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QUESTION 1

As a part of the Setup Utility, the administrator sets the host name for the BIG-IP. What would be the result if the two systems in a redundant pair were set to the same host name?

A. Host names do not matter in redundant pair communication.

B. In a redundant pair, the two systems will always have the same host name. The parameter is synchronized between the systems.

C. The first time the systems are synchronized the receiving system will be assigned the same self-IP addresses as the source system.

D. When the administrator attempts to access the configuration utility using the host name, they will always connect to the active system.

Correct Answer: C

QUESTION 2

What is the purpose of provisioning?

A. Provisioning allows modules that are not licensed to be fully tested.

B. Provisioning allows modules that are licensed be granted appropriate resource levels.

C. Provisioning allows the administrator to activate modules in non-standard combinations.

D. Provisioning allows the administrator to see what modules are licensed, but no user action is ever required.

Correct Answer: B

QUESTION 3

Assume a client\\'s traffic is being processed only by a NAT; no SNAT or virtual server processing takes place. Also assume that the NAT definition specifies a NAT address and an origin address while all other settings are left at their defaults. If a client were to initiate traffic to the NAT address, what changes, if any, would take place when the BIG-IP processes such packets?

A. The source address would not change, but the destination address would be translated to the origin address.

B. The destination address would not change, but the source address would be translated to the origin address.

C. The source address would not change, but the destination address would be translated to the NAT\\'s address.

D. The destination address would not change, but the source address would be translated to the NAT\\'s address.

Correct Answer: A

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QUESTION 4

The incoming client IP address is 195.64.45.52 and the last five connections have been sent to members A, C, E, D and B. Given the virtual server, pool, and persistence definitions and statistics shown in the above graphic, which member will be used for the next connection?

Persistence Table
All entries for the one virtual server and pool

Persistence Values	Member	Age (Seconds)
200.10.0.0	10.10.20.1:80	63
201.12.0.0	10.10.20.3:80	43
153.15.0.0	10.10.20.2:80	76
205.12.0.0	10.10.20.4:80	300
195.64.0.0	10.10.20.3:80	22
198.22.0.0	10.10.20.5:80	176
214.77.0.0	10.10.20.1:80	43

Web_Pool Statistics

Member	Member Ratio	Member Priority	Outstanding Layer 7 Requests	Connection Count	Status
10.10.20.1:80	3	5	6	18	Available
10.10.20.2:80	3	5	6	12	Available
10.10.20.3:80	3	5	12	5	Disabled
10.10.20.4:80	1	1	8	19	Offline
10.10.20.5:80	1	1	4	9	Available

Virtual Server, Pool and Persistence Profile Settings

VS_Web_Pool Settings		Web_Pool Settings		Source Persist Settings	
Destination	172.160.22.3:80	Load Balancing	Least Connections	Mode	Source Address
Profile(s)	TCP	Priority Activation	Less than 2	Netmask	255.255.0.0
Pool	Web_Pool	Montitor	Done	Timeout	360 seconds
iRules	None				
Persistence	Source_Persist				

A. 10.10.20.1:80

B. 10.10.20.2:80

C. 10.10.20.3:80

D. 10.10.20.4:80

E. 10.10.20.5:80

F. It cannot be determined with the information given.

Correct Answer: C

QUESTION 5

![Pass2Lead](https://Pass2Lead.com)
Which is an advantage of terminating SSL communication at the BIG-IP rather than the ultimate web server?

A. Terminating SSL at the BIG-IP can eliminate SSL processing at the web servers.

B. Terminating SSL at the BIG-IP eliminates all UN-encrypted traffic from the internal network.

C. Terminating SSL at the BIG-IP eliminates the need to purchase SSL certificates from a certificate authority.

D. Terminating SSL at the BIG-IP eliminates the need to use SSL acceleration hardware anywhere in the network.

Correct Answer: A

QUESTION 6

How is persistence configured?

A. Persistence is an option within each pool\\'s definition.

B. Persistence is a profile type; an appropriate profile is created and associated with virtual server.

C. Persistence is a global setting; once enabled, load-balancing choices are superseded by the persistence method that is specified.

D. Persistence is an option for each pool member. When a pool is defined, each member\\'s definition includes the option for persistence.

