Question1:

A. In GETVPN, the key server is responsible for managing and distributing the group keying material, including the Traffic Encryption Key (TEK). The configuration specifying which traffic to encrypt is done centrally at the key server. The key server pushes policies to the group members, ensuring consistent encryption policies across the VPN.

Question 2:

GETVPN (Group Encrypted Transport VPN) does not require an overlay routing protocol, making it unique compared to DMVPN and FlexVPN, which often require additional routing protocols to manage the overlay network. GETVPN operates at the network layer and encrypts traffic without relying on an overlay routing protocol.

DMVPN

Overall explanation

**D. Enable EIGRP next-hop-self on the hub:**

* In DMVPN Phase 3, the hub router should advertise itself as the next-hop for the spoke routers. This is achieved by enabling EIGRP next-hop-self on the hub. By doing so, the hub informs the spokes to use the hub as the next-hop for EIGRP routes, which is essential for optimal routing in a DMVPN Phase 3 setup.

**E. Add NHRP redirects on the hub:**

* In DMVPN Phase 3, NHRP redirects are used to optimize the routing and traffic flow. By adding NHRP redirects on the hub routers, they can dynamically inform the spokes about the optimal next-hop for routing updates, enhancing routing efficiency.

The "MM\_NO\_STATE" error in the output of the **show crypto isakmp sa** command typically indicates a Phase 1 (IKE) failure. In the context of the options provided:

C. The Phase 1 policy does not match on both devices.

This is a likely cause for the "MM\_NO\_STATE" error. It means that the devices at each end of the VPN tunnel are not agreeing on the Phase 1 parameters. Phase 1 parameters, such as encryption and hash algorithms, authentication methods, and lifetime values, must match between the peers for the IKE negotiation to succeed.

So, the correct answer is C. The Phase 1 policy does not match on both devices.

Reference:

https://www.cisco.com/c/en/us/support/docs/security/dynamic-multipoint-vpn-dmvpn/111976-dmvpn-troubleshoot-00.html