



Cisco

Exam 600-503

Designing with Cisco Network Programmability

Version: 6.0

[Total Questions: 60]

Question No : 1

Which two advantages of an overlay network that consists of virtual switches on supervisors compare with those of physical networks? (Choose two.)

- A. Ability to change the logical network topology more easily.
- B. Ability to experience higher performance of traffic forwarding.
- C. Overlay networks integrate with virtual machines more closely
- D. They can support more routing protocols.
- E. They are more secure.

Answer: A,C

Question No : 2

Which two options are challenges to migrate a traditional network to an SDN type of network? (Choose two.)

- A. would cost to replace traditional network devices to new devices
- B. would need more operators to run a more complicated network
- C. would need operators with more programming skill
- D. would need more bandwidth to secure redundant paths
- E. would need to remove existing network management tools

Answer: A,C

Question No : 3

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.

Answer: B

Question No : 4

Which option is a requirement represented in an Agile software development methodology?

- A. interviews
- B. product functions
- C. product requirements document
- D. user stories
- E. home stenographer

Answer: D

Question No : 5

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

Answer: A,B,D,E

Question No : 6

In the Agile software development process, which two principles align with customer communications? (Choose two.)

- A. Software releases are held until quality gates are met.
- B. Co-location of business-focused individuals and developers for face-to-face conversation is best.
- C. Key developers should have a proxy that intercepts rapidly changing requirements.
- D. Customer requirements are fully collected before development ensues.

E. Changing requirements are welcome, even late in development.

Answer: B,E

Question No : 7

Which role represents the voice of the customer in the Scrum software development framework?

- A. development team
- B. Scrum master
- C. project wing
- D. product owner
- E. customer centre

Answer: D

Question No : 8

Which three options are common programmability and automation requirements for the research academia, cloud service providers, and enterprise segments? (Choose three.)

- A. network slicing
- B. scaling multitenancy
- C. resource automation and orchestration
- D. harvesting network intelligence
- E. service delivery

Answer: A,B,C

Question No : 9

Which technology is vendor-specific?

- A. Cisco onePK
- B. OpenFlow
- C. BGP-LS

D. OpenStack

Answer: A

Question No : 10

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.

Answer: B

Question No : 11

Which documentation is required for high impact/low probability risks analysis?

- A. back-out plan
- B. contingency plan
- C. documented reboot process
- D. after action report
- E. OPEX analysis report

Answer: B

Question No : 12

Which option about QoS polices created by Cisco onePK policy service set is true?

- A. Polices do not show up in device configuration and persist until the device is reloaded.
- B. Policies do not show up in device configuration and are removed when onePK application sessions are disconnected.
- C. Policies show up in device configuration and persist until the device is reloaded.
- D. Policies show up in device configuration and are removed when onePK application

sessions are disconnected.

Answer: B

Question No : 13

Which three categories are policy capabilities of onePK? (Choose three.)

- A. global capabilities
- B. local capabilities
- C. pipeline capabilities
- D. platform capabilities
- E. table capabilities

Answer: A,C,E

Question No : 14

Which three sets of information are included in policy capabilities of onePK? (Choose three.)

- A. the order of policies from ingress to egress
- B. support to set MPLS EXP
- C. support to set Layer 2 CoS
- D. support to set source MAC address
- E. ability to consume CDP tags
- F. ability to set a session profile keychain

Answer: A,B,C

Question No : 15

You review a Cisco onePK-based application and you notice that the VTY Service Set is used to collect interface statistics.

Which recommendation can you make to better leverage the programmatic capabilities of Cisco onePK?

- A. Optimize the regular expression syntax.
- B. Limit VTY Service Set usage to commands that return less than five lines of output.
- C. Collect interface statistics using the native onePK APIs.
- D. Always develop onePK-based application in multiple programming languages.
- E. Use the Utility Service Set instead of the VTY Service Set.

Answer: C

Question No : 16

Which three methods are requirements for Cisco onePK Java APIs? (Choose three.)

- A. Read the release notes included in the SDK.
- B. Browse API documentation on developer.cisco.com.
- C. Get the list of class files included in the SDK.
- D. Utilize the eclipse code assist feature.
- E. Learn how to implement reading tutorial codes.

Answer: B,D,E

Question No : 17

Which option does the Agile software development process prefer?

- A. use cases
- B. narratives
- C. user stories
- D. UML diagrams
- E. flow charts

Answer: C

Question No : 18

Which three options are advantages to deploying an SDN hybrid model? (Choose three.)

- A. network resiliency by traditