301A^Q&As

BIG-IP LTM Specialist: Architect, Set up, Deploy

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QUESTION 1

A VCMP guest has the following characteristics:

1.

 Resources allocated for CPU memory, network interfaces, and disk space

2.

 Virtual disk created

3.

 The guest is NOT running

The guest is NOT running in which state is the VCMP guest

A. Offline

B. Deployed

C. Provisioned

D. Configured

Correct Answer: C

QUESTION 2

An LTM Specialist must reconfigure a BIG-IP LTM system that load balances traffic to web application

servers. The application developer inform the LTM Specialist that TLS must be used to communicate with

the application servers.

Which additional profile is required as part of virtual server configuration?

A. SPDV profile

B. Server SSL

C. Client SSL

D. Rewrite profile

Correct Answer: B

QUESTION 3

An TLM Specialist needs to configure a virtual server to terminate SSL connection on the LTM device.

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Cryptographic information must be re-authorized for SSL sessions that remain open for longer than 30 seconds.

Which settings should the LTM Specialist configure in the client SSL profile?

A. set the Handshake Timeout to 30 seconds

B. enable Require Peer SN1 Support

C. set the Renegotiate Period to 30 seconds

D. set the Renegotiate Max Record Delay to 30

Correct Answer: C

QUESTION 4

Refer to the exhibit.

An LTM Specialist has multiple SNAT and virtual server objects configured as in the bigip.conf shown. The LTM Specialist tests a connection from a client with. IP 172.163.31.11 to 192.168.0.100:80. Which two objects will show an increase in Local Traffic statistics connections?

A. VS_AandSNAT_B

B. VS_BandSNAT_B

C. VS_ B and SNAT A

D. VS_A and SNAT A

Correct Answer: A

QUESTION 5

in which Application Visibility and Reporting (AYR) profile must the SMTP profile be defined to configure notifications via email?

A. App analytics profile

B. virtual server profile

C. custom analytics profile

D. default analytics profile

Correct Answer: C

QUESTION 6

An LTM Specialist configures a new virtual server with a single pool member. The LTM Specialist has NOT

defined a health monitor for the pool, pool member or node.

What is the status of the virtual server?

A. Available (Enabled)

B. Offline (Disabled)

C. Unavailable (Enabled)

D. Unknown (Enabled)

Correct Answer: D

QUESTION 7

Refer to the exhibit.

An LTM Specialist configures the two syslog destination Syslog destination #1 can receive messages but

the syslog destination #2 can NOT receive messages.

Which command sill correct the issue?

A. {/Common)(tmos) # modify /syssyslog remote-servers modify (syslog_dest2 {local-ip

B. {/Common)(tmos) # modify Ays syslog remote servers modify {syslog_dest2 {local- ip 10.208.102 254)}

C. {/Common) (tmos) # modify /sys syslog remote-servers modify {syslog_dest2 {host 10 208.102.254 }}

D. {Common(tmos) # modify/syslog remote-servers modify {syslog_dest2 {lost.10.10.10.28 }}

Correct Answer: A

QUESTION 8

An LTM device needs to be configured a virtual server. The application requires SSL encryption from the client to the server and an X-Forwarded-For added by the LTM device. Which virtual server type should the LTM Specialist use?

A. Forwarding (IP)

B. Performance (HTTP)

C. Standard

D. Stateless

E. Performance

Correct Answer: C

QUESTION 9

To improve application security, an LTM Specialist must configure a BIG application access. The BIG IP system to authenticate the client certificate before permitting application access. The BIG-IP system must also support the ability to red to redirect users to a certificate enrolment system without generating a browser error. Within the Client SSL profile, which value should the LTM Specialist select for the Client Certificate option?

