

F5 Networks

302
BIG-IP DNS Specialist

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Question: 1

For global DNS deployment, an architect must prioritize:
Response:

- A. Centralized management
- B. Server proximity to users
- C. Uniform server hardware
- D. Single data center operation

Answer: B

Question: 2

In BIG-IP DNS, the command 'dig' is used for:
Response:

- A. Modifying DNS records
- B. Testing DNS resolution and querying DNS servers
- C. Monitoring server performance
- D. Configuring network interfaces

Answer: B

Question: 3

A 'NXDOMAIN' error in BIG-IP DNS troubleshooting indicates:
Response:

- A. Network congestion
- B. A non-existent domain
- C. A successful DNS query
- D. Server hardware issues

Answer: B

Question: 4

In F5 BIG-IP DNS, how is a 'Wide IP' typically used in implementation?
Response:

- A. As a security measure to encrypt DNS responses
- B. To direct user traffic to the closest or best-performing data center
- C. For caching DNS records locally
- D. To limit the rate of DNS requests

Answer: B

Question: 5

How can logging be utilized in troubleshooting F5 BIG-IP DNS issues?
Response:

- A. By providing real-time performance metrics
- B. To track changes in server load balancing
- C. To record detailed information about DNS queries and responses
- D. As a tool for encrypting DNS traffic

Answer: C

Question: 6

What is the first step in deploying a BIG-IP DNS configuration?
Response:

- A. Testing the configuration
- B. Setting up a secondary DNS server
- C. Updating the DNS records
- D. Defining the listener addresses

Answer: D

Question: 7

To implement health monitors in BIG-IP DNS, you need to:
Response:

- A. Configure server hardware settings
- B. Define criteria for assessing server and application health

- C. Update all DNS records manually
- D. Implement a new user interface

Answer: B

Question: 8

Implementing DNS Express in BIG-IP DNS primarily benefits:
Response:

- A. Server aesthetics and design
- B. DNS query response speed and zone transfer efficiency
- C. Reduction in physical server size
- D. Social media integration

Answer: B

Question: 9

A common misconfiguration in DNS settings often results in:
Response:

- A. Excessive bandwidth usage
- B. Delayed website loading times
- C. Incorrect routing of email
- D. Resolution failures or delays

Answer: D

Question: 10

In troubleshooting F5 BIG-IP DNS, what does a 'time-to-live' (TTL) value determine for a DNS record?
Response:

- A. The period for which a record can be cached
- B. The encryption strength of the DNS record
- C. The bandwidth used for the DNS response
- D. The number of hops a DNS query can take

Answer: A

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