Free Questions for **301b** by **dumpshq**

Shared by **Sanford** on **20-10-2022**

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Question 1

-- Exhibit --

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,sa
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
```

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
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
```

-- Exhibit --

Refer to the exhibits.

An LTM Specialist is troubleshooting an issue with one of the virtual servers on an LTM device, and all requests are receiving errors. Testing directly against the server generates no errors. The LTM Specialist has captured the request and response on both client and server sides of the LTM device.

What should the LTM Specialist do to fix this issue?

Options:

A- Remove 'header-erase Host' in http profile.

B- Configure SNAT Automap on the virtual server.

C- Assign OneConnect profile to the virtual server.

D- Set 'redirect-rewrite' to 'selective' in http profile.

Question 2

Question Type: MultipleChoice

-- 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?

Options:

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:'

Answer:

C

Question 3

-- Exhibit --

Data Format	Normalized ▾
Auto Refresh	Disabled ▾ [Refresh]

`*` [Search]

	Status	⇕ Pool/Member	Partition / Path	Bits In	Out	Packets In	Out	Connections Current	Maximum	Total	Requests Total	Depth	Maximum
☐	🟢	DNS_pool	Common	0	0	0	0	0	0	0		0	0
☐	🟢	– 172.16.20.1:53	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	– 172.16.20.2:53	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	– 172.16.20.3:53	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	ecomm_pool	Common	21.6K	60.2K	20	16	0	1	2		0	0
☐	🟢	– ecomm_server:80	Common	21.6K	60.2K	20	16	0	1	2	5	0	0
☐	🔵	ftp_pool	Common	10.9K	8.9K	24	15	1	1	1		0	0
☐	🔵	– 172.16.20.1:21	Common	10.9K	8.9K	24	15	1	1	1	0	0	0
☐	🔵	– 172.16.20.2:21	Common	0	0	0	0	0	0	0	0	0	0
☐	🔵	– 172.16.20.3:21	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	hello_world_pool	Common	0	0	0	0	0	0	0		0	0
☐	🟢	– ecomm_server:81	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	http_pool	Common	142.2K	1.5M	137	173	0	6	10		0	0
☐	🟢	– 172.16.20.1:80	Common	43.6K	639.1K	48	66	0	2	3	6	0	0
☐	🟢	– 172.16.20.2:80	Common	30.7K	369.8K	34	44	0	2	3	4	0	0
☐	🟢	– 172.16.20.3:80	Common	67.8K	537.2K	55	63	0	2	4	11	0	0
☐	🟢	iOS_pool	Common	0	0	0	0	0	0	0		0	0
☐	🟢	– ecomm_server:82	Common	0	0	0	0	0	0	0	0	0	0
☐	🔵	server1_80	Common	24.9M	190.0M	56.4K	56.3K	0	1	9.5K		0	0
☐	🔵	– 172.16.20.1:80	Common	24.9M	190.0M	56.4K	56.3K	0	1	9.5K	0	0	0
☐	🔵	server2_80_pool	Common	24.8M	190.1M	56.3K	56.6K	0	1	9.5K		0	0
☐	🔵	– 172.16.20.2:80	Common	24.8M	190.1M	56.3K	56.6K	0	1	9.5K	0	0	0
☐	🟢	server_pool	Common	0	0	0	0	0	0	0		0	0
☐	🟢	– 172.16.20.1:0	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	– 172.16.20.2:0	Common	0	0	0	0	0	0	0	0	0	0
☐	🟢	– 172.16.20.3:0	Common	0	0	0	0	0	0	0	0	0	0
☐	🔴	webgoat_pool	Common	0	0	0	0	0	0	0		0	0
☐	🔴	– webgoat_8080:8080	Common	0	0	0	0	0	0	0	0	0	0

-- Exhibit --

Refer to the exhibit.

An administrator created a monitor to a pool member web server, which resulted in a pool member that is marked red. The administrator knows the web server is working when it is accessed from another computer.

What should the administrator do to correct the problem?

Question 4

-- Exhibit --

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

-- 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 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?

Options:

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.