Correct Answer: B

QUESTION 7

Assuming there are open connections through an active system\\'s NAT and a fail-over occurs, by default, what happens to those connections?

A. All open connections will be lost.

B. All open connections will be maintained.

C. The "Mirror" option must be chosen on the NAT and the setting synchronized prior to the connection establishment.

D. Long-lived connections such as Telnet and FTP will be maintained while short-lived connections such as HTTP will be lost.

E. All open connections are lost, but new connections are initiated by the newly active BIG-IP, resulting in minimal client downtime.

Correct Answer: B

QUESTION 8

How is persistence configured?

A. Persistence is an option within each pool\\'s definition.

B. Persistence is a profile type; an appropriate profile is created and associated with virtual server.

C. Persistence is a global setting; once enabled, load-balancing choices are super-ceded by the persistence method that is specified.

D. Persistence is an option for each pool member. When a pool is defined, each member\\'s definition

includes the option for persistence.

Correct Answer: B

QUESTION 9

A site has six members in a pool. Three of the servers are new and have more memory and a faster processor than the others. Assuming all other factors are equal and traffic should be sent to all members, which two load-balancing methods are most appropriate? (Choose two.)

A. Ratio

B. Priority

C. Observed

D. Round Robin

Correct Answer: AC

QUESTION 10

Which statement is true concerning SNAT\\'s using auto-map?

A. Only specified self-IP addresses are used as automap addresses.

B. SNATs using automap will translate all client addresses to an automap address.

C. A SNAT using automap will preferentially use a floating self-IP over a non-floating self-IP.

D. A SNAT using automap can be used to translate the source address of all outgoing traffic to the same address regardless of which VLAN the traffic is sent through.

Correct Answer: C

QUESTION 11

A virtual server is defined per the charts. The last five client connections were to members C, D, A, B, B. Given the conditions shown in the above graphic, if a client with IP address 205.12.45.52 opens a connection to the virtual server, which member will be used for the connection?

VS_Web_Pool Settings		Web_Pool Parameters	
Destination:	10.10.20.100:80	Load Balancing	Least Connections
Profiles:	TCP, HTTP	Priority Group Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
Persistence:	None		

Web_Pool Member Statistics and Settings					
Member	Member Ratio	Member Priority	Outstanding Requests	Current Connections	Status
A: 172.16.20.1:80	3	5	4	56	Unavailable
B: 172.16.20.2:80	3	4	4	42	Available
C: 172.16.20.3:80	3	5	4	54	Unavailable
D: 172.16.20.4:80	1	3	1	22	Available
E: 172.16.20.5:80	1	1	1	18	Available

A. 172.16.20.1:80

B. 172.16.20.2:80

C. 172.16.20.3:80

D. 172.16.20.4:80

E. 172.16.20.5:80

Correct Answer: D

QUESTION 12

Which two statements are true about SNATs? (Choose two.)

A. SNAT\\'s are enabled on all VLANs, by default.

B. SNAT\\'s can be configured within a Profile definition.

C. SNAT\\'s can be configured within a Virtual Server definition.

D. SNAT\\'s are enabled only on the VLAN where origin traffic arrives, by default

Correct Answer: AC

QUESTION 13

Generally speaking, should the monitor templates be used as production monitors or should they be customized prior to use?

A. Most templates, such as http and tcp, are as effective as customized monitors.

B. Monitor template customization is only a matter of preference, not an issue of effectiveness or performance.

C. Most templates, such as https, should have the receive rule customized to make the monitor more robust.

D. While some templates, such as ftp, must be customized, those that can be used without modification are not improved by specific changes.

Correct Answer: C

QUESTION 14

Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the pool members?

A. No SSL certificates are required on the pool members.

B. The pool members?SSL certificates must only exist.

C. The pool members?SSL certificates must be issued from a certificate authority.

D. The pool members?SSL certificates must be created within the company hosting the BIG-IPs.

Correct Answer: B

QUESTION 15

Which statement is true concerning a functional iRule?

A. iRules use a proprietary syntax language.

B. iRules must contain at least one event declaration.

C. iRules must contain at least one conditional statement.

D. iRules must contain at least one pool assignment statement.

Correct Answer: B

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