

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



2024 Latest leads4pass 301B PDF and VCE dumps Download

QUESTION 1

-- Exhibit

```
Direct to application server:
Request:
GET / HTTP/1.1
Host: 172.16.20.21
Connection: keep-alive
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10 7 5) AppleWebKit/537.4 (KHTML, like Gecko)
Chrome/22.0.1229.94 Safari/537.4
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip, deflate, sdch
Accept-Language: en-US, en; q=0.8
Accept-Charset: ISO-8859-1, utf-8; q=0.7, *; q=0.3
Response:
HTTP/1.1 200 OK
Date: Wed, 24 Oct 2012 19:11:46 GMT
Server: Apache/2.2.22 (Ubuntu)
Last-Modified: Fri, 08 Jun 2012 13:32:31 GMT
ETag: "a0b21-b1-4c1f608458836"
Accept-Ranges: bytes
Content-Length: 177
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html
Through LTM:
Request:
GET / HTTP/1.1
Host: www.example.com
Connection: keep-alive
Cache-Control: max-age=0
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_7_5) AppleWebKit/537.4 (KHTML, like Gecko)
Chrome/22.0.1229.94 Safari/537.4
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Encoding: gzip, deflate, sdch
Accept-Language: en-US, en; q=0.8
Accept-Charset: ISO-8859-1, utf-8; q=0.7, *; q=0.3
Response:
HTTP/1.1 301 Moved Permanently
Date: Wed, 24 Oct 2012 19:17:47 GMT
Server: Apache/2.2.22 (Ubuntu)
Location: https://www.example.com/
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html; charset=iso-8859-1
Transfer-Encoding: chunked
```

-- Exhibit -Refer to the exhibits.

An LTM Specialist configures a virtual server for an internal application to perform client-side encryption while allowing the server-side traffic to be unencrypted. Application users report that images are NOT loading through the virtual server:

however, images load when going directly to the server.

What should the LTM Specialist configure to allow the images to load through the virtual server?



https://www.leads4pass.com/301b.html 2024 Latest leads4pass 301B PDF and VCE dumps Download

- A. HTTP profile with "SSL Offload" enabled
- B. HTTP profile with "SSL Offload" disabled
- C. Stream profile with source "http:" and target "https:"
- D. Stream profile with target "http:" and source "https:"

Correct Answer: C

QUESTION 2

2024 Latest leads4pass 301B PDF and VCE dumps Download

```
ltm profile httpclass acct class {
    app-service none
    defaults-from httpclass
    paths { glob:/accounting }
    pool srv1 http pool
    redirect none
ltm profile httpclass marketing class {
    app-service none
    defaults-from httpclass
    paths { glob:/marketing }
    pool srv1 http pool
    redirect none
ltm profile httpclass default class {
    app-service none
    defaults-from httpclass
    pool srv2 http pool
    redirect none
ltm virtual http vs {
    destination 192.168.1.155:http
    http-class {
        acct class
        marketing class
        default class
    ip-protocol tcp
    mask 255.255.255.255
    pool srv2_http_pool
    profiles {
        http { }
        tcp { }
    snat automap
    vlans-disabled
1
```

-- Exhibit -Refer to the exhibit.

An LTM Specialist is reviewing the virtual server configuration on an LTM device.

Which two actions should the LTM Specialist perform to minimize the virtual server configuration? (Choose two.)

- A. Remove \\'snat automap\\' from the virtual server.
- B. Remove the \\'http\\' profile from the virtual server.
- C. Remove the \\'default_class\\' from the virtual server.
- D. Combine \\'acct_class\\' and \\'marketing_class\\' into one class and update associations on the virtual server.
- E. Combine \\'marketing_class\\' and \\'default_class\\' into one class and update associations on the virtual server.

