F5 Networks

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Question: 1

When architecting a DNS solution, which aspect is crucial for scalability?
Response:

A. Static IP addressing
B. Hardware specifications
C. Single-point-of-failure elimination
D. Modular design

Answer: D

Question: 2

In the context of BIG-IP DNS, the primary role of a 'listener' is to:
Response:

A. Monitor system performance
B. Receive and respond to DNS queries
C. Manage user access controls
D. Encrypt data transmissions

Answer: B

Question: 3

Which of the following is a key consideration when designing a DNS solution for global application deployment?
Response:

A. Geographic distribution of DNS servers
B. Choosing the programming language
C. The color scheme of the user interface
D. The type of cabling used in data centers

Answer: A

Question: 4

Which element is vital for disaster recovery planning in DNS architecture?
Response:

A. Offsite backup DNS servers
B. Social media integration
C. High-resolution server monitors
D. Advanced cooling systems in data centers

Answer: A

Question: 5

The integration of BIG-IP DNS with cloud services is essential for:
Response:

A. Decreasing the importance of physical data centers
B. Enhancing graphic design elements
C. Providing scalable and flexible DNS solutions
D. Reducing the need for cybersecurity

Answer: C

Question: 6

A critical factor in designing a scalable DNS architecture is:
Response:

A. The color scheme of the DNS management interface
B. The brand of server hardware used
C. Ensuring redundancy in DNS server deployment
D. The physical size of the data center

Answer: C

Question: 7

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: 8

Implementing a Transparent Cache in BIG-IP DNS helps in:
Response:

A. Improving response times by caching frequent requests
B. Automating the deployment of virtual servers
C. Encrypting DNS traffic for security
D. Reducing the physical footprint of servers

Answer: A

Question: 9

Dynamic load balancing in BIG-IP DNS is implemented to:
Response:

A. Change server colors based on load
B. Adjust query distribution in real-time based on server performance
C. Monitor employee internet usage
D. Reduce the frequency of DNS queries

Answer: B

Question: 10

What is the first step in implementing a BIG-IP DNS solution?
Response:

A. Configuring Wide IPs
B. Setting up virtual servers
C. Defining listener addresses
D. Installing security certificates