EXAMTOPICS

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CERTIFICATION TEST

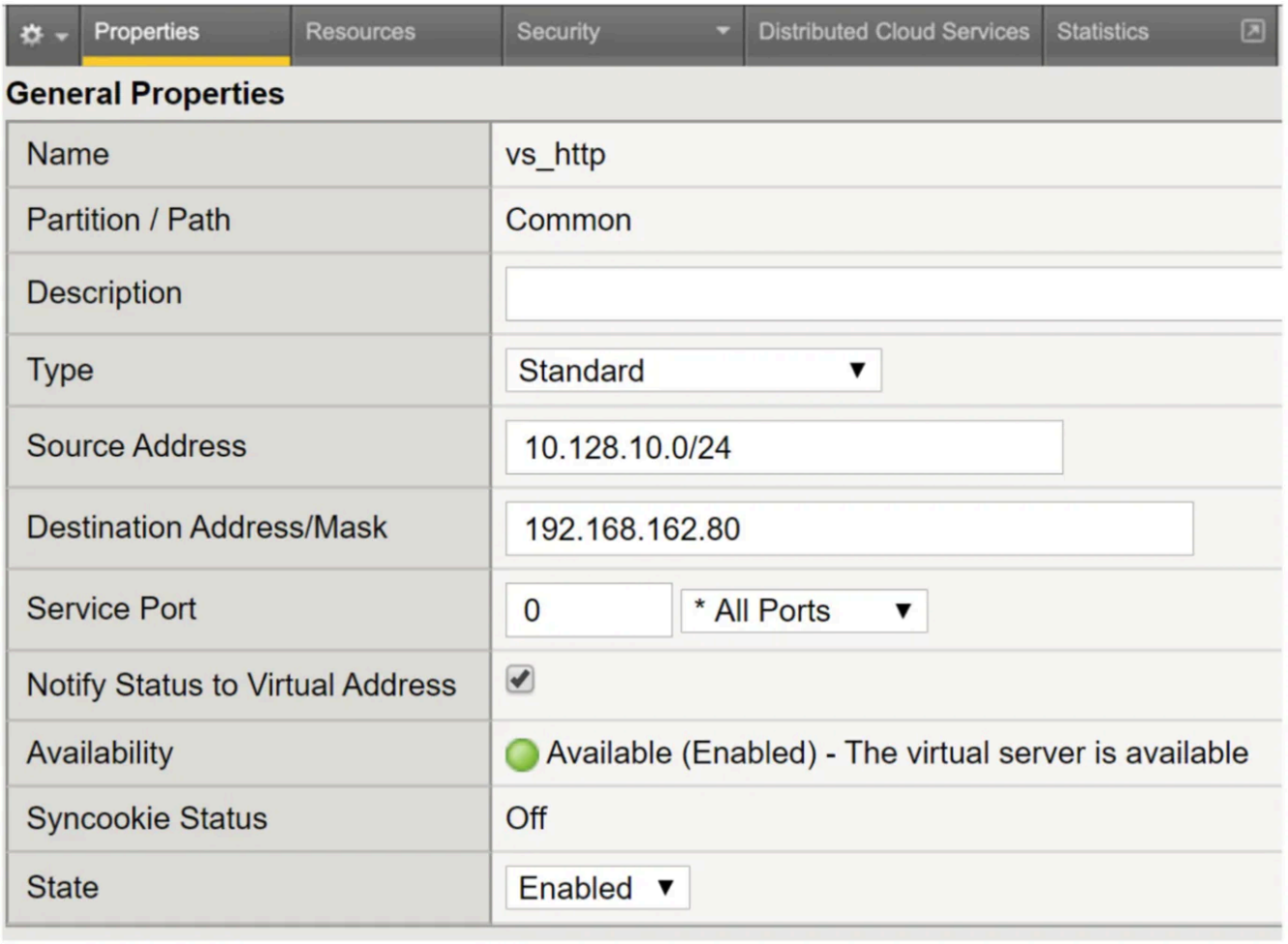
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Question #1 *Topic 1*

Refer to the exhibit.

A user with IP address 192.168.162.70 is unable to connect to an HTTP application.

What is a possible cause within the Virtual Server configuration?



A. The Source Address is configured as 10.128.10.0/24

B. The Service Port is configured as 0 *All Ports

C. The Virtual Server is configured as a Standard Type

D. The Destination Address is configured as 192.168.162.80

Suggested Answer: *A*
The source range excludes 192.168.162.70.

Currently there are no comments in this discussion, be the first to comment!

Question #2 *Topic 1*

Which log file should the BIG-IP Administrator check to determine if a specific user tried to log in to the BIG-IP Configuration Utility?

A. /var/log/pam/tallylog

B. /var/log/secure

C. /var/log/ltm

D. /var/log/httpd

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #3 *Topic 1*

A user reports that the shopping cart empties when proceeding to checkout.

