301B^{Q&As}

BIG-IP Local Traffic Manager (LTM) Specialist: Maintain & Troubleshoot

Pass F5 301B Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/301b.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by F5 Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

An LTM Specialist is troubleshooting an issue where one LTM device in a three LTM device group is failing to synchronize after a synchronize to group command is issued. The LTM Specialist verifies there are no packet filters, port lock down, or network issues preventing the connection.

What are two reasons the synchronization group is having issues? (Choose two.)

A. Certificates expired on all of the peer LTM devices.

B. Certificates stored for the device trusts on all of the peer LTM devices are corrupted.

C. Admin passwords changed on one of the peer LTM devices that are able to synchronize.

D. Admin password changed on the LTM device NOT receiving the synchronized configurations.

E. Certificates stored for the device trusts on the LTM device NOT receiving the configuration are corrupted.

Correct Answer: DE

QUESTION 2

An LTM Specialist is tasked with ensuring that the syslogs for the LTM device are sent to a remote syslog server. The following is an extract from the config file detailing the node and monitor that the LTM device is using for the remote syslog server:

monitor Syslog_15002 { defaults from udp dest *:15002

}

node 91.223.45.231 { monitor Syslog_15002 screen RemoteSYSLOG

}

There seem to be problems communicating with the remote syslog server. However, the pool monitor shows that the remote server is up. The network department has confirmed that there are no firewall rules or networking issues preventing the LTM device from communicating with the syslog server. The department responsible for the remote syslog server indicates that there may be problems with the syslog server. The LTM Specialist checks the BIG-IP LTM logs for errors relating to the remote syslog server. None are found. The LTM Specialist does a tcpdump:

tcpdump -nn port 15002, with the following results: 21:28:36.395543 IP 192.168.100.100.44772 > 91.223.45.231.15002: UDP, length 19 21:28:36.429073 IP 192.168.100.100.39499 > 91.223.45.231.15002: UDP, length 169 21:28:36.430714 IP 192.168.100.100.39499 > 91.223.45.231.15002: UDP, length 181 21:28:36.840524 IP 192.168.100.100.39499 > 91.223.45.231.15002: UDP, length 169 21:28:36.846547 IP 192.168.100.100.39499 > 91.223.45.231.15002: UDP, length 181 21:28:39.886343 IP 192.168.100.100.39499 > 91.223.45.231.15002: UDP, length 144

NotE. 192.168.100.100 is the self IP of the LTM device.

Why are there no errors for the remote syslog server in the log files?

A. The -log option for tcpdump needs to be used.

B. The monitor type used is inappropriate.

C. The "verbose" logging option needs to be enabled for the pool.

D. When the remote syslog sever fails, it returns to service before the timeout for the monitor has expired.

Correct Answer: B

QUESTION 3

-- Exhibit -- Exhibit -Refer to the exhibit. An LTM Specialist is troubleshooting an issue with an application configured on an LTM device. The application works properly when accessed directly via the servers; however, it does not work when accessed via the LTM device. The virtual

General Properties

Name	vs_https
Partition / Path	Common
Description	
Type	Standard
Destination	Type: ● Host ○ Network Address: 10.10.1.103
Service Port	443 HTTPS
Availability	
State	Enabled

Configuration: Advanced

Protocol	TCP
Protocol Profile (Client)	tcp
Protocol Profile (Server)	(Use Client Profile)
OneConnect Profile	None
NTLM Conn Pool	None
HTTP Profile	http
HTTP Compression Profile	None
Web Acceleration Profile	None
FTP Profile	None
RTSP Profile	None
Stream Profile	None
XML Profile	None
SSL Profile (Client)	Selected: /Common clientssl Available: /Common clientssl-insecure-compatible wom-default-clientssl
SSL Profile (Server)	Selected: /Common serverssl-insecure-compatible Available: /Common serverssl wom-default-serverssl
Authentication Profiles	Enabled: Available: /Common krbdelegate ldap radius ssl_cc_ldap
IIOP Profile	None
SMTP Profile	None
DNS Profile	None
Diameter Profile	None
SIP Profile	None
Statistics Profile	None
VLAN and Tunnel Traffic	All VLANs and Tunnels
SNAT Pool	Auto Map
Rate Class	None
Traffic Class	Enabled: Available:
Connection Limit	0
Connection Rate Limit	0
Connection Rate Limit Mode	Per Virtual Server
Address Translation	✔ Enabled
Port Translation	✔ Enabled
Source Port	Preserve
Clone Pool (Client)	None
Clone Pool (Server)	None
Auto Last Hop	Default
Last Hop Pool	None
Analytics Profile	avr_slow Note: Changes you make might take up to 10 minutes to be reflected in the charts.
NAT64	☐ Enabled
Request Logging Profile	None

server, 192.168.1.211:443, is configured to SNAT using the address 192.168.1.144 and references a pool with the member 192.168.10.80:443. The virtual server has no Client or Server SSL profiles associated. Which configuration change will allow the application to function through the virtual server?

