SSL TLS Certificates, the certificates that are about to expire will appear in yellow, orange, or red.

Answer: D,E

Question: 39

Which scripting language is used to build a DataScript?

- A. Lua
- B. Node.js
- C. Python
- D. Tcl

Answer: A

Question: 40

Which file type will the default WAF Profile bypass for inspection?

- A. yml
- B. .txt
- C. ico
- D. .exe

Answer: C

Question: 41

Which issue requires elastic scale-out?

- A. Mitigating disruption if a Controller fails
- B. Managing heavy increases in traffic volume without disruption
- C. Handling Layer 7 processing such as SSL Termination or Web Application Firewall
- D. Processing requests across multiple protocols

Answer: B

Question: 42

Which persistence mechanism does NOT consume memory on the Service Engine?

- A. HTTP Cookie Persistence
- B. Client IP Persistence
- C. App Cookie Persistence
- D. TLS Persistence

Answer: B

Question: 43

Which task is performed by the Controller?

- A. Checking the health of the back-end Pool Members
- B. Inserting Persistence Cookie into the data stream
- C. Indexing the client logs
- D. Determining which Service Engine processes a transaction in active/active scale-out mode

Answer: D

Question: 44

The Network Operations Center reports that an application had an outage last night during an Avi upgrade. The Service Engine Group assigned to this Virtual Service is using the default configuration, and the Virtual Service was deployed using the Basic Virtual Service creation wizard. What is the likely reason for this outage?

- A. Firewall rules were not configured for failover SE.
- B. This is by design since Service Engine upgrades are disruptive.
- C. There was a global internet outage.
- D. The Virtual Service was not scaled out.

Answer: B

Question: 45

Applications are being deployed in a hosted environment. The platform owner has a requirement to reduce infrastructure costs by allowing servers to be deprovisioned at times of lower load without impacting user traffic.

- A. Which load balancing algorithm is specifically designed to support this requirement?
- B. Least Connections
- C. Least Load
- D. Fewest Servers
- E. Fewest Tasks

Answer: D

Question: 46

Which method can be used to identify why a server has been marked down by a Health Monitor?

- A. Mousing over the Health Score indicator of the Virtual Service
- B. Searching for failed Health Monitor requests in Client Logs
- C. Clicking on the Health Monitor in Templates -> Profiles -> Health Monitors to open the Health Monitor diagnostics screen
- D. Health Monitor in the Pool -> Server Analytics screen

Answer: D

Question: 47

A Service Engine on which the Virtual Service is placed is experiencing a high level of memory utilization, but users of the application are not experiencing any issues.

- A. What impact, if any, will this have on the Health Score of the Virtual Service?
- B. The Virtual Service's Health Score will not be impacted.
- C. The Performance score will be reduced.
- D. The Security Penalty will be increased.
- E. The Resource Penalty will be increased.

Answer: B

Question: 48

A pool member responds to a request with an HTTP 500 error code. A different server in the pool needs to be selected to retry the request before sending the HTTP response back to the client.

- A. Which action, if any, will accomplish this goal?
- B. This option is not supported.
- C. Configure HTTP Server Reselect in the Pool configuration.
- D. Modify the health monitor to be more aggressive with the check interval.
- E. Create a VS Policy that intercepts 500 response codes and re-plays the request to a different Pool member.

Answer: E

Question: 49

What is the default Minimum Scale per Virtual Service value in Active-Active HA, if one exists?

- A. 2
- B. A default value does not exist.
- C. 1
- D. 3

Answer: A

Question: 50

In which three ways does Avi indicate impending certificate expiry? (Choose three.)

- A. Avi inserts a banner with the certificate expiration date on web pages served by a Virtual Service 30 days prior to expiration.
- B. Avi inserts a cookie with the certificate expiration date.
- C. Indicators on the certificates page will change from green to red as the expiration date gets closer.
- D. The health score is reduced as the expiration date gets closer.
- E. Emails sent to administrators via Pulse are generated at 30 days, 7 days, and 1 day prior to expiration.
- F. System events for soon-to-expire certificates are generated 30 days, 7 days, and 1 day prior to expiration.

Answer: C,E,F

Question: 51

An application owner has configured an HTTP Health Monitor for a Virtual Service with the following Client Request Header: GET /status.html HTTP/1.1
Host: www.acme.com
Connection: close

\ Which additional configuration is required for this Health Monitor to function correctly?

- A. The option "Rewrite Host Header to Server Name" must be enabled in the Pool.
- B. The option "Use Exact Request" must be enabled in the Health Monitor.
- C. The option "Is Federated" must be enabled in the Health Monitor.
- D. The option "Use HTTP/1.1" must be enabled in the Health Monitor.