What profile type should the BIG-IP Administrator configure to resolve the issue?

A. Client SSL

B. Persistence

C. HTTP

D. OneConnect

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #4 *Topic 1*

A configuration change is made on the standby member of a device group.

What is displayed as "Recommended Action" on the Device Management Overview screen?

A. Activate device with the most recent configuration

B. Force active member of device group to standby

C. Synchronize the standby member configuration to the group

D. Synchronize the active member configuration to the group

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #5 *Topic 1*

A BIG-IP Administrator is configuring an SSH Pool with five members.

Which Health Monitor should be applied to ensure that available pool members are monitored accordingly?

A. https

B. tcp

C. udp

D. http

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #6 *Topic 1*

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?

A. The Virtual Server is disabled.

B. All pool members have been disabled.

C. All pool members are down.

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

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #7 *Topic 1*

The BIG-IP Administrator needs to ensure that if a pool member is marked down by the monitor, the BIG-IP system sends existing connections to another available pool member.

Which task should the BIG-IP Administrator perform to meet this goal?

A. Set Action on Service Down setting under the pool configuration to reselect

B. Reconfigure the pool monitor to mark the member as UP

C. Set Action on Service Down setting under the Virtual Server configuration to reselect

D. Enable mirroring within the persistence profile

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #8 *Topic 1*

A BIG-IP Administrator upgrades the BIG-IP LTM to a newer software version. After the administrator reboots into the new volume, the configuration fails to load.

Why is the configuration failing to load?

A. The upgrade was performed on the standby unit.

B. Connectivity to the DNS server failed to be established.

C. The license needed to be reactivated before the upgrade.

D. A minimum of at least two reboots is required.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Question #9 *Topic 1*

A BIG-IP Administrator receives an RMA replacement for a failed F5 device. The BIG-IP Administrator tries to restore a UCS taken from the previous device, but the restore fails.

The following error appears in the /var/log/ltm:

mcpd[2395]: 01070608:0: License is not operational (expired or digital signature does not match contents)

What should the BIG-IP Administrator do to avoid this error?

A. Remove the license information from the UCS archive

B. Use the appropriate tmsh command with the no-license option

C. Revoke the license prior to restoring

D. Reactivate the license on the new device using the manual activation method

Suggested Answer: *B*

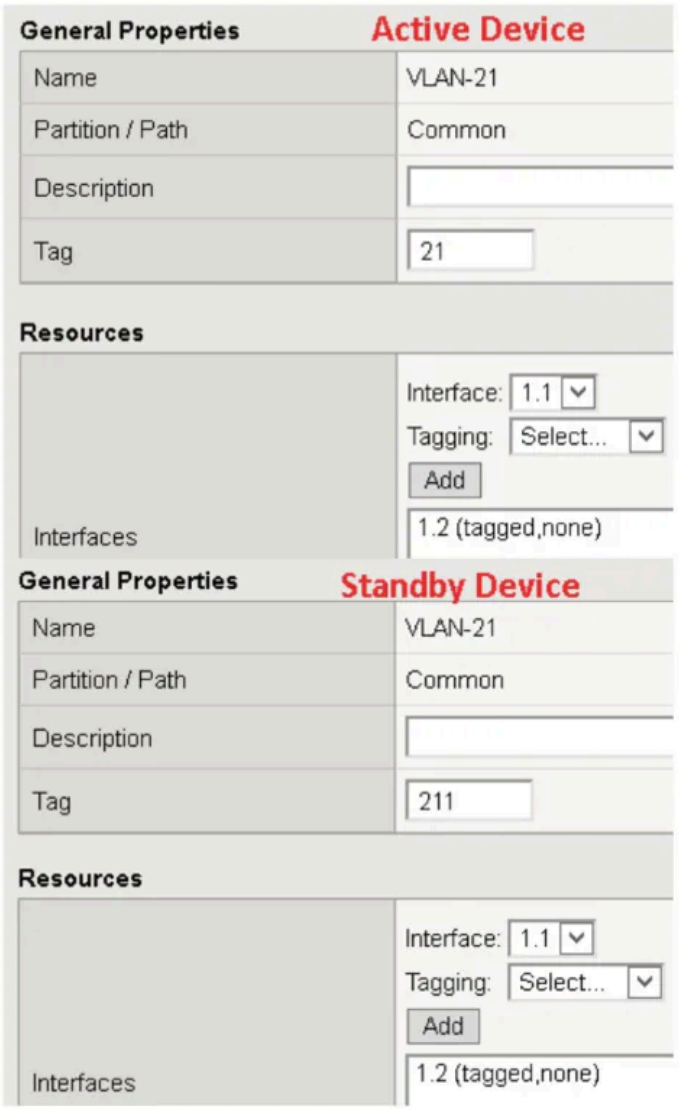
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Question #10 *Topic 1*

Refer to the exhibit above.