A. Change pool member port to 8443.

B. Change virtual server port to 8443.

C. Add SSL off-loading to the pool member.

D. Add Client and Server SSL profiles to the virtual server.

Correct Answer: A

QUESTION 4

An LTM device is monitoring three pool members. One pool member is being marked down.

What should the LTM Specialist enable to prevent the server from being flooded with connections once its monitor determines it is up?

A. manual resume

B. packet shaping

C. hold down timer

D. slow ramp timer

E. fastest load balance algorithm

Correct Answer: D

QUESTION 5

-- Exhibit

Capture through LTM device

```
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on External, link-type EN10MB (Ethernet), capture size 96 bytes

16:52:54.866907 IP 192.168.1.1.6789 > 192.168.1.211.443: S 2995699259:2995699259(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
16:52:54.866974 IP 192.168.1.211.443 > 192.168.1.1.6789: S 2305990363:2305990363(0) ack 2995699260 win 4380 <mss 1460,nop,wscale 0,sackOK,eol>
16:52:54.868417 IP 192.168.1.1.6789 > 192.168.1.211.443: . ack 1 win 16425
16:52:54.868422 IP 192.168.1.1.6789 > 192.168.1.211.443: P 1:105(104) ack 1 win 16425
16:52:54.868451 IP 192.168.1.144.6789 > 192.168.10.80.443: S 236216155:236216155(0) win 4380 <mss 1460,nop,wscale 0,sackOK,eol>
16:52:54.868457 IP 192.168.1.211.443 > 192.168.1.1.6789: . ack 105 win 4484
16:52:57.869207 IP 192.168.1.144.6789 > 192.168.10.80.443: S 236216155:236216155(0) win 4380 <mss 1460,nop,wscale 0,sackOK,eol>
16:53:01.068627 IP 192.168.1.144.6789 > 192.168.10.80.443: S 236216155:236216155(0) win 4380 <mss 1460,nop,wscale 0,sackOK,eol>
16:53:04.268911 IP 192.168.1.144.6789 > 192.168.10.80.443: S 236216155:236216155(0) win 4380 <mss 1460,sackOK,eol>
16:53:07.468781 IP 192.168.1.211.443 > 192.168.1.1.6789: R 1:1(0) ack 105 win 4484
```

Capture direct to application server

```
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth1, link-type EN10MB (Ethernet), capture size 96 bytes

09:46:03.428985 IP 192.168.1.1.31214 > 192.168.10.80.8443: S 1295563595:1295563595(0) win 4380 <mss 1460,nop,wscale 0,sackOK,eol>
09:46:03.430000 IP 192.168.10.80.8443 > 192.168.1.1.31214: S 2962914236:2962914236(0) ack 1295563596 win 5840 <mss 1460,nop,nop,sackOK,nop,wscale 3>
09:46:03.430041 IP 192.168.1.1.31214 > 192.168.10.80.8443: . ack 1 win 4380
09:46:03.463946 IP 192.168.1.1.31214 > 192.168.10.80.8443: P 1:137(136) ack 1 win 4380|
09:46:03.465072 IP 192.168.10.80.8443 > 192.168.1.1.31214: . ack 137 win 864
09:46:03.466127 IP 192.168.10.80.8443 > 192.168.1.1.31214: P 1:139(138) ack 137 win 864
09:46:03.466150 IP 192.168.1.1.31214 > 192.168.10.80.8443: . ack 139 win 4518
09:46:03.720163 IP 192.168.1.1.31214 > 192.168.10.80.8443: P 137:196(59) ack 139 win 4518
09:46:03.720183 IP 192.168.1.1.31214 > 192.168.10.80.8443: P 196:542(346) ack 139 win 4518
09:46:03.721853 IP 192.168.10.80.8443 > 192.168.1.1.31214: . ack 542 win 998
09:46:03.723009 IP 192.168.10.80.8443 > 192.168.1.1.31214: . 139:1599(1460) ack 542 win 998
09:46:03.723023 IP 192.168.10.80.8443 > 192.168.1.1.31214: P 1599:2693(1094) ack 542 win 998
09:46:03.723026 IP 192.168.10.80.8443 > 192.168.1.1.31214: F 2693:2693(0) ack 542 win 998
09:46:03.723060 IP 192.168.1.1.31214 > 192.168.10.80.8443: . ack 2693 win 7072
09:46:03.723072 IP 192.168.1.1.31214 > 192.168.10.80.8443: . ack 2694 win 7072
09:46:03.818084 IP 192.168.1.1.31214 > 192.168.10.80.8443: F 542:542(0) ack 2694 win 7072
09:46:03.819820 IP 192.168.10.80.8443 > 192.168.1.1.31214: . ack 543 win 998
```

