

INTERVIEW QUESTIONS – F5 BIGIP DNS (GTM)

Question 1: What is Global Traffic Manager (GTM)?

Answer: The F5 BIG-IP Global Traffic Manager (GTM) system intelligently resolves names into IP addresses providing intelligent wide area application traffic management and high availability of IP applications/services running across multiple data centers. GTM adds intelligence to DNS

Question 2: What is DNSSEC?

Answer: Domain Name System Security Extensions (DNSSEC) is an industry-standard protocol that functions as an extension to the Domain Name System (DNS) protocol. GTM uses DNSSEC to guarantee the authenticity of DNS responses and to return Denial of Existence responses thus protecting your network against DNS protocol and DNS server attacks

Question 3: What is recursive Query?

Answer: With a recursive name query, the DNS client requires that the DNS server respond to the client with either the requested resource record or an error message stating that the record or domain name does not exist. The DNS server cannot just refer the DNS client to a different DNS server.

Thus, if a DNS server does not have the requested information when it receives a recursive query, it queries other servers until it gets the information, or until the name query fails. A DNS client generally makes recursive name queries to a DNS server

Question 4: What is Iterative Query?

Answer: An iterative name query is one in which a DNS client allows the DNS server to return the best answer it can give based on its cache or zone data. If the queried DNS server does not have an exact match for the queried name, the best possible information it can return is a referral (that is, a pointer to a DNS server authoritative for a lower level of the domain namespace). The DNS client can then query the DNS server for which it obtained a referral. It

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