During a planned upgrade to a BIG-IP HA pair running Active/Standby, an outage to application traffic is reported shortly after the Active unit is forced to Standby. Reverting the failover resolves the outage.

What should the BIG-IP Administrator modify to avoid an outage during the next failover event?



A. The Tag value on the Active device

B. The Tag value on the Standby device

C. The Interface on the Active device to 1.1

D. The Interface on the Standby device to 1.1

Suggested Answer: *B*
The standby VLAN tag must match the active device's tag for failover.

Currently there are no comments in this discussion, be the first to comment!

Question #11 *Topic 1*

Refer to the exhibit above.

The BIG-IP Administrator runs the command shown and observes a device trust issue between BIG-IP devices in a device group. The issue prevents config sync on device bigip3.local.

What is preventing the config sync?

```
show cm device

-------------------------------------------------------------
CentMgmt::Device: bigip1.local
-------------------------------------------------------------
Hostname                            bigip1.local
Mgmt IP                             10.155.22.26
Alternate Mgmt IP                   None
Configsync IP                       10.32.200.83
Mirroring IP                        10.32.200.83
Mirroring Secondary IP              ::
Failover Multicast IP               ::
Failover Unicast IP(s)              management-ip, 10.32.200.83
Device HA State                     standby
Device HA Load Capacity             0
Device Current Load Factor          0
Device Next Active Load Factor      1
Time Delta to Local Device (sec)    -

-------------------------------------------------------------
CentMgmt::Device: bigip2.local
-------------------------------------------------------------
Hostname                            bigip2.local
Mgmt IP                             10.155.22.27
Alternate Mgmt IP                   None
Configsync IP                       10.32.200.84
Mirroring IP                        10.32.200.84
Mirroring Secondary IP              ::
Failover Multicast IP               ::
Failover Unicast IP(s)              management-ip, 10.32.200.84
Device HA State                     active
Device HA Load Capacity             0
Device Current Load Factor          1
Device Next Active Load Factor      0
Time Delta to Local Device (sec)    0
```

A. Time Delta to local system is 12

B. Both devices are standby

C. Next Active Load factor is 0 on bigip1.local

D. Next Active Load factor is 1 on bigip1.local

Suggested Answer: *D*
The active device's next active load factor is 0, not 1.

Currently there are no comments in this discussion, be the first to comment!

Question #12 *Topic 1*

In the BIG-IP Configuration Utility, a user requests a single screen view to determine the status of all Virtual Servers and associated pool members, as well as any iRules in use.

Where should the BIG-IP Administrator instruct the user to find this view?