Answer:

A

Question 5

-- Exhibit --

```
Packet capture through LTM device

09:26:40.158653 IP 172.16.1.3.54990 > 172.16.20.21.https: S 2815629254:2815629254(0) win 4380 <mss 1460,nop,wscale 0,nop,nop,tim
        0x0000:  4500 0040 092b 4000 ff06 0554 ac10 0103   E..@.+@....T....
        0x0010:  ac10 1415 d6ce 01bb a7d3 17c6 0000 0000   ................
        0x0020:  b002 111c 4d2d 0000 0204 05b4 0103 0300   ....M-..........
        0x0030:  0101 080a 98bf 3a9d 0000 0000 0402 0000   ......:.........
09:26:40.160133 IP 172.16.20.21.https > 172.16.1.3.54990: S 4117971743:4117971743(0) ack 2815629255 win 14480 <mss 1460,sackOK,t
        0x0000:  4500 003c 0000 4000 4006 cd83 ac10 1415   E..<..@.@.......
        0x0010:  ac10 0103 01bb d6ce f573 431f a7d3 17c7   .........sC.....
        0x0020:  a012 3890 7182 0000 0204 05b4 0402 080a   ..8.q...........
        0x0030:  0003 8c90 98bf 3a9d 0103 0304            ......:.....
09:26:40.160143 IP 172.16.1.3.54990 > 172.16.20.21.https: . ack 1 win 4380 <nop,nop,timestamp 2562669215 232592>
        0x0000:  4500 0034 092e 4000 ff06 055d ac10 0103   E..4..@....]....
        0x0010:  ac10 1415 d6ce 01bb a7d3 17c7 f573 4320   .............sC.
        0x0020:  8010 111c c7bd 0000 0101 080a 98bf 3a9f   ..............:.
        0x0030:  0003 8c90                                 ....
09:26:40.160150 IP 172.16.1.3.54990 > 172.16.20.21.https: P 1:442(441) ack 1 win 4380 <nop,nop,timestamp 2562669215 232592>
        0x0000:  4500 01ed 0930 4000 ff06 03a2 ac10 0103   E....0@.........
        0x0010:  ac10 1415 d6ce 01bb a7d3 17c7 f573 4320   .............sC.
        0x0020:  8018 111c b0a8 0000 0101 080a 98bf 3a9f   ..............:.
        0x0030:  0003 8c90 4745 5420 2f20 4854 5450 2f31   ....GET./.HTTP/1
        0x0040:  2e31 0d0a 486f 7374 3a20 7777 772e 6578   .1..Host:.www.ex
        0x0050:  616d                                      am
09:26:40.163290 IP 172.16.20.21.https > 172.16.1.3.54990: . ack 442 win 972 <nop,nop,timestamp 232592 2562669215>
        0x0000:  4500 0034 cfb0 4000 4006 fdda ac10 1415   E..4..@.@.......
        0x0010:  ac10 0103 01bb d6ce f573 4320 a7d3 1980   .........sC.....
        0x0020:  8010 03cc d354 0000 0101 080a 0003 8c90   .....T..........
        0x0030:  98bf 3a9f                                 ..:.
09:26:40.164206 IP 172.16.20.21.https > 172.16.1.3.54990: P 1:527(526) ack 442 win 972 <nop,nop,timestamp 232592 2562669215>
        0x0000:  4500 0242 cfb1 4000 4006 fbcb ac10 1415   E..B..@.@.......
        0x0010:  ac10 0103 01bb d6ce f573 4320 a7d3 1980   .........sC.....
        0x0020:  8018 03cc c59e 0000 0101 080a 0003 8c90   ................
        0x0030:  98bf 3a9f 3c21 444f 4354 5950 4520 4854   ..:.<!DOCTYPE.HT
        0x0040:  4d4c 2050 5542 4c49 4320 222d 2f2f 4945   ML.PUBLIC."-//IE
        0x0050:  5446                                      TF
09:26:40.164226 IP 172.16.1.3.54990 > 172.16.20.21.https: . ack 527 win 4906 <nop,nop,timestamp 2562669219 232592>
        0x0000:  4500 0034 0934 4000 ff06 0557 ac10 0103   E..4.4@....W....
        0x0010:  ac10 1415 d6ce 01bb a7d3 1980 f573 452e   .............sE.
        0x0020:  8010 132a c1e4 0000 0101 080a 98bf 3aa3   ...*..........:.
        0x0030:  0003 8c90                                 ....
09:26:40.165322 IP 172.16.20.21.https > 172.16.1.3.54990: F 527:527(0) ack 442 win 972 <nop,nop,timestamp 232592 2562669215>
        0x0000:  4500 0034 cfb2 4000 4006 fdd8 ac10 1415   E..4..@.@.......
        0x0010:  ac10 0103 01bb d6ce f573 452e a7d3 1980   .........sE.....
        0x0020:  8011 03cc d145 0000 0101 080a 0003 8c90   .....E..........
```

```
Packet capture direct to application server