A. Require

B. Request

C. Demand

D. ignore

Correct Answer: A

QUESTION 10

A new web application is being deployed Mutual SSL authentication must be used to authenticate clients. Which of the following two tasks must be completed to meet the requirements? (Choose two)

A. configure the server SSL profile with "Client Certificate" Set to require

B. configure the client SSL profile with "Client Certificate" set to require

C. instruct the desktop team to update the web browser to the most recent release

D. generate a CSR to register a certificate with the CA

E. configure the client SSL profile with the Trusted .Certificate Authorities

Correct Answer: BE

QUESTION 11

A Client makes the request displayed below to the application server. Which virtual server type should an LTM Specialist use to load balance based on the URL? .

A. Forwarding (Layer 2)

B. Stateless

C. Standard

D. Performance (Layer 4)

Correct Answer: C

QUESTION 12

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Two LTM devices must be manually configured to restrict in the same Device Group. What is the correct order of steps to meet this requirement?

A. Configure VLAN, Configure-Sync IP, Configure Failover type, Establish Device Trust, Sync Device Trust, Create type, Establish Device Sync Device Trust, Create Device Group.

B. Configure VLAN, Configure Self-IPs, Configure Config-Sync IP. Configure Failover type, Establish Device Trust, Sync Device Trust, Create Device Group.

C. Configure Self-IPs, Configure VLAN, Configure Config-Sync IP. Configure Failover type, Establish Device Trust, Sync Device Trust, Create Device Group

D. Configure VLAN, Configure Config-Sync IP. Configure Self-IPs. Configure Failover type. Establish Device Trust, Create Device Group

Correct Answer: B

QUESTION 13

Refer to the Exhibit.
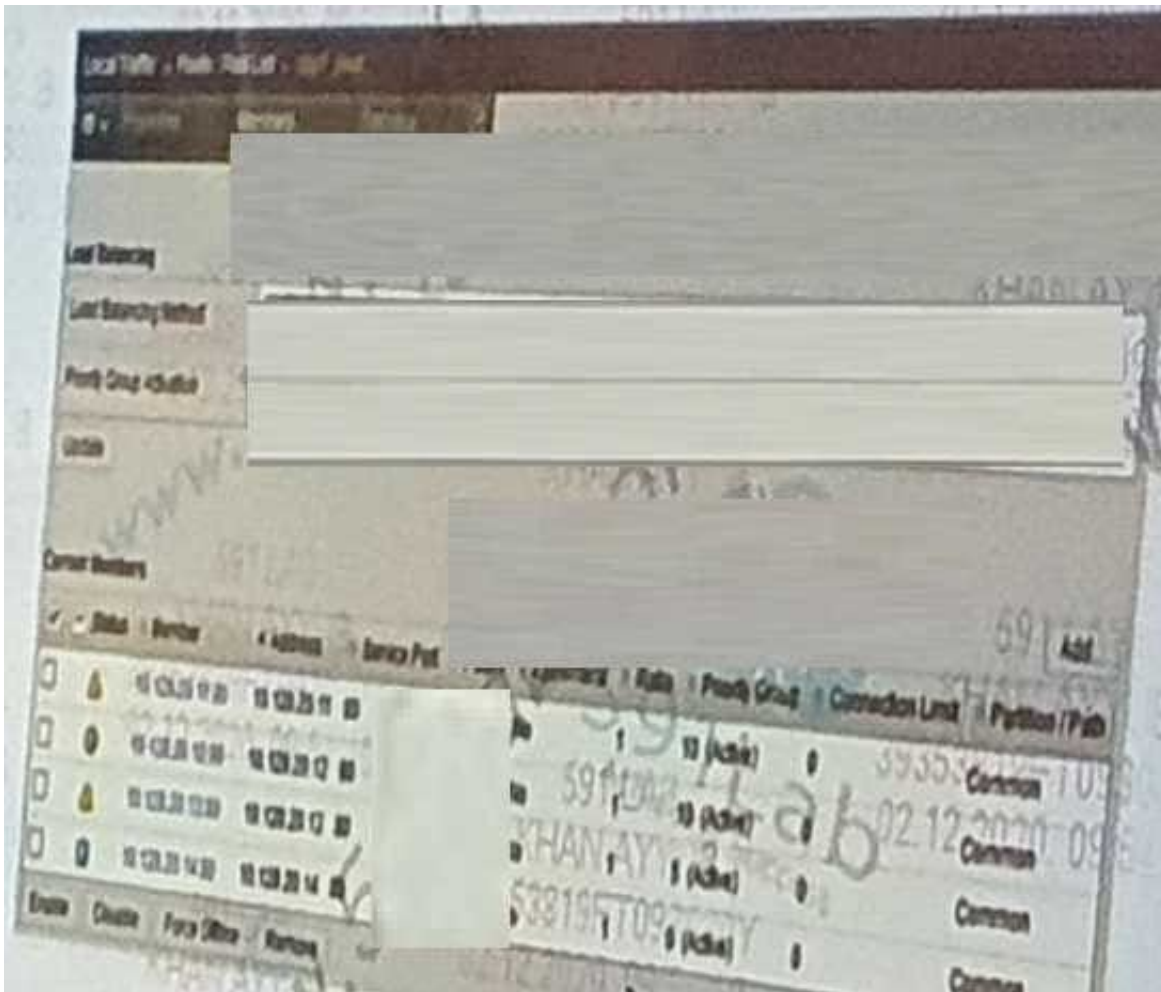
An LTM Specialist notices that two members in a pool are overloaded. To relive the existing members a