2024 Latest leads4pass 301B PDF and VCE dumps Download

Correct Answer: CD

QUESTION 3

-- Exhibit

```
PACKET CAPTURE DIRECT TO WEB SERVER
19:50:28.497103 IP 172.31.5.100.49715 > 10.31.80.23.80: S 751670031:751670031(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
19:50:28.501117 IP 10.31.80.23.80 > 172.31.5.100.49715: S 1684731463:1684731463(0) ack 751670032 win 8192 <mss 1460,nop,wscale 8,nop,nop,sackOK>
19:50:28.502839 IP 172.31.5.100.49715 > 10.31.80.23.80: . ack 1 win 16425
19:50:28.524386 IP 172.31.5.100.49715 > 10.31.80.23.80: P 1:249(248) ack 1 win 16425 19:50:28.527024 IP 10.31.80.23.80 > 172.31.5.100.49715: P 1:344(343) ack 249 win 256
19:50:28.738115 IP 172.31.5.100.49715 > 10.31.80.23.80: . ack 344 win 16339
19:50:30.855229 IP 172.31.5.100.49716 > 10.31.80.23.80: S 3248492897:3248492897(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
19:50:30.858672 IP 10.31.80.23.80 > 172.31.5.100.49716: S 1034885901:1034885901(0) ack 3248492898 win 8192 <mss 1460,nop,wscale 8,nop,nop,sackOK>
19:50:30.861972 IP 172.31.5.100.49716 > 10.31.80.23.80: a ck 1 win 16425
19:50:30.861980 IP 172.31.5.100.49716 > 10.31.80.23.80: P 1:202(201) ack 1 win 16425
19:50:30.865070 IP 10.31.80.23.80 > 172.31.5.100.49716: P 1:1406(1405) ack 202 win 256
19:50:30.867112 IP 172.31.5.100.49716 > 10.31.80.23.80: R 202:202(0) ack 1406 win 0
PACKET CAPTURE THROUGH LTM DEVICE
EXTERNAL VLAN
20:05:33.719423 IP 172.31.5.100.49734 > 172.31.200.200.80: 5 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:33.958133 IP 172.31.5.100.49735 > 172.31.200.200.80: 5 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:36.722498 IP 172.31.5.100.49734 > 172.31.200.200.80: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:36.972779 IP 172.31.5.100.49735 > 172.31.200.200.80: 5 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:42.723128 IP 172.31.5.100.49734 > 172.31.200.200.80: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,nop,sackOK>
20:05:42.972755 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,nop,sackOK>
INTERNAL VIAN
20:05:33.719791 IP 172.31.5.100.49734 > 172.31.200.200.80: 5 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:33.958189 IP 172.31.5.100.49735 > 172.31.200.200.80: 5 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:36.722525 IP 172.31.5.100.49734 > 172.31.200.200.80: 5 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK>
20:05:36.972805 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackOK> 20:05:42.723147 IP 172.31.5.100.49734 > 172.31.200.200.80: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,nop,sackOK>
20:05:42.972776 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,nop,sackoK>
```

-- Exhibit -Refer to the exhibits.

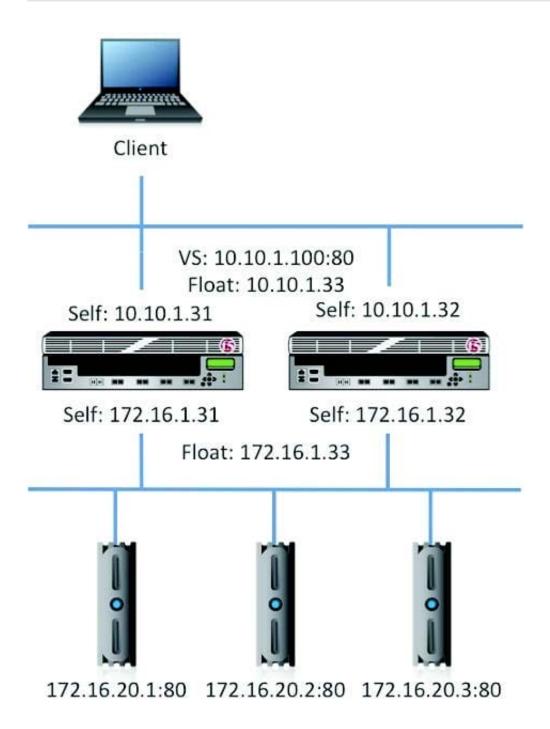
Users are able to access the application when connecting directly to the web server but are unsuccessful when connecting to the virtual server.

What is the cause of the application access problem?

- A. The virtual server has SNAT disabled.
- B. The client has no route to the web server.
- C. The virtual server has address translation disabled.
- D. The web server is NOT responding on the correct port.
- E. The virtual server is NOT configured to listen on port 80.

Correct Answer: C

QUESTION 4



-- Exhibit -Refer to the exhibit.

A server administrator notices that one server is intermittently NOT being sent any HTTP requests. The server logs display no issues. The LTM Specialist notices log entries stating the node (172.16.20.1) status cycling between down and up.

The pool associated with the virtual server (10.10.1.100) has a custom HTTP monitor applied. Which tcpdump filter will help trace the monitor?