Trace direct to application server

Started	Time Chart	!	Time	Sent	Received	Method	Result	Type	URL
00:00:00.000	This page (index.html) is from Server 1								
+0.000		!	9.140	278	2480	GET	200		http://srv1.example.com/
+9.144		!	9.134	336	5079	GET	200		http://srv1.example.com/header.gif
+9.146		!	9.266	334	19307	GET	200		http://srv1.example.com/left.gif
+9.147		!	9.232	335	14644	GET	200		http://srv1.example.com/right.gif
+9.149		!	9.189	336	4192	GET	200		http://srv1.example.com/footer.jpg
	9.186 → 18.414 →	!	18.412	1619	45702	5 requests			

Trace through LTM device

Started	Time Chart	!	Time	Sent	Received	Method	Result	Type	URL
00:00:00.000	This page (index.html) is from SSL Server 1								
+0.000		!	0.428	346	2650	GET	200		https://www.example.com/
+0.435		!	9.110	300	0	GET	ERROR_INTERNET_CONNECTION_ABORTED		http://www.example.com/header.gif
+0.435		!	9.322	298	0	GET	ERROR_INTERNET_CONNECTION_ABORTED		http://www.example.com/left.gif
+0.435		!	9.322	299	0	GET	ERROR_INTERNET_CONNECTION_ABORTED		http://www.example.com/right.gif
+0.435		!	9.322	300	0	GET	ERROR_INTERNET_CONNECTION_ABORTED		http://www.example.com/footer.jpg
	← 0.452 9.759 →	!	9.757	1543	2650	5 requests			

```
ltm virtual VS_HTTP {
    destination 10.10.17.100:http
    ip-protocol tcp
    mask 255.255.255.255
    pool Pool_HTTP
    profiles {
        customHTTP { }
        tcp { }
    }
    vlans-disabled
}
ltm pool Pool_HTTP {
    members {
        172.16.20.1:http {
            address 172.16.20.1
        }
    }
}
ltm profile http customHTTP {
    app-service none
    defaults-from http
    encrypt-cookies none
    fallback-host none
    fallback-status-codes none
    header-erase Host
    header-insert none
    insert-xforwarded-for disabled
    lws-separator none
    lws-width 80
    max-header-count 64
    max-header-size 32768
    max-requests 0
    oneconnect-transformations enabled
    pipelining enabled
    redirect-rewrite none
    request-chunking preserve
    response-chunking selective
    response-headers-permitted none
    security disabled
    via-request preserve
    via-response preserve
}
```

```
ltm virtual VS_HTTP {
    destination 10.10.17.100:http
    ip-protocol tcp
    mask 255.255.255.255
    pool Pool_HTTP
    profiles {
        http { }
        tcp { }
    }
    snat automap
    vlans-disabled
}
ltm pool Pool_HTTP {
    members {
        172.16.20.1:http {
            address 172.16.20.1
        }
        172.16.20.2:http {
            address 172.16.20.2
        }
        172.16.20.3:http {
            address 172.16.20.3
        }
    }
}
```

-- Exhibit -Refer to the exhibits.

An LTM Specialist is troubleshooting an application configured on an LTM device on a one- armed configuration. The application is NOT working through the LTM device but does work when accessed directly via the application servers. The

virtual server 192.168.1.211:443 is configured to SNAT using the address 192.168.1.144 and references a pool with the member 192.168.10.80:443. No Client or Server SSL profiles are associated. The LTM Specialist has collected two traffic

captures to help determine the issue.

What is the problem with the configuration on the LTM device?

A. Pool member is configured to use wrong port.

B. Pool member is configured for SSL off-loading.

C. Virtual server is configured to use wrong port.

D. Virtual server is configured without SSL Profiles.

Correct Answer: A

301B PDF Dumps   301B Practice Test   301B Braindumps