fourth member (10.128.20.14) is brought up.

How many member will receive and process new connections?

A. 4

B. 3

C. 2

D. 1

Correct Answer: C

QUESTION 14

A web developer needs a virtual server configured for an application.

The application details are as follows:

Application is accessed on port 443.

The application traffic is encrypted by the server.

HTTP is not being used. No data manipulation is necessary.

Throughput is critical.

NO connections are terminated on the LTM.

Which configuration provides the best performance?

A.

```
ltm virtual /Common/WebServer {
    destination /Common/10.10.10.10:443
    ip-protocol tcp
    mask 255.255.255.255
    pool /Common/Web_pool
    profiles {
    /Common/fastL4 {}
    }
    source 0.0.0.0/0
    translate-address enabled
    translate-port enabled
}
```

B.

```
ltm virtual /Common/WebServer {
    destination /Common/10.10.10.10:443
    ip-protocol tcp
    mask 255.255.255.255
    pool /Common/Web_pool
    profiles {
        /Common/WildcardCert {
            context clientside
        }
        /Common/serverssl {
            context serverside
        }
        /Common/tcp-lan-optimized {
            context serverside
        }
        /Common/tcp-wan-optimized {
            context clientside
        }
    }
    source 0.0.0.0/0
    translate-address enabled
    translate-port enabled
}
```

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C.

```
/Common/tcp-wan-optimized { }
context clientside
}
}
source 0.0.0.0/0
translate-address enabled
translate-port enabled
}
```

D.

```
ltm virtual /Common/WebServer {
destination /Common/10.10.10.10:443
ip-protocol tcp
mask 255.255.255.255
pool /Common/Web_pool
profiles {
/Common/tcp { }
}
source 0.0.0.0/0
translate-address enabled
translate-port enabled
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 15

An LTM Specialist is experiencing issues in a failover event. Certain long-lasting FTP event. Certain long-lasting FTP connections using a single node pool are forced to reconnect. The bigip.conf extract is shown:

```
virtual vs-ftp-2121 (
  snatpool ftp-2121
  pool ftp_2121
  destination 10.155.65.36:scientia-ssdb
  ip protocol tcp
  persist source_address_ftp
  vlans external enable
}

ltm persistence source-addr source_addr_ftp (
  app-service none
  map-proxies enabled
  mask none
  mirror disabled
  timeout 180
}
```

What does the LTM Specialist need to change in the configuration to avoid this issue?

A. snatpool

B. persistence mirroring

C. connection mirroring

D. ftp profile

Correct Answer: C

The stem mentions that it is a single server node, so there is no need to consider the factors of session maintenance. The actual requirement is to maintain the original connection status during failover. You need to configure connection mirroring to synchronize the connection status between the devices in the cluster in real time.

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