Vendor: Cisco

Exam Code:600-503

Exam Name: Designing with Cisco Network Programmability

Version: Demo

QUESTION 1

If the client has equipment from multiple vendors in their network, which statement about the technologies that can be used is true?

A. Cisco onePK is a good candidate because it is vendor agnostic.

B. Cisco onePK is vendor-specific and therefore cannot control all the equipment.

C. OpenFlow is not a good candidate because it is vendor-specific.

D. OpenFlow is not a good candidate because it is only for Layer 2 switches.

Correct Answer: B

QUESTION 2

Which three options are common software development methodologies? (Choose three.)

A. Fat

B. Wild West

C. Waterfall

D. Dual Vee Model

E. Scrum

Correct Answer: CDE

QUESTION 3

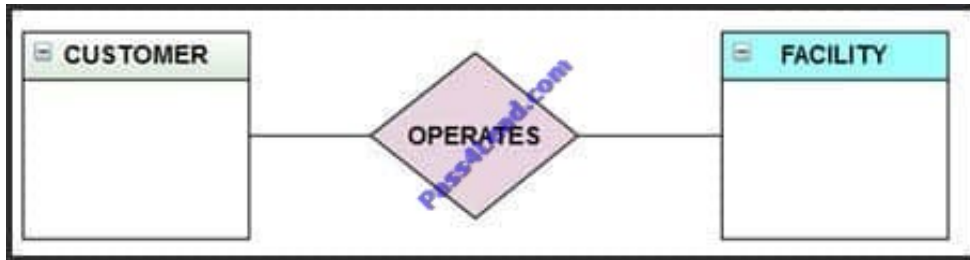Which two options are relevant considerations for infrastructure architecture? (Choose two.)

A. Router A is configured for HSRP with IPv4 and IPv6.

B. Resiliency is provided by VRRP.

C. GLBP load-balancing is based on the host-dependent method.

D. All routers have the same HSRP priority value.

E. Resiliency is provided by GBLP.

Correct Answer: BE

QUESTION 4

Exhibit:

Refer to the exhibit. It depicts a portion of an "entity-relationship diagram" that results from a detailed data modeling and analysis for an SDN application.

Which option describes what "OPERATES" refers to in terms of data modeling?

A. an action performed by some but not all customers

B. a business process definition

C. a workflow that describes the flow of information

D. a relationship between two entities, CUSTOMER and FACILITY

E. a software construct used as a place holder for future implementation

F. an action performed by all customers

Correct Answer: D

QUESTION 5

Which two protocols available for Cisco onePK applications using encrypted communications with devices? (Choose two.)

A. SSHv2

B. SNMPv3 authPriv

C. Transport Layer Security

D. Transparent Inter-process Communication

E. MD5

Correct Answer: CD

QUESTION 6

You design the application to monitor interface traffic with Cisco onePK. Which service set should be used to monitor traffic counters of interfaces?

A. utility service set

B. developer service set

C. element service set

D. policy service set

Correct Answer: C

QUESTION 7

As a network designer, you are tasked to integrate Cisco ONE capabilities in the Data Center network. Which three key capabilities must you ensure that Cisco ONE provides? (Choose three.)

A. helps ensure that the infrastructure is provisioned at the application speed

B. exposes programmatic interfaces to the infrastructure that can be used by applications, orchestration platforms, and other tools to control network behavior and to gain insight into the state of the network

C. provides complete separation of control plane and data plane

D. provides a consistent environment across physical and virtual environments to reduce operation complexity and its associated costs

E. strictly provides only OpenFlow and I2RS capabilities

Correct Answer: ABD

QUESTION 8

Which four components should be considered when gathering business requirements for a customer project? (Choose four.)

A. alignment to corporate goals

B. compliance regulations

C. development team location

D. commitments to customers

E. supplier capabilities

F. business unit providing the developers

Correct Answer: ABDE

QUESTION 9

Which UML diagram can tell you whether a class is a subclass or another class?

A. component diagram

B. class diagram

C. object diagram

D. use case diagram

E. sequence diagram

Correct Answer: B

QUESTION 10

Which option does the Agile software development process prefer?

A. use cases

B. narratives

C. user stories

D. UML diagrams

E. flow charts

Correct Answer: C

QUESTION 11

You design for an unknown VXLAN overlay in a datacenter virtualization project.

Which four features are important for the physical equipment? (Choose four.)

A. maximum VLANs supported

B. Layer 3 forwarding speed

C. Layer 2 MAC table size

D. VTEP capability

E. IBGP and EBGP support

F. onePK and REST support

G. multicast routing support

Correct Answer: BCDG

QUESTION 12

Which statement is an example of a requirement that is not well-formed?

A. The application should provide status messages every 60 seconds.

B. The application user interface must be easy to use.

C. The application must validate that the IP addresses that are input by users are valid IPv4 or IPv6 addresses.

D. The application must be available for end users between 8am and 8pm EST/EDT, Monday through Friday.

E. The application should restart within 15 seconds.

Correct Answer: B

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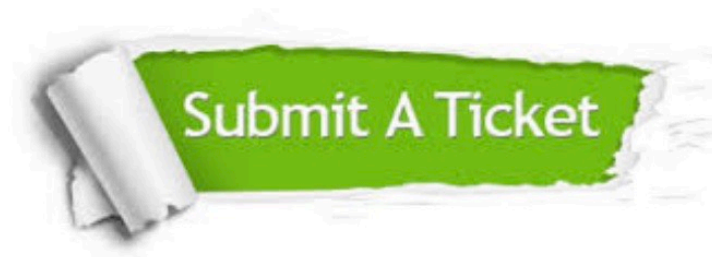
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