A. tcpdump -i internal port 80 and host 172.16.1.31

B. tcpdump -i external port 80 and host 10.10.1.100



2024 Latest leads4pass 301B PDF and VCE dumps Download

- C. tcpdump -i internal port 80 and host 172.16.1.33
- D. tcpdump -i external port 80 and host 172.16.20.1

Correct Answer: A

QUESTION 5

An LTM device pair is configured for failover and connection mirroring. The LTM devices are configured with virtual servers for HTTP, HTTPS with SSL offload, and SSH. An event occurs that causes a failover. HTTP and SSH sessions active at the time of failover remain active, but HTTPS sessions are dropped.

What is the root cause of this problem?

- A. The SSL certificates on the LTM devices do NOT match.
- B. Connection mirroring is incompatible with clientssl profiles.
- C. SNAT automap was NOT enabled for the HTTPS virtual servers.
- D. Connection mirroring was NOT enabled for the HTTPS virtual servers.

Correct Answer: B

QUESTION 6

Leads4Pass https://www.leads4pass.com/301b.html 2024 Latest leads4pass 301B PDF and VCE dumps Download

```
21:48:50.118288 IP 10.0.0.2.49662 > 10.0.0.1.http: 5 2982039927:2982039927(0) win 8192
21:48:50.118323 IP 10.0.0.1.http > 10.0.0.2.49662: S 4109615223:4109615223(0) ack 2982039928 win 4248
21:48:50.278582 IP 10.0.0.2.49662 > 10.0.0.1.http: . ack 1 win 16638 in slot1/tmm2 lis=/Common/test-vs
21:48:50.280165 IF 10.0.0.2.49662 > 10.0.0.1.http: F 1:560(559) ack 1 win 16638 in slot1/tmm2 lis=/Common/test-vs
GET / HTTP/1.1
Accept: application/x-ms-application, image/jpeg, application/xaml+xml, image/gif, image/pjpeg
Accept-Language: en-GB
User-Agent: Mozilla/4.0
Accept-Encoding: gzip, deflate
Host: 10.0.0.1
Connection: Keep-Alive
21:48:50.280270 IF 10.0.0.1.http > 10.0.0.2.49662: . ack 560 win 4807 out slot1/tmm2 lis=/Common/test-vs 21:48:50.283344 IF 10.0.0.1.http > 10.0.0.2.49662: F 1:122(121) ack 560 win 4807 out slot1/tmm2 lis=/Common/test-vs
HTTP/1.0 401 Unauthorized
WWW-Authenticate: Basic realm=""
Server: BigIP
Connection: Keep-Alive
Content-Length: 0 21:48:50.642340 IP 10.0.0.2.49662 > 10.0.0.1.http: . ack 122 win 16607 in slot1/tmm2 lis=/Common/test-vs
21:48:54.676670 IP 10.0.0.2.49662 > 10.0.0.1.http: P 560:1158(598) ack 122 win 16607 in slot1/tmm2 lis=/Common/test-vs
GET / HTTP/1.1
Accept: application/x-ms-application, image/jpeg, application/xaml+xml, image/gif, image/pjpeg
Accept-Language: en-GB
User-Agent: Mozilla/4.0
Accept-Encoding: gzip, deflate
Host: 10.0.0.1
Connection: Keep-Alive
Authorization: Basic YWRtaW46YWRtaW4=
21:48:54.676781 IF 10.0.0.1.http > 10.0.0.2.49662: . ack 1158 win 5405 out slot1/tmm2 lis=/Common/test-vs
21:48:54.679242 IP 10.0.0.1.http > 10.0.0.2.49662: P 122:243(121) ack 1158 win 5405 out slot1/tmm2 lis=/Common/test-vs
HTTP/1.0 401 Unauthorized
WWW-Authenticate: Basic realm=""
Server: BigIP
Connection: Keep-Alive
Content-Length: 0
21:48:55.031314 IP 10.0.0.2.49662 > 10.0.0.1.http: . ack 243 win 16577 in slot1/tmm2 lis=/Common/test-vs
```

-- Exhibit -Refer to the exhibit.

A user is unable to access an application.

What is the root cause of the problem?

- A. The User-Agent is incorrect.
- B. The \\'Content-Length\\' is zero.
- C. The user failed authentication.
- D. The GET request uses the wrong syntax.

