[Sep-2024 Check your preparation for F5 201 On-Demand Exam [Q55-Q78

[Sep-2024 Check your preparation for F5 201 On-Demand Exam Practice Exam 201 Realistic Dumps Verified Questions

NO.55 The 8IG-IP Administrator generates a qkview using “qkview -SO” and needs to transfer the output file via SCP.

Which directory contains the output file?
* /var/log
* /var/tmp
* /var/local
* /var/config

NO.56 Which two can be a part of a virtual server’s definition? (Choose two.)
* rule(s)
* pool(s)
* monitor(s)
* node address(es)
* loadbalancing method(s)

NO.57 A site is load balancing to a pool of web servers. Which

statement

is true concerning BIGElIP’s ability to verify whether the web servers are functioning properly or not.
* Web server monitors can test the content of any page on the server.
* Web server monitors always verify the contents of the index.html page.
* Web server monitors can test whether the server’s address is reachable, but cannot test a page’s content.
* Web server monitors can test the content of static web pages, but cannot test pages that would require the web server to dynamically build content.

NO.58 Refer to the exhibit.
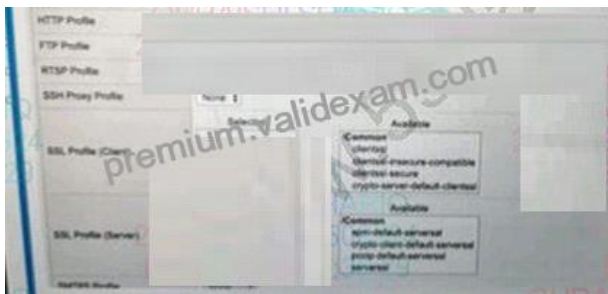
A BIG-IP Administrator configures a Virtual Server to handle HTTPS traffic. Users report that the application is NOT working.

Which actional configuration is regard to resolve this issue?
* Configure SSL Profile (Client)
* Configure Protocol Profile (Server)
* Configure Service Profile HTTP
* Configure SSL Profile (Server)

NO.59 The BIG-IP Administrator needs to ensure the correct health monitor is being used lor a new HTTP pool named P_example.

Where should the BIG-IP Administrator validate these settings in the Configuration Utility?
* Local Traffic > Nodes > Default Monitor
* Local Traffic > Profiles > Services > HTTP > http
* Local Traffic > Monitors > http
* Local Traffic > Pools > P_ example

NO.60 Which three methods can be used for initial access to a BIGElIP system. (Choose three.)
* CLI access to the serial console port
* SSH access to the management port
* SSH access to any of the switch ports
* HTTP access to the management port
* HTTP access to any of the switch ports
* HTTPS access to the management port
* HTTPS access to any of the switch ports

NO.61 A standard virtual server has been associated with a pool with multiple members.

Assuming all other settings are left at their defaults, which statement is always true

concerning traffic processed by the virtual server.
* The client IP address is unchanged between the cEl ls iedne t connection and the serverElside connection.
* The server IP address is unchanged between the cEl lis end te connection and the serverElside connection.
* The TCP ports used in the clienEl tside connection are the same as the TCP ports serverElside connection.
* The IP addresses used in the clientElside connection are the same as the IP addresses used in the serverElside connection.

NO.62 Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the pool members?
* No SSL certificates are required on the pool members.
* The pool members.SSL certificates must only exist.
* The pool members.SSL certificates must be issued from a certificate authority.
* The pool members.SSL certificates must be created within the company hosting the BIGIPs.

NO.63 A virtual server is defined per the charts. The last five client connections were to members C, D, A, B, B. Given the conditions shown in the above graphic, if a client with IP address 205.12.45.52 opens a connection to the virtual server, which member will be used for the connection.

VS_Web_Pool Settings		Web_Pool Parametrs	
Destination:	10.10.20.100:80	Load Balancing:	Least Connections
Profiles:	TCP, HTTP	Priority Group Activation:	Less Than 2
iRules:	None	Monitor:	Custom HTT
Default Pool:	Web_Pool		
Persistence:	None		

Web_Pool Member Statistic and Settings					
Member	Member Ratio	Member Priority	Outstanding Requests	Current Connections	Status
A: 172.16.20.1:80	3	5	4	56	Unavailable
B: 172.16.20.2:80	3	4	4	42	Available
C: 172.16.20.3:80	3	5	4	54	Unavailable
D: 172.16.20.4:80	1	3	1	22	Available
E: 172.16.20.5:80	1	1	1	18	Available

* 172.16.20.1:80
* 172.16.20.2:80
* 172.16.20.3:80
* 172.16.20.4:80
* 172.16.20.5:80

NO.64 Assuming there are open connections through an active system’s NAT and a fail over occurs, by default, what happens to those connections?

VS_Web_Pool Settings		Web_Pool Parameters	
Destination:	10.10.20.100:80	Load Balancing:	Least Connections
Profiles:	TCP, HTTP	Priority Group Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
Persistence:	None		

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Member	Member Ratio	Member Priority	Outstanding Requests	Current Connections	Status
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B: 172.16.20.2:80	3	4	4	42	Available
C: 172.16.20.3:80	3	5	4	54	Unavailable
D: 172.16.20.4:80	1	3	1	22	Available
E: 172.16.20.5:80	1	1	1	18	Available

* All open connections will be lost.
* All open connections will be maintained.
* The “Mirror” option must be chosen on the NAT and the setting synchronized prior to the connection establishment.
* Longlived connections such as Telnet and FTP will be maintained while shortlived connections such as HTTP will be lost.
* All open connections are lost, but new connections are initiated by the newly active BIG IP, resulting in minimal client downtime.