A. Local Traffic > Network Map

B. Local Traffic > Monitors

C. Local Traffic > Virtual Servers

D. Statistics

Suggested Answer: *A*

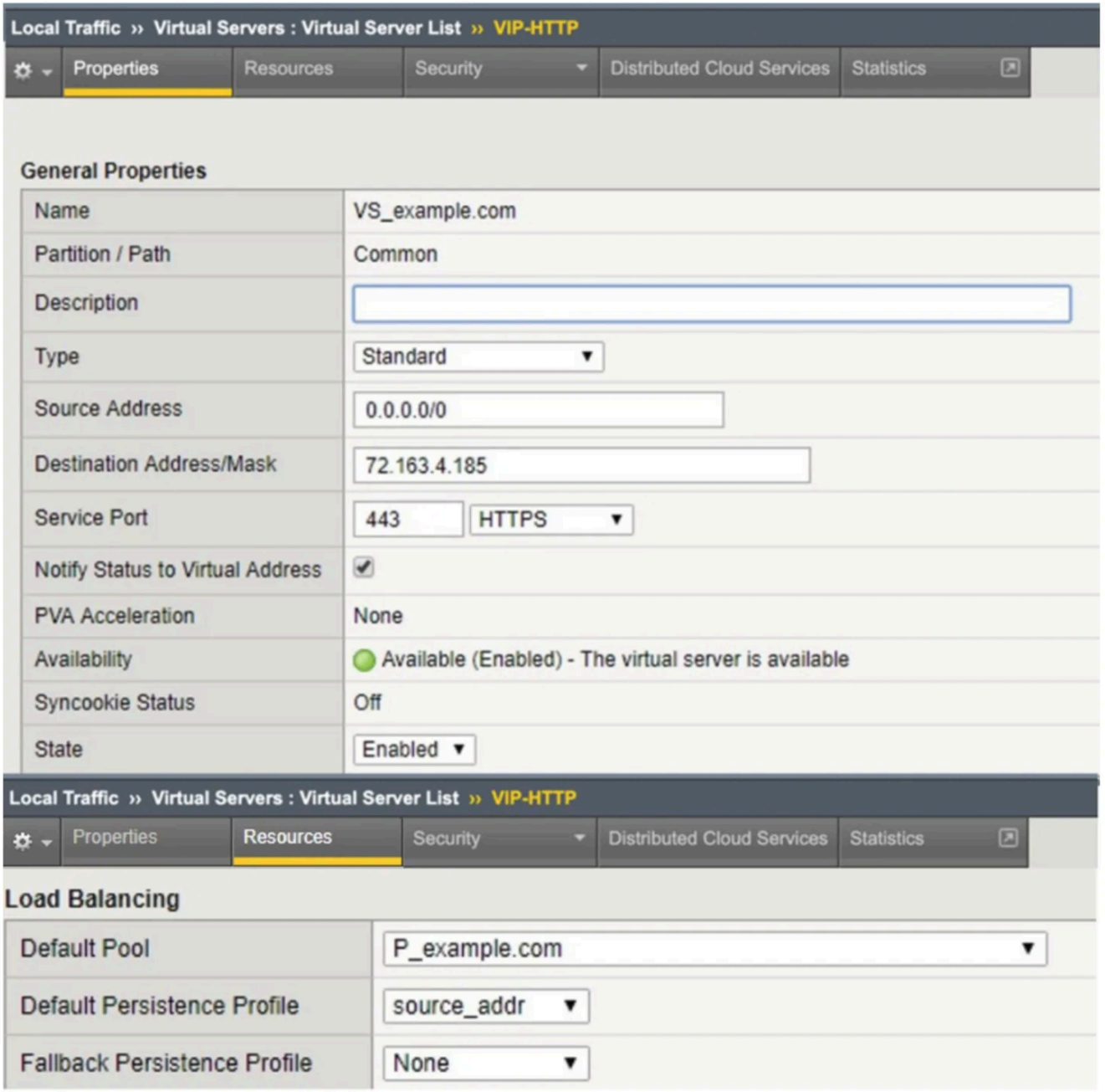
Currently there are no comments in this discussion, be the first to comment!

Question #13 *Topic 1*

Refer to the exhibit above.

An organization is reporting slow performance accessing their Intranet website, hosted in a public cloud. All employees use a single Proxy Server with the public IP of 104.219.110.168 to connect to the Internet.

What should the BIG-IP Administrator of the Intranet website do to fix this issue?



A. Change Default Persistence Profile to cookie

B. Change Load Balancing Method to Least Connection

C. Change Fallback Persistence Profile to source_addr

D. Change Source Address to 104.219.110.168/32

Suggested Answer: *A*
Cookie persistence distinguishes users sharing the proxy's source IP.

Currently there are no comments in this discussion, be the first to comment!

Question #14 *Topic 1*

A BIG-IP Administrator assigns the default http health monitor to a pool that has three members listening on port 80. When the administrator connects to each pool member the CURL utility, two of the members respond with a status of 404 Not Found while the third responds with 200 OK.

What will the pool show for member availability?

A. Two members offline and one member online

B. All members online

C. Two members online and one member offline

D. All members offline

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #15 *Topic 1*

For a given Virtual Server, the BIG-IP must perform SSL Offload and negotiate secure communication over TLSv1.2 only.

What should the BIG-IP Administrator do to meet this requirement?

A. Configure a custom SSL Profile (Server) with a custom TLSv1.2 cipher string

B. Configure a custom SSL Profile (Client) with a custom TLSv1.2 cipher string

C. Configure a custom SSL Profile (Server) and select no TLSv1 in the options list

D. Configure a custom SSL Profile (Client) and select no TLSv1 in the options list

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Question #16 *Topic 1*

What information is required for a BIG-IP Administrator to open an F5 Support ticket?

A. Serial number of the device, qkview, problem description, contact info

B. Serial number of the device, problem description, contact info

C. Serial number of the device, ucs file, license file, log files

D. Serial number of the device, qkview, packet capture files, license file, ucs

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

Question #17 *Topic 1*

A node is a member of various pools and hosts different web applications. If a web application is unavailable, the BIG-IP appliance needs to mark the pool member down for that application pool.

What should a BIG-IP Administrator deploy at the pool level to accomplish this?

A. A combination of ICMP + TCP monitor

B. A TCP monitor with a custom interval/timeout

C. An HTTP monitor with custom send/receive strings

D. A UDP monitor with a custom interval/timeout

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #18 *Topic 1*

A BIG-IP Administrator needs to find which modules have been licensed for use on the BIG-IP system.

In which section of the Configuration Utility can the BIG-IP Administrator find this information?

A. System > Services

B. System > Support

C. System > Resource Provisioning

D. System > Platform

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Question #19 *Topic 1*

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?

A. Network > Interfaces

B. System > Configuration

C. System > Platform

D. Network > Self IPs

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!