Correct Answer: C

QUESTION 7

2024 Latest leads4pass 301B PDF and VCE dumps Download

Capture through LTM device

```
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode listening on External, link-type ENIOMB (Ethernet), capture size 96 bytes 16:52:54.866907 IP 192.168.1.1.6789 > 192.168.1.211.443: $2995699259:2995699259(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackoK> 16:52:54.866907 IP 192.168.1.211.443 > 192.168.1.1.6789: $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 16:52:54.868427 IP 192.168.1.1.6789 > 192.168.1.211.443: P 1:105(104) ack 1 win 16425 16:52:54.868451 IP 192.168.1.1.6789 > 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: $236216155:236216155(0) win 4380 <mss 1460,nop,wscale 0,sackoK,eol> 16:52:57.869207 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: $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: $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: $236216155:236216155(0) win 4380 <mss 1460,nop,wscale 0,sackoK,eol> 16:53:07.468781 IP 192.168.1.144.6789 > 192.168.10.80.443: $236216155:236216155(0) win 4380 <mss 1460,sackoK,eol> 16:53:07.468781 IP 192.168.1.144.6789 > 192.168.1.1.6789: R 1:1(0) ack 105 win 4484
```

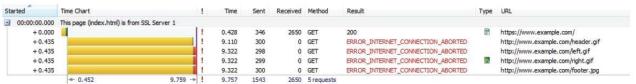
Capture direct to application server

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

Trace direct to application server

Started ^	Time Chart	1	Time	Sent	Received	Method	Result	Type	URL
00:00:00.000	This page (index.html) is from Se	rver 1		OF STREET, STR					
+0.000		!	9.140	278	2480	GET	200	₽	http://srv1.example.com/
+ 9.144		1	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		1	9.232	335	14644	GET	200		http://srv1.example.com/right.gif
+ 9, 149		1	9.189	336	4192	GET	200	=	http://srv1.example.com/footer.jpg
	9 186 -	18 414 → 1	18 412	1619	45702	Sremiecto			