NO.65 Refer to the exhibit.

A BIG-IP Administrator configures a Virtual Server to handle HTTPS traffic. Users report that the application is NOT working.

Which actional configuration is regard to resolve this issue?
* Configure SSL Profile (Client)
* Configure Protocol Profile (Server)
* Configure Service Profile HTTP
* Configure SSL Profile (Server)

NO.66 How is persistence configured.

* Persistence is an option within each pool’s definition.

* Persistence is a profile type; an appropriate profile is created and associated with virtual server.

* Persistence is a global setting; once enabled, loElb adlancing choices are superceded by the persistence method that is specified.

* Persistence is an option for each pool member. When a pool is defined, each member’s definition includes the option for persistence.

NO.67 A pool of four servers has been partially upgraded for two new servers with more memory and CPU capacity.

The BIG-IP Administrator must change the load balance method to consider more connections for the two new servers. Which load balancing method considers pool member CPU and memory load?

* Round Robin

* Dynamic Ratio

* Ratio

* Least Connection

NO.68 A BIG-IP Administrator is informed that traffic on Interface 1.1 is expected to increase over the maximum bandwidth capacity on the link. There is a single VLAN on the Interface. What should the 8IG-IP Administrator do to increase the total available bandwidth?

* Assign two Interfaces to the VLAN

* Set the media speed of Interface 1.1 manually

* Create a trunk object with two Interfaces

* Increase the MTU on the VLAN using Interface 1.1

NO.69 You have created a custom profile named TEST2. The parent profile of TEST2 is named TEST1. If additional changes are made to TEST1, what is the effect on TEST2?

* All changes to TEST1 are propagated to TEST2.

* Some of the changes to TEST1 may propagate to TEST2.

* Changes to TEST1 cannot affect TEST2 once TEST2 is saved.

* When TEST1 is changed, the administrator is prompted and can choose whether to propagate changes to TEST2.

NO.70 Users are unable to reach an application. The BIG-IP Administrator checks the Configuration Utility and observes that the Virtual Server has a red diamond in front of the status. What is causing this issue?

* All pool members are down.

* The Virtual Server is receiving HTTPS traffic over HTTP virtual.

* The Virtual Server is disabled.

* All pool members have been disabled.

NO.71 A BIG-IP Administrator contacts F5 Support, which identifies a suspected hardware failure. Which information should the BIG-IP Administrator provide to F5 Support?

* Qkview, EUD output

* Qkview, UCS archive, core files

* Qkview, part numbers for failed components

* Qkview, packet capture, UCS archive

NO.72 Where is the loadbalancing mode specified?

* within the pool definition

* within the node definition

* within the virtual server definition

* within the pool member definition

NO.73 Generally speaking, should the monitor templates be used as production monitors or should they be customized prior to use.
* Most templates, such as http and tcp, are as effective as customized monitors.
* Monitor template customization is only a matter of preference, not an issue of effectiveness or performance.
* Most templates, such as https, should have the receive rule customized to make the monitor more robust.
* While some templates, such as ftp, must be customized, those that can be used without modification are not improved by specific changes.

NO.74 Users report that traffic is negatively affected every time a BIG-IP device fails over. The traffic becomes stabilized after a few minutes.

What should the BIG-IP Administrator do to reduce the impact of future failovers?
* Enable Failover Multicast Configuration
* Set up Failover Method to HA Order
* Configure MAC Masquerade
* Configure a global SNAT Listener

NO.75 A BIG-IP Administrator discovers malicious brute-force attempts to access the BIG-IP device on the management interface via SSH. The BIG-IP Administrator needs to restrict SSH access to the management interface.

Where should this be accomplished?
* System > Configuration
* Network > Interfaces
* Network > Self IPs
* System > Platform

NO.76 Assume a virtual

server

has a ServerSSL

profile.

What

SSL certificates are required on the pool members.
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NO.77 Where is connection mirroring configured.
* It an option within a TCP profile.
* It is an optional feature of each pool.
* It is not configured; it is default behavior.
* It is an optional feature of each virtual server.

NO.78 Where is persistence mirroring configured?

* It is always enabled.
* It is part of a pool definition.
* It is part of a profile definition.
* It is part of a virtual server definition.

To prepare for the F5 201 exam, candidates should have experience in configuring, managing, and troubleshooting BIG-IP systems. They should also have a solid understanding of networking concepts, including TCP/IP, DNS, and SSL/TLS. Additionally, candidates should be familiar with basic programming concepts and have experience working with command-line interfaces. With the right preparation and experience, candidates can pass the F5 201 exam and become certified BIG-IP Administrators.

F5 201: BIG-IP Administrator exam is a certification that validates one's skills in managing and administering F5 BIG-IP application delivery networks. BIG-IP Administrator Exam certification is designed to equip individuals with the knowledge and skills necessary to configure, manage, and troubleshoot F5 BIG-IP systems.

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