Answer: B

Question: 52

Which Network Security Policy action is valid?

- A. Rate Limit
- B. Send Local Response
- C. Redirect
- D. Continue

Answer: C

Question: 53

Which component in the Avi architecture hosts Virtual Services?

- A. Controller cluster
- B. Service Engine
- C. API server
- D. Single controller node

Answer: B

Question: 54

Which WAF inspection method is the most computationally expensive?

- A. Positive Security
- B. Mode Delegation
- C. Signature
- D. Allow List

Answer: A

Question: 55

Which statement is correct when multiple DataScripts of the same event type are configured for the Virtual Service?

- A. Only the first DataScript will be executed.
- B. The first DataScript on the list will execute first.
- C. The last DataScript will be processed.
- D. The DataScript order will have no impact on the processing of the traffic.

Answer: B

Question: 56

An operator has been asked to replace current SSL/TLS certificate for VS(s). Will this operation be disruptive?

- A. No, the Virtual Services will continue without any disruption.
- B. Yes, to a degree. The Virtual Services will continue, but current connections will be disrupted.
- C. Yes, the Virtual Service will be disrupted since the Service Engine(s) need(s) to restart.
- D. Yes, for a very limited amount of time. A disruption will occur while the controller is pushing the new configuration to the Service Engine.

Answer: B

Question: 57

An operator is investigating a problem that requires checking the HTTP cookies supplied by the client. When the logs are viewed, the operator finds that the cookies are not being shown.

- A. Which configuration option should be enabled to fix this problem?
- B. Real-time metrics
- C. Log all headers
- D. Non-significant logs
- E. DataScript logs

Answer: C

Question: 58

Which setting should be configured to prevent source NAT of the client IP in the back-end connection?

- A. Connection Multiplexing in the Application Profile
- B. X-Forwarded-For HTTP Header in the HTTP Application Profile
- C. Preserve Client IP in the Application Profile
- D. Proxy Protocol in the L4 Application Profile

Answer: C

Question: 59

An operator has been asked by the security team to list all the private keys exported from the Avi GUI for the past month. Can the operator fulfill this request?

- A. No, Avi does not record key exports.
- B. Yes, Avi records such events if an account exporting the key is different than the account used to import/create the key.
- C. Yes, Avi records such events if the Sensitive option has been enabled when importing/creating the key.
- D. Yes, Avi records key export events by default.

Answer: A

Question: 60

An operator created a Virtual Service and wants to enable non-significant logs for only that specific Virtual Service. Which action, if any, will meet this goal?

- A. The CLI must be used to create a Virtual Service with non-significant logs enabled.
- B. Enable non-significant logs in the Analytics tab of the Virtual Service.
- C. This goal cannot be met because non-significant logs are defined globally.
- D. Create a dedicated Application Profile, and assign it to the Virtual Service.

Answer: B

Question: 61

All Pool resources are "Down" and not available, but the Virtual Service port is still responding. The operator would like the VS port to not respond when there are no Pool resources available.

- A. Which configuration will cause this response?
- B. Pool -> Advanced -> "Remove listening port when VS is down"
- C. Virtual Service -> Advanced -> "Remove listening port when VS is down"
- D. ? Pool -> Settings -> "Ignore reachability constraints for server pool"
- E. Virtual Service -> Settings -> "Ignore reachability constraints for server pool"

Answer: C

Question: 62

Which three properties are configurable for a Service Engine Group? (Choose three.)

- A. Load balancing algorithm
- B. Service Engine CPU and memory
- C. SSL profile
- D. Auto rebalance policy
- E. Analytics profile
- F. Real time metrics

Answer: A,D,E

Question: 63

An HTTPS Virtual Service is reachable but displays an untrusted certificate error. What would NOT cause this issue?

- A. The certificate is an EC certificate instead of an RSA certificate.
- B. The certificate has expired.
- C. The system default self-signed certificate was used.
- D. The certificate is signed by a valid internal CA, but it is not trusted by the client.

Answer: A

Question: 64

An operator has been asked to provide a list of SSL/TLS ciphers used for the last 100 requests of a Virtual Service. The operator can't find this information in the GUI.

- A. Which action, if any, retrieves this information?
- B. The operator will need to use the API since this list can only be retrieved through API.
- C. The operator can't retrieve this through the GUI since Avi does not record the ciphers for compliance reasons.
- D. The operator will need to export the logs in a CSV file to retrieve the list of ciphers.
- E. The operator will need to enable Log all Headers in the VS configuration.