09:36:28.845154 IP 1.1.2.150.55073 > 172.16.20.21.https: S 3718695743:3718695743(0) win 65535 <mss 1460,nop,wscale 3,nop,nop,time
        0x0000:  4500 0040 f88c 4000 4006 7e6f 0101 0296   E..@..@.@.~o....
        0x0010:  ac10 1415 d721 01bb dda6 cb3f 0000 0000   .....!.....?....
        0x0020:  b002 ffff 0a53 0000 0204 05b4 0103 0303   .....S..........
        0x0030:  0101 080a 28da be52 0000 0000 0402 0000   ....(..R........
09:36:28.845218 IP 1.1.2.150.55073 > 172.16.20.21.https: S 3718695743:3718695743(0) win 65535 <mss 1460,nop,wscale 3,nop,nop,time
        0x0000:  4500 0040 f88c 4000 3f06 7f6f 0101 0296   E..@..@.?..o....
        0x0010:  ac10 1415 d721 01bb dda6 cb3f 0000 0000   .....!.....?....
        0x0020:  b002 ffff 0a53 0000 0204 05b4 0103 0303   .....S..........
        0x0030:  0101 080a 28da be52 0000 0000 0402 0000   ....(..R........
09:36:28.846583 IP 172.16.20.21.https > 1.1.2.150.55073: S 1893621123:1893621123(0) ack 3718695744 win 14480 <mss 1460,sackOK,tim
        0x0000:  4500 003c 0000 4000 4006 7700 ac10 1415   E..<..@.@.w.....
        0x0010:  0101 0296 01bb d721 70de 5d83 dda6 cb40   .......!p.]....@
        0x0020:  a012 3890 48df 0000 0204 05b4 0402 080a   ..8.H...........
        0x0030:  0005 cb6f 28da be52 0103 0304            ...o(..R....
09:36:28.848001 IP 172.16.20.21.https > 1.1.2.150.55073: S 1893621123:1893621123(0) ack 3718695744 win 14480 <mss 1460,sackOK,tim
        0x0000:  4500 003c 0000 4000 3f06 7800 ac10 1415   E..<..@.?.x.....
        0x0010:  0101 0296 01bb d721 70de 5d83 dda6 cb40   .......!p.]....@
        0x0020:  a012 3890 48df 0000 0204 05b4 0402 080a   ..8.H...........
        0x0030:  0005 cb6f 28da be52 0103 0304            ...o(..R....
09:36:28.848010 IP 1.1.2.150.55073 > 172.16.20.21.https: . ack 1 win 65535 <nop,nop,timestamp 685424212 379759>
        0x0000:  4500 0034 8891 4000 4006 ee76 0101 0296   E..4..@.@..v....
        0x0010:  ac10 1415 d721 01bb dda6 cb40 70de 5d84   .....!.....@p.].
        0x0020:  8010 ffff b036 0000 0101 080a 28da be54   .....6......(..T
        0x0030:  0005 cb6f                                 ...o
09:36:28.848020 IP 1.1.2.150.55073 > 172.16.20.21.https: . ack 1 win 65535 <nop,nop,timestamp 685424212 379759>
        0x0000:  4500 0034 8891 4000 3f06 ef76 0101 0296   E..4..@.?..v....
        0x0010:  ac10 1415 d721 01bb dda6 cb40 70de 5d84   .....!.....@p.].
        0x0020:  8010 ffff b036 0000 0101 080a 28da be54   .....6......(..T
        0x0030:  0005 cb6f                                 ...o
09:36:28.849049 IP 1.1.2.150.55073 > 172.16.20.21.https: P 1:378(377) ack 1 win 65535 <nop,nop,timestamp 685424212 379759>
        0x0000:  4500 01ad faf8 4000 4006 7a96 0101 0296   E.....@.@.z.....
        0x0010:  ac10 1415 d721 01bb dda6 cb40 70de 5d84   .....!.....@p.].
        0x0020:  8018 ffff 7e10 0000 0101 080a 28da be54   ....~.......(..T
        0x0030:  0005 cb6f 1603 0101 7401 0001 7003 0150   ...o....t...p..P
        0x0040:  896a 8bb0 c37c 5a0d 89fa 8a3c 69a7 6fc8   .j...|Z....<i.o.
        0x0050:  4e80                                      N.
09:36:28.849058 IP 1.1.2.150.55073 > 172.16.20.21.https: P 1:378(377) ack 1 win 65535 <nop,nop,timestamp 685424212 379759>
        0x0000:  4500 01ad faf8 4000 3f06 7b96 0101 0296   E.....@.?.{.....
        0x0010:  ac10 1415 d721 01bb dda6 cb40 70de 5d84   .....!.....@p.].
        0x0020:  8018 ffff 7e10 0000 0101 080a 28da be54   ....~.......(..T
        0x0030:  0005 cb6f 1603 0101 7401 0001 7003 0150   ...o....t...p..P
        0x0040:  896a 8bb0 c37c 5a0d 89fa 8a3c 69a7 6fc8   .j...|Z....<i.o.
        0x0050:  4e80                                      N.
```