Trace through LTM device



```
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
tm 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

QUESTION 8

An LTM Specialist with the Administrator role and terminal access of "tmsh" logs in via ssh and is in the Traffic Manager Shell. The LTM Specialist wants to enter the bash shell to review log files. Which command does the LTM Specialist need to run to access the bash shell?

Leads4Pass

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

2024 Latest leads4pass 301B PDF and VCE dumps Download

^	^vit
Α.	exit

B. quit

C. run /cli bash

D. run /util bash

Correct Answer: D

QUESTION 9

An LTM Specialist configured a virtual server to load balance a custom application. The application works when it is tested from within the firewall but it fails when tested externally. The pool member address is 192.168.200.10:80. A capture from an external client shows:

GET /index.jsp HTTP/1.1 Host: 207.206.201.100 User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:15.0) Gecko/20100101 Firefox/15.0.1 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8 Connection: keep-alive HTTP/1.1 302 Found DatE. Wed, 17 Oct 2012 23:09:55 GMT Server: Apache/2.2.15 (CentOS) Location: http://192.168.200.10/user/home.jsp Content-LengtH. 304 Connection: close

What is the solution to this issue?

- A. Assign a SNAT pool to the virtual server.
- B. Add a Web Acceleration Profile to the virtual server.
- C. Configure redirect rewrite option in the HTTP profile.
- D. Configure a content filter on the backend web server.

Correct Answer: C

QUESTION 10

An LTM Specialist is setting up a monitor for an HTTP 1.1 server. The response to a GET / is:

HTTP/1.1 302 Moved Temporarily Location: http://www.example.com/new/location.html Which send string settings should the LTM Specialist use to force a proper response?

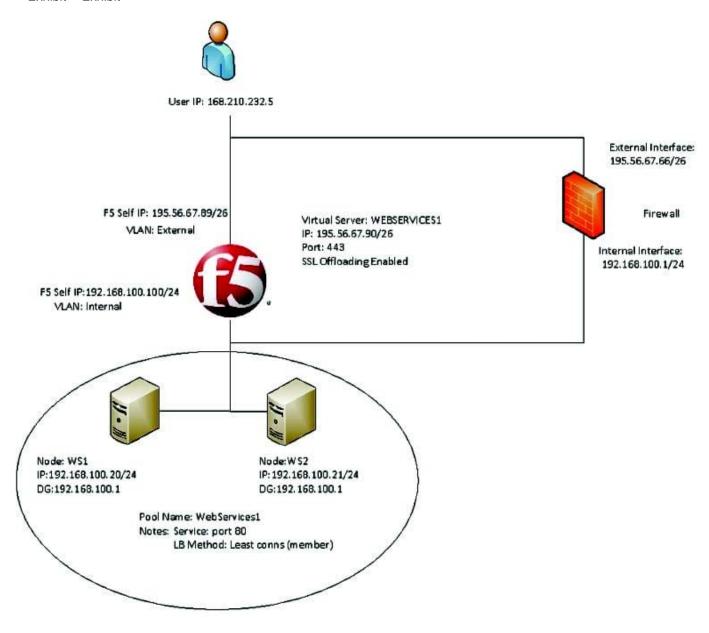
A. GET / HTTP/1.0\r\nHost: host.domain.com\r\nConnection: Close\r\n\r\n

- B. GET /new/location.html HTTP/1.1\r\nHost: www.example.com\r\nConnection: Close\r\n\r\n
- C. GET / HTTP/1.1\r\nHost: www.example.com/new/location.html\r\nConnection: Close\r\n\r\n
- D. GET /new/location.html HTTP/1.1\r\nHost: host.domain.com/new/locations.html\r\nConnection: Close\r\n\r\n

Correct Answer: B

QUESTION 11

-- Exhibit -- Exhibit -



Refer to the exhibit.

Users receive an error when attempting to connect to the website https://website.com. The website has a DNS record of 195.56.67.90. The upstream ISP has confirmed that there is nothing wrong with the routing between the user and the

LTM device.

The following tcpdump outputs have been captured:

External Vlan, filtered on IP 168.210.232.5

00:25:07.598519 IP 168.210.232.5.33159 > 195.56.67.90.https: S 1920647964:1920647964(0) win 8192

Leads4Pass

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

2024 Latest leads4pass 301B PDF and VCE dumps Download

00:25:07.598537 IP 195.56.67.90.https > 168.210.232.5.33159: S 2690691360:2690691360(0) ack 1920647965 win 4350

00:25:07.598851 IP 168.210.232.5.33160 > 195.56.67.90.https: S 2763858764:2763858764(0) win 8192

00:25:07.598858 IP 195.56.67.90.https > 168.210.232.5.33160: S 1905576176:1905576176(0) ack 2763858765 win 4350

Internal Vlan, filtered on IP 168.210.232.5

00:31:46.171124 IP 168.210.232.5.33202 > 192.168.100.20.http: S 2389057240:2389057240(0) win 4380

What is the problem?

- A. The filters on the tcpdumps are incorrect.
- B. The DNS entry for website.com is incorrect.
- C. The virtual server \\'WEBSERVICES1\\' is listening on the incorrect port.
- D. The firewall is dropping the connection coming from the pool members returned to the client.
- E. The subnet masks of the pool members of pool WebServices1 and the f5 \'Internal\\' Vlan are incorrect.

Correct Answer: D

QUESTION 12

An LTM Specialist realizes that a datacenter engineer has changed the console baud rate. Which command determines the current baud rate via the command line interface?

A. tmsh show /ltm console

B. tmsh show /sys console

C. tmsh list /sys baud-rate

D. tmsh list /net baud-rate

Correct Answer: B

QUESTION 13

The active LTM device in a high-availability (HA) pair performs a failover at the same time the network team reports an outage of a switch on the network. Which two items could have caused the failover event? (Choose two.)

A. a VLAN fail-safe setting

B. a monitor on a pool in an HA group

C. the standby LTM that was rebooted



2024 Latest leads4pass 301B PDF and VCE dumps Download

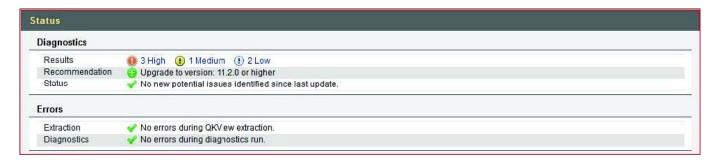
D. an Auditor role that has access to the GUI

E. the standby LTM that lost connectivity on the failover VLAN

Correct Answer: AB

QUESTION 14

-- Exhibit



-- Exhibit -Refer to the exhibit.

Which step should an LTM Specialist take next to finish upgrading to HD1.3?

- A. Install image to HD1.3
- B. Install hotfix to HD1.3
- C. Activate HD1.3
- D. Relicense HD1.3

Correct Answer: C

QUESTION 15

A web application is meant to log the URI of the resource that responded to the client\\'s initial Request-URI. Which HTTP header will supply this information?

- A. Via
- B. Server
- C. Trailer
- D. Referer

Correct Answer: D



https://www.leads4pass.com/301b.html 2024 Latest leads4pass 301B PDF and VCE dumps Download

301B PDF Dumps

301B Practice Test

301B Braindumps