Answer: B

Question: 65

Which statement is true in relation to native scale out?

- A. Scaling out has no impact on SSL/TLS processing capacity because SSL processing is handled only by the primary SE.
- B. A large volume of client uploads is not a good use case for Scale Out because of packet-per-second limitations of the primary SE.
- C. The scaling out process is disruptive to existing connections because existing flows are redistributed across Service Engines.

D. Load will be evenly balanced across all Service Engines because traffic is balanced on a per-packet basis.

Answer: C

Question: 66

An operator has created a Virtual Service with pass-through SSL using the System-L4-Application profile to load balance a secure HTTP application. The web servers only accept connections via TLS on port 443. The operator configures the Pool with default port 443 and an HTTP Health Monitor.

A. With this configuration, all pool members are marked as down. However, the application owner has confirmed that the web servers are operational.

B. Which configuration change should the operator make to correct this error?

C. Configure "Enable SSL" in the Pool configuration.

D. Configure "Enable SSL" in the HTTP Health Monitor.

E. Change the Application Profile in the Virtual Service to System-Secure-HTTP.

F. Configure a Health Monitor of Type: HTTPS instead of Type: HTTP.

Answer: F

Question: 67

An administrator needs to determine the rate of 5xx errors being returned by the Pool servers. Which metrics graph in the Virtual Service Analytics tab can be used to complete this task?

A. Client Insights

B. End to End Timing

C. Conns

D. Requests

Answer: A

Question: 68

An operator is configuring a TCP/UDP Profile of type "TCP Proxy" for an application.

A. What are two valid reasons to configure the Custom mode for the TCP Proxy Settings? (Choose two.)

B. Expose client destination TCP port to the application

C. Statically configure the Receive Window

D. Disable Source Network Address Translation (SNAT)

E. Change the Idle Duration timeout

F. Enable Port Address Translation (PAT)

Answer: B,E

Question: 69

An administrator wants to configure HTTP to HTTPS redirect policies but the HTTP policies tab is not displayed. Why did this occur?

A. The TCP 80 and TCP 443 needs to be configured in the Service Port list.

- B. The Application Profile is configured as System-L4-Application.
- C. A WAF policy needs to be configured.
- D. The SSL checkbox needs to be ticked in the Service Port list.

Answer: B

Question: 70

An operator has been asked to troubleshoot a highly busy VS in collaboration with the application team. Which mechanism can be leveraged to avoid a performance issue on the Avi Controller during this process?

- A. Modifying the Apdex Criteria in the analytics profile of this VS
- B. Enabling a Client Log Filter to log only the IP(s) of the application team
- C. Adding a performance boost in the analytics profile of this VS
- D. Selecting Client Insights and setting to Passive

Answer: D

Question: 71

Which two statements are true for Connection Multiplexing? (Choose two.)

- A. It causes unbalanced distribution of HTTP requests across servers.
- B. It results in a higher number of server-side connections.
- C. It does not support UDP.
- D. It requires traffic be SNATed.
- E. It is incompatible with server persistence.

Answer: B,C

Question: 72

Which situation would require using the Advanced Setup mode of the "Create Virtual Service" wizard?

- A. When a custom Analytics Profile must be applied during the VS creation
- B. When servers must be added during the VS creation
- C. When the HTTPS Application type must be defined during the VS creation
- D. When VIP needs to be specified during the VS creation

Answer: A

Question: 73

An operator is troubleshooting reported performance problems for an HTTP Virtual Service and notices that the Server RTT in the End-to-End timing graph has recently increased significantly while Client RTT and App Response times have remained unchanged.

- A. What can the operator deduce is the most likely explanation for the reported performance problems?
- B. A database server used by the application is experiencing a performance issue.
- C. The Service Engine where the Virtual Service is placed has become overloaded.
- D. One or more pool servers are experiencing very high CPU utilization.
- E. A networking issue has developed between the Service Engine and one or more pool servers.

Answer: C

Question: 74

An operator was asked to enable real-time metrics for a Virtual Service. Which action can be taken to enable these metrics?

- A. Create a new Analytics Profile with real-time metrics enabled
- B. Create a DataScript
- C. Enable real-time metrics on the Pool and Virtual Service
- D. Enable real-time metrics in the Service Engine Group **Answer: A**

Question: 75

An administrator has defined these three SE Groups based on capacity: Small-Group, Medium-Group, and Large-Group. The operator is configuring a Virtual Service that needs to be placed on SE's in the Large-Group. How should this goal be accomplished?