-- Exhibit --

Refer to the exhibits.

An LTM Specialist has configured a virtual server to distribute connections to a pool of application servers and to offload SSL processing. The application fails to work as expected when connecting to the virtual server. It does work when clients connect directly to the application. Two packet captures were taken at the application server.

What is the root cause of the problem?

Options:

A- The application servers are NOT listening on port 80.

B- The LTM device is sending non-SSL traffic to an SSL port.

C- The virtual server does NOT have a clientSSL profile assigned.

D- The SSL handshake between the LTM device and the server is failing.

Answer:

B

Question 6

-- Exhibit --

```
18:25:47.356188 IP 192.168.1.100.55596 > 192.168.1.155.8080: S 365083520:365083520(0) win 8192 <mss 1260,nop,wscale 2,nop,nop,sac
....E..4cE@..../...d.....,...... ........................
18:25:47.356218 IP 192.168.1.155.8080 > 192.168.1.100.55596: S 2357781217:2357781217(0) ack 365083521 win 3780 <mss 1460,nop,wsca
....E..4.O@....#.......d...,....................."...../test/http_custom_redirect_vs
18:25:47.357679 IP 192.168.1.100.55596 > 192.168.1.155.8080: . ack 1 win 16695 in slot1/tmm0 lis=/test/http_custom_redirect_vs
....E..(cF@...:...d.....,.........P.A7....."...../test/http_custom_redirect_vs
18:25:47.365725 IP 192.168.1.100.55596 > 192.168.1.155.8080: P 1:294(293) ack 1 win 16695 in slot1/tmm0 lis=/test/http_custom_red
....E..McG@........d.....,.........P.A7\
..GET / HTTP/1.1
Host: 192.168.1.155:8080
User-Agent: Mozilla/5.0 (Windows NT 6.1; rv:16.0) Gecko/20100101 Firefox/16.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
DNT: 1
Connection: keep-alive

."...../test/http_custom_redirect_vs
18:25:47.365805 IP 192.168.1.155.8080 > 192.168.1.100.55596: P 1:105(104) ack 294 win 3780 out slot1/tmm0 lis=/test/http_custom_r
....E....S@............d...,.......P.......HTTP/1.0 302 Found
Location: https://192.168.1.155:8080/
Connection: Keep-Alive
Content-Length: 0

."...../test/http_custom_redirect_vs
18:25:47.382739 IP 192.168.1.100.55597 > 192.168.1.155.8080: S 2429178084:2429178084(0) win 8192 <mss 1260,nop,wscale 2,nop,nop,s
....E..4cH@....,...d.....-...P....... ..!......................
18:25:47.382752 IP 192.168.1.155.8080 > 192.168.1.100.55597: S 197089061:197089061(0) ack 2429178085 win 3780 <mss 1460,nop,wscal
....E..4.V@..........d...-..W%..P....................."...../test/http_custom_redirect_vs
18:25:47.384086 IP 192.168.1.100.55597 > 192.168.1.155.8080: . ack 1 win 16695 in slot1/tmm0 lis=/test/http_custom_redirect_vs
....E..(cI@....7...d.....-...P...W&P.A7....."...../test/http_custom_redirect_vs
18:25:47.384092 IP 192.168.1.100.55597 > 192.168.1.155.8080: P 1:89(88) ack 1 win 16695 in slot1/tmm0 lis=/test/http_custom_redir
....E...cJ@.......d.....-....P...W&P.A7gN......S...O..P.......x...z&u....i..!K..[v...7..(.......9.8...5.E.D.3.2...A...../...
..."...../test/http_custom_redirect_vs
18:25:47.384106 IP 192.168.1.155.8080 > 192.168.1.100.55597: . ack 89 win 3868 out slot1/tmm0 lis=/test/http_custom_redirect_vs
....E..(.Z@....$........d...-..W&..Q=P........."...../test/http_custom_redirect_vs
18:25:47.571574 IP 192.168.1.100.55596 > 192.168.1.155.8080: . ack 105 win 16669 in slot1/tmm0 lis=/test/http_custom_redirect_vs
....E..(cX@....(...d.....,.........JP.A..n..."...../test/http_custom_redirect_vs
18:27:42.414390 IP 192.168.1.100.55596 > 192.168.1.155.8080: F 294:294(0) ack 105 win 16669 in slot1/tmm0 lis=/test/http_custom_r
....E..(h}@........d.....,.........JP.A..m..."...../test/http_custom_redirect_vs
18:27:42.414425 IP 192.168.1.155.8080 > 192.168.1.100.55596: . ack 295 win 4073 out slot1/tmm0 lis=/test/http_custom_redirect_vs
....E..(..@........d...,...J....P......."...../test/http_custom_redirect_vs
18:27:42.414431 IP 192.168.1.155.8080 > 192.168.1.100.55596: F 105:105(0) ack 295 win 4073 out slot1/tmm0 lis=/test/http_custom_r
....E..(..@....~........d...,...J....P......."...../test/http_custom_redirect_vs
18:27:42.415916 IP 192.168.1.100.55596 > 192.168.1.155.8080: . ack 106 win 16669 in slot1/tmm0 lis=/test/http_custom_redirect_vs
```

```
ltm profile httpclass /test/http_custom_redirect {
    app-service none
    defaults-from httpclass
    pool none
    redirect https://[HTTP::host][HTTP::uri]
}
ltm pool eCommerce_https_pool {
    members {
        10.1.1.1:https {
            address 10.1.1.1
        }
    }
    partition test
}
ltm virtual /test/http_custom_redirect_vs {
    destination 192.168.1.155:8080
    http-class {
        /test/http_custom_redirect
    }
    ip-protocol tcp
    mask 255.255.255.255
    partition test
    profiles {
        http { }
        tcp { }
    }
    vlans-disabled
}
ltm virtual https_vs {
    destination /Common/192.168.1.155:https
    ip-protocol tcp
    mask 255.255.255.255
    partition test
    pool eCommerce_https_pool
    profiles {
        /Common/example.com {
            context clientside
        }
        /Common/serverssl-insecure-compatible {
            context serverside
        }
        /Common/tcp { }
    }
    snat automap
    vlans-disabled
}
```

