



Practice With F5 Networks 302 Mock Test

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Question 1

Question Type: MultipleChoice

Regarding to the iQuery Statistics :

What will the following identify

The Server ?

Options:

- A- The name of the server with the specified IP address..
- B- The name of the Client PC

Answer:

A

Explanation:

In iQuery Statistics, the identifier will show the name of the server associated with the specified IP address. This information is crucial for troubleshooting and monitoring purposes as it helps in identifying the server that is being referenced in the statistics data.

Domain

iQuery Synchronization issue

Question 2

Question Type: MultipleChoice

At which port does the iQuery Communicate with the "big3d" process that exists over other F5 BIGIP System ?

Options:

- A- TCP Port 4353
- B- UDP port 688

Answer:

A

Explanation:

UDP port 688 is not the designated port for iQuery communication with the 'big3d' process on other F5 BIGIP Systems. iQuery utilizes TCP Port 4353 for its communication needs, as UDP port 688 serves a different purpose and is not associated with the iQuery functionality.

NTP Port 554

NTP Port 554 is unrelated to the communication between iQuery and the 'big3d' process on other F5 BIGIP Systems. While NTP (Network Time Protocol) uses Port 123 for time synchronization, iQuery specifically utilizes TCP Port 4353 for its communication requirements with the 'big3d' process.

iQuery communicates with the 'big3d' process over TCP Port 4353 on other F5 BIGIP Systems. This port is specifically designated for iQuery communication, allowing for the exchange of information and commands between systems efficiently.

Domain

iQuery

Question 3

Question Type: MultipleChoice

What are the main drawbacks of the Synchronization / iQuery Connection issues ?

Options:

- A- There are differences in the configuration among the Synchronization Group members
 - B- The Log messages will report different issues related to Synchronization and the iQuery Connections
 - C- The Server Configuration objects and components will be marked as unavailable or unknown
 - D- The Server Configuration objects and components will be marked as red or blue
- There is no Drawbacks
The Client will shutdown

Answer:

A, B, C, D

Explanation:

When there are differences in the configuration among the Synchronization Group members, it can lead to inconsistencies and errors in the synchronization process, causing issues with data consistency and reliability.

Log messages reporting different issues related to Synchronization and iQuery Connections indicate that there are communication problems and potential failures in the synchronization process, which can impact the overall performance and reliability of the system.

When Server Configuration objects and components are marked as unavailable or unknown due to Synchronization or iQuery Connection issues, it can result in service disruptions, data loss, and operational inefficiencies, affecting the overall functionality of the system.

If Server Configuration objects and components are marked as red or blue due to Synchronization or iQuery Connection issues, it signifies critical errors or failures in the synchronization process, potentially leading to service outages and data inconsistencies.

Domain

iQuery - Synchronization Issues

Question 4

Question Type: MultipleChoice

Given the Following FQDN "www.F5.com ": What is the Root Domain?

Options:

A- The First Dot at the right-hand side "."

B- F5

C- www

Answer:

A

Explanation:

The root domain is the top-level domain in a fully qualified domain name (FQDN). In this case, the root domain is identified by the first dot at the right-hand side of the FQDN, which separates the top-level domain from the rest of the domain hierarchy.

Question 5

Question Type: MultipleChoice

How does the DNS Server tells the client that it will query other DNS Server ?

Options:

- A- It will set the Recursion Available "RA" bit indicating that it will query other DNSServer
- B- It will set the Recursion Available "RP" bit indicating that it will query other DNSServer

Answer:

A

Explanation:

The correct choice is A because the DNS Server informs the client that it will query other DNS Servers by setting the Recursion Available (RA) bit in the DNS message. This indicates to the client that the DNS Server is willing to perform recursive queries on behalf of the client and will query other DNS Servers if necessary.

Domain

DNS Data flow

Question 6

Question Type: MultipleChoice

What will happen when the F5 BIGIP System receive a DNS Request?

Options:

A- It checks the DNS Request Record

If the DNS Request is "A" "AAAA" "CNAME" "A6" the BIGIP Forward the DNS Request to the GTM Module to handle it

B- The GTM Module Checks the Query against the Available Wide-IP List of FQDNs

If the GTM Module finds a Wide -IP Match it will perform the GSLB Operation

C- If the GTM Didn't find a Wide-IP Match it forwards the Query to the a Pool of DNS Servers

The GTM Inspects and Checks the all responses coming from the all DNS Servers

D- If GTM finds a response contains a name that matches any Wide-IP it intercept or postpone this response and apply the GTM Operation on it then rewrite the response before sending it back to the client



Answer:

A, B, C

Explanation:

When the F5 BIG-IP system receives a DNS request, it first checks the type of record in the request (A, AAAA, CNAME, A6). If the request matches one of these types, the BIG-IP forwards the DNS request to the GTM module to handle it, as the GTM module is responsible for Global Traffic Management operations.

The GTM module then checks the DNS query against the available Wide-IP list of Fully Qualified Domain Names (FQDNs). If a match is found, the GTM module performs the Global Server Load Balancing (GSLB) operation to ensure efficient traffic distribution across the available resources.

If the GTM module does not find a match in the Wide-IP list, it forwards the query to a pool of DNS servers. The GTM inspects and checks all responses coming from these DNS servers to ensure accurate and reliable DNS resolution for the client's request.

In case the GTM module finds a response from the DNS servers that contains a name matching any Wide-IP, it intercepts or postpones this response. It then applies the GTM operation on it, rewrites the response as needed, and sends it back to the client. This process ensures that the client receives the correct and optimized response for their DNS request.

Question 7

Question Type: MultipleChoice

What is the default value for the DNS Profile feature "Logging profile"?

Options:

- A- No default value
- B- Logging is enabled
- C- Logging is disabled

Answer:

A

Explanation:

The default value for the DNS Profile feature 'Logging profile' is set to have no default value. This means that the logging profile must be explicitly configured by the user according to their specific requirements.

Domain

Logging

Question 8

Question Type: MultipleChoice

What is the Command required to check the health monitored that is named "New_monitor " with type http?

Options:

- A- tmsh list /gtm monitor http New_monitor
- B- tmsh list /gtm monitor ftp New_monitor
- C- tmsh list /gtm monitor http health_monitor

Answer:

A

Explanation:

The correct command to check the health monitored named 'New_monitor' with type http is 'tmsh list /gtm monitor http New_monitor'. This command specifically lists the details of the http

monitor named 'New_monitor' and provides information on its configuration and status.

Domain

Health Monitor

Question 9

Question Type: MultipleChoice

What is the command required to check the CPU Usage of the mcpd process ?

Options:

A- `top -p `pidof mcpd``

B- `bottom -p `pidof mcpd``

Answer:

A

Explanation:

The command '`top -p `pidof mcpd``' is correct because it allows you to check the CPU usage of the mcpd process. The 'top' command displays real-time information about system processes, and the '-p' flag specifies the process ID (PID) to monitor. The backticks around 'pidof mcpd' execute the 'pidof' command to retrieve the PID of the mcpd process dynamically.

Domain

iQuery Synchronization issue

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