- A. Create the VS in Basic Setup mode, and override the default SE Group.
- B. Create the VS in Advanced Setup mode, and override the default SE Group in the Policy section.
- C. Create the VS in Advanced Setup mode, and override the default SE Group in the Advanced section.
- D. Create the VS in Basic Setup mode, and override the default SE Group in the Policy section.

Answer: C

Question: 76

Which statement is correct regarding HTTP Policies?

- A. They can rewrite server response payload.
- B. They can send a Local Response.
- C. A VS may only contain one Request or Response Policy at a time.
- D. They are incompatible with SSL.

Answer: B

Question: 77

The application team has requested that traffic destined for /downloads be sent to a different set of back-end servers than the rest of the traffic. Which feature should be used to accomplish this goal?

- A. Redirect action in an HTTP Request policy
- B. Pool Group priority
- C. Redirect to HTTPS action in an HTTP Security policy
- D. Content switch action in an HTTP Request policy **Answer: D**

Question: 78

The engineering team has created a new Virtual Service for the latest application in Amazon Web Services. The help desk has reported that clients are unable to access this web application and have discovered that the DNS name is resolving to a private address that is not accessible over the internet.

Avi is used for DNS resolution of the cloud services.

- A. What is the most likely cause of this issue?
- B. The engineer incorrectly entered the IP address in the DNS entry.
- C. "Assign Elastic IP for External Client Access" was not checked.
- D. The AWS Security Groups are not configured correctly.
- E. A Network Security Policy is assigned to the Virtual Service.

Answer: C

Question: 79

Which property defined in the Service Engine group affects the minimum required disk size?

- A. Amount of memory assigned to the Service Engine
- B. Number of vCPUs assigned to the Service Engine
- C. Number of Network adapters assigned to the Service Engine
- D. Number of Service Engines defined in the Service Engine Group **Answer: A**

Question: 80

An administrator wants to increase the number of active Service Engines utilized by a Virtual Service for more performance. Which action, if any, should be taken to meet this goal?

- A. No action is necessary since the data plane is scaled automatically.
- B. Use the Scale Out button in the Service Engine Group configuration.
- C. Use the Scale Out button in the Virtual Service popup.
- D. Use the Migrate button in the Virtual Service popup.

Answer: C

Question: 81

The network operations team has found that the CPU utilization of their Service Engines has increased greatly since enabling Web Application Firewall (WAF), and this has been causing increased application latency.

- A. Which two WAF features should be used to improve WAF performance for this application? (Choose two.)
- B. Change the WAF policy to detection mode
- C. Write Positive Security Model rules
- D. Increase the memory of the Service Engines
- E. Create allow list bypass rules
- F. Use a different Core Rule Set

Answer: B,F

Question: 82

Which task is performed by the Controller?

- A. Renewing SSL/TLS Certificates
- B. Resolving client DNS queries for GSLB
- C. Removing HTTP Headers from the data stream
- D. Terminating SSL/TLS

Answer: B

Question: 83

An administrator is tasked to enable a WAF Policy that was created by a fellow administrator in NSX Advanced Load Balancer. How should this task be completed?

- A. Enable the policy by associating it with a Virtual Service
- B. Attach the policy to the Service Engine
- C. Associate the policy to the Pool
- D. Configure the policy in the Application Profile

Answer: A

Question: 84

Which condition is not supported with an Elastic Scale High Availability mode?

- A. Buffer Service Engines for high availability
- B. Auto Scaling of Virtual Services
- C. Maintaining original client source IP to the back-end server pool
- D. Layer 3 / ECMP scale out

Answer: D

Question: 85

A single Virtual Service is configured to listen on multiple TCP service ports with a single server pool. The administrator would like to use the simplest configuration to keep the VS port and pool server port the same.

- A. Which strategy should be used to meet this goal?
- B. Build a Policy to map VS port to pool server port
- C. Disable Port Translation in the VS configuration
- D. Build a Data Script to map VS port to pool server port
- E. Disable Port Translation in the Pool configuration

Answer: C

Question: 86

Which configuration option requires enabling Switch to Advanced in the Service Port section of the Virtual Service Advanced Setup wizard?

- A. Enable SSL termination
- B. Disable port translation
- C. Enable service port ranges
- D. Enable multiple service ports

Answer: C

Question: 87

In Avi, what is the performance difference between RSA and EC certificates?

- A. EC provides less performance than RSA.
- B. Avi does not support EC certificates.
- C. EC provides equivalent performance to RSA.
- D. EC provides greater performance than RSA.

Answer: D