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**Exam** : **600-511**

**Title** : Designing with Cisco  
Network Programmability for  
ACI

**Version** : DEMO

1.Which two benefits are achieved through database sharding within the Cisco APIC cluster? (Choose two.)

- A. active-standby high availability
- B. scalability
- C. compression
- D. reliability
- E. load balancing

**Answer:** B,D

2.Which overlay protocol does Cisco AVS for vSphere use to allow the ACI fabric to extend over an existing network infrastructure?

- A. GRE
- B. IPsec
- C. NVGRE
- D. VXLAN
- E. OTV

**Answer:** D

3.Which three main problems was a host overlay system designed to address? (Choose three.)

- A. workload mobility
- B. simplified and automated workload provisioning
- C. multitenancy at scale
- D. integrate physical and virtual networking
- E. increase visibility to traffic flows
- F. better root cause analysis capabilities
- G. consolidate IT infrastructure teams

**Answer:** A,B,C

4.Which two benefits of ACI help improve the time required to deploy an application? (Choose two.)

- A. enabling software developers to create development environments similar to production
- B. eliminating the need for expensive Layer 4 to Layer 7 service appliances
- C. eliminating IP addressing from software stacks
- D. evolving the IT model from manual workflows to an application model that automates deployment, operations, and visibility

**Answer:** A,D

5.Which two ACI features assist with application service-level assurance? (Choose two.)

- A. tenant health scores
- B. Layer 4 to Layer 7 service integration
- C. Cisco APIC database sharding
- D. fabric health scores
- E. QoS

**Answer:** A,D