-- Exhibit --

Refer to the exhibits.

An LTM Specialist is reconfiguring a virtual server to redirect all clients to HTTPS. Testing reveals that the redirect is functioning incorrectly. As part of the troubleshooting process, the LTM Specialist performs a packet capture.

What is the issue?

Options:

A- The redirect is causing an infinite loop.

B- The virtual server is missing a clientssl profile.

C- The redirect is sending the client to the incorrect location.

D- The virtual server is incorrectly processing the HTTP request.

Answer:

C

Question 7

Question Type: **MultipleChoice**

-- 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,n
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,n
19:50:30.861972 IP 172.31.5.100.49716 > 10.31.80.23.80: . ack 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: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
20:05:33.958133 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
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,sackO
20:05:36.972779 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
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 VLAN
20:05:33.719791 IP 172.31.5.100.49734 > 172.31.200.200.80: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
20:05:33.958189 IP 172.31.5.100.49735 > 172.31.200.200.80: S 2304966925:2304966925(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
20:05:36.722525 IP 172.31.5.100.49734 > 172.31.200.200.80: S 3265616310:3265616310(0) win 8192 <mss 1460,nop,wscale 2,nop,nop,sackO
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,sackO
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?

Options:

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.

Answer:

C

Question 8

-- 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
```

Refer to the exhibit.

An LTM Specialist configures a virtual server to perform client-side encryption while allowing the server-side traffic to be unencrypted. Application owners report that images are failing to load through the virtual server; however, images load when going directly to the server.

What is the problem with the images loading through the virtual server?

Options:

A- Image references are for HTTP objects, not HTTPS.

B- Image references are for HTTPS objects, not HTTP.

C- The virtual server does not have 'SSL Offloading' enabled.

D- The virtual server does not have an HTTP profile associated.

Answer:

A

Question 9

-- 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
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,s.
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/heade
+9.146		!	9.266	334	19307	GET	200		http://srv1.example.com/left.gi
+9.147		!	9.232	335	14644	GET	200		http://srv1.example.com/right.g
+9.149		!	9.189	336	4192	GET	200		http://srv1.example.com/footer
	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/heade
+0.435		!	9.322	298	0	GET	ERROR_INTERNET_CONNECTION_ABORTED			http://www.example.com/left.gi
+0.435		!	9.322	299	0	GET	ERROR_INTERNET_CONNECTION_ABORTED		▄	http://www.example.com/right.
+0.435		!	9.322	300	0	GET	ERROR_INTERNET_CONNECTION_ABORTED			http://www.example.com/foote
	← 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 {
        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?

Options:

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.

Answer:

A

Question 10

Question Type: **MultipleChoice**

-- Exhibit --

```
HTTP Headers for Direct Request:

Request #1:
GET / HTTP/1.1
Host: 172.16.20.1
Connection: keep-alive
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_2) AppleWebKit/537.11 (KHTML, like Gecko) Chrome/23.0.1271.40 Safari/537
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 #1:
HTTP/1.1 200 OK
Date: Tue, 23 Oct 2012 16:51:23 GMT
Server: Apache/2.2.15 (Unix)
Last-Modified: Tue, 23 Oct 2012 16:44:12 GMT
ETag: "205c5-ab8-4ccbcae000f00"
Accept-Ranges: bytes
Content-Length: 2744
Connection: close
Content-Type: text/html; charset=UTF-8

Request #2:
GET /page2 HTTP/1.1
Host: 172.16.20.1
Connection: keep-alive
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_2) AppleWebKit/537.11 (KHTML, like Gecko) Chrome/23.0.1271.40 Safari/537
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Referer: http://172.16.20.1/
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 #2:
HTTP/1.1 302 Found
Date: Tue, 23 Oct 2012 17:03:27 GMT
Server: Apache/2.2.15 (Unix)
Location: http://172.16.20.1/page2.php
Content-Length: 285
Connection: close
Content-Type: text/html; charset=iso-8859-1

Request #3:
GET /page2.php HTTP/1.1
```

```
HTTP Headers for Request through LTM Device:

Request #1:
GET / HTTP/1.1
Host: 10.10.1.103
Connection: keep-alive
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_2) AppleWebKit/537.11 (KHTML, like Gecko) Chrome/23.0.1271.40 Safari/537.
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 #1:
HTTP/1.1 200 OK
Date: Tue, 23 Oct 2012 16:02:18 GMT
Server: Apache/2.2.15 (Unix)
Last-Modified: Mon, 03 Sep 2012 11:54:38 GMT
ETag: "20582-a46-4c8cace5d1b80"
Accept-Ranges: bytes
Content-Length: 2630
Connection: close
Content-Type: text/html; charset=UTF-8

Request #2:
GET /page2 HTTP/1.1
Host: 10.10.1.103
Connection: keep-alive
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_2) AppleWebKit/537.11 (KHTML, like Gecko) Chrome/23.0.1271.40 Safari/537.
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Referer: https://10.10.1.103/
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 #2:
HTTP/1.1 302 Found
Date: Tue, 23 Oct 2012 16:02:19 GMT
Server: Apache/2.2.15 (Unix)
Location: http://10.10.1.103/page2.php
Content-Length: 285
Connection: close
Content-Type: text/html; charset=iso-8859-1

Request #3:
GET http://10.10.1.103/env.cgi HTTP/1.1
Host: 10.10.1.103
```

-- Exhibit --

Refer to the exhibits.

A customer requests to offload SSL for an internal website. The front page of the website loads correctly; however, selecting links on the page fails.

How should the LTM Specialist fix the issue?

Options:

A- Create a new SNAT pool.
Add internal network IPs to the SNAT pool.
Add the SNAT pool to the VS.

B- Create a new HTTP profile.
Enable Insert X-Forwarded-For.
Add the new HTTP profile to the VS.

C- Create a new HTTP profile.
Enable redirect rewrite.
Add the new HTTP profile to the VS.

D- Create a new Server SSL profile.
Enable Proxy SSL.
Add the Server SSL profile to the VS.

Question 11

Question Type: MultipleChoice

-- Exhibit --

General Configuration

Profile Name	avr_slow
Partition / Path	Common
Parent Profile	analytics ⬍
Profile Description	
Statistics Logging Type	☑ Internal ☐ ☐ ☐ External ☐
Traffic Capturing Logging Type	☐ Internal ☐ ☐ ☐ External ☐
SMTP Configuration	None (Note: Setting can be changed only through the default analytics profile.)
Notification Type	☐ Syslog ☐ ☐ SNMP ☐ ☐ E-mail ☐
Trust XFF	☑ Enable ☐
Transaction Sampling Ratio	Sample all transactions (Note: Setting can be changed only through the default analytics profile.)

Included Objects

	Name	Destination	Service Port	Partition / Path
☐				
☐	vs_http	10.10.1.100	80	Common
☐	vs_https	10.10.1.103	443	Common

Virtual Servers

[Add...] [Delete]

Statistics Gathering Configuration

Custom ☑

Collected Metrics	☑ Server Latency ☑ ☑ Page Load Time ☑ ☑ Throughput ☑ ☑ User Sessions ☑ Timeout: 5 ⬍ minutes ☑
Collected Entities	☑ URLs ☑ ☐ Countries ☑ ☑ Client IP Addresses ☑ ☐ Response Codes ☑ ☐ User Agents ☑ ☑ Methods ☑

[Cancel] [Update] **Note:** Changes you make might take up to 10 minutes to be reflected in the charts.

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

-- Exhibit --

Refer to the exhibits.

When observing the AVR statistics for the HTTPS_VS, an LTM Specialist realizes that HTTP status codes are NOT being recorded.

How should the LTM Specialist modify the configuration to record the HTTP status codes?

Options:

A- assign a streaming profile to the virtual server

B- assign client SSL and server SSL profiles to the virtual server

C- enable Statistics Logging Type, External on the analytics profile

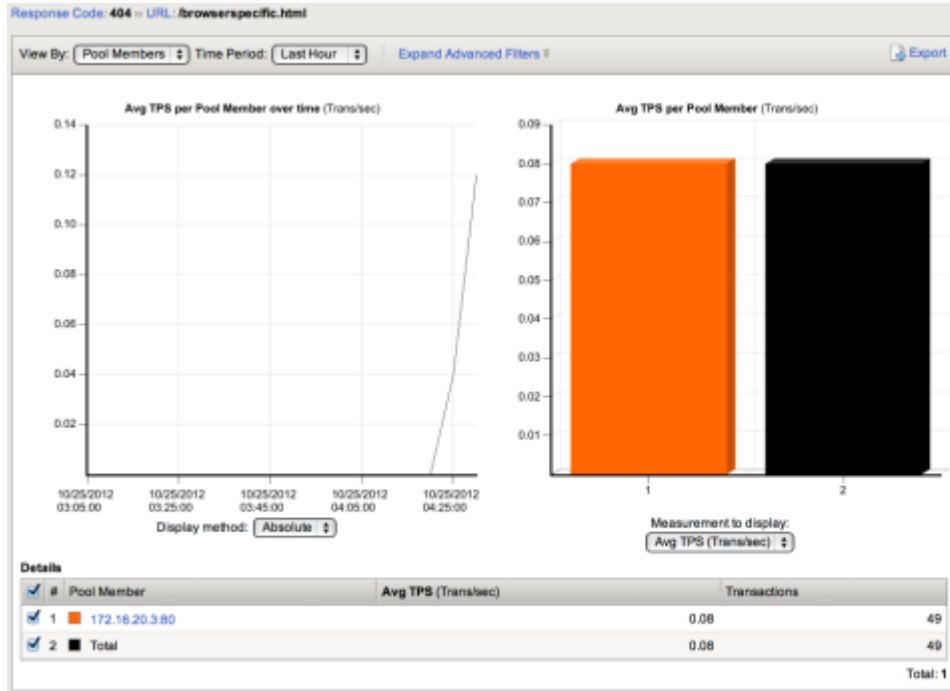**D-** enable Collected Entities, Response Codes on the analytics profile

Answer:

D

Question 12

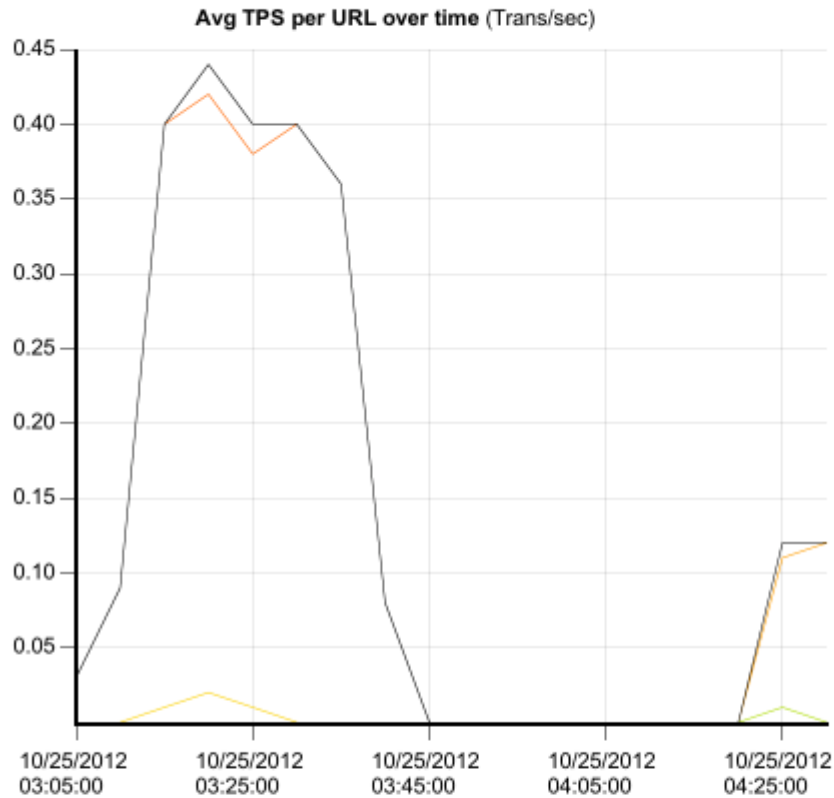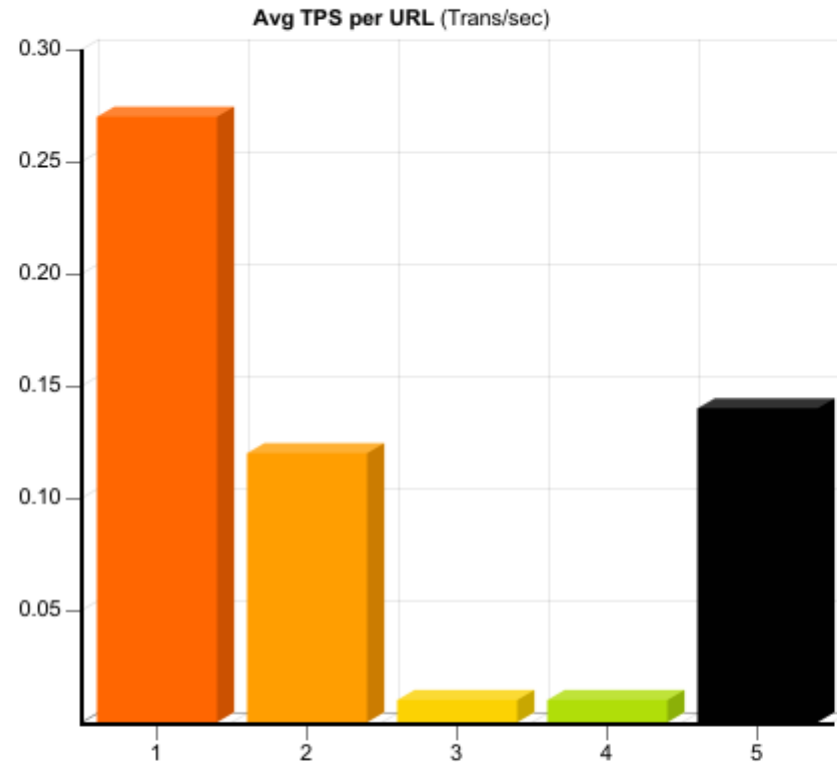**Question Type:** **MultipleChoice**

-- Exhibit --

Response Code: **404** : URL: /browserspecific.html

View By: [Pool Members] Time Period: [Last Hour]   Expand Advanced Filters   Export

Avg TPS per Pool Member over time (Trans/sec)

Avg TPS per Pool Member (Trans/sec)

Display method: [Absolute]

Measurement to display:
[Avg TPS (Trans/sec)]

Details

✔	#	Pool Member	Avg TPS (Trans/sec)	Transactions
✔	1	172.16.20.3:80	0.08	49
✔	2	Total	0.08	49
				Total: 1

Response Code: **404**

View By: [Pool Members] Time Period: [Last Hour]   Expand Advanced Filters   Export

Avg TPS per Pool Member over time (Trans/sec)

Avg TPS per Pool Member (Trans/sec)

Display method: [Absolute]

Measurement to display:
[Avg TPS (Trans/sec)]

Details

✔	#	Pool Member	Avg TPS (Trans/sec)	Transactions
✔	1	172.16.20.2:80	0.14	734
✔	2	172.16.20.3:80	0.13	680
✔	3	Total	0.26	1,414
				Total: 2

Response Code: **404** : URL: /te

View By: [Pool Members]

Avg TPS per

Details

✔	#	Pool Member
✔	1	172.16.20.3:80
✔	2	172.16.20.2:80
✔	3	Total

View By: [URLs ⇕] Time Period: [Last Hour ⇕] Expand Advanced Filters ⇟ 🖶 Export

View By: [Application]

Avg TPS per URL over time (Trans/sec)

Display method: [Absolute ⇕]

Avg TPS per URL (Trans/sec)

Measurement to display:
[Avg TPS (Trans/sec) ⇕]

Av

Details

☑	#	URL	Avg TPS (Trans/sec)	Transactions
☑	1	🟧 /favicon.ico	0.27	650
☑	2	🟧 /text.one	0.12	69
☑	3	🟨 /not-logged-in.php	0.01	11
☑	4	🟩 /text.txt	0.01	4
☑	5	⬛ Total	0.14	734

Details

☑	#	Application
☑	1	🟧 <Unassig
☑	2	⬛ Total

Total: 4

-- Exhibit --

Refer to the exhibits.

Which two servers are missing two frequently used URLs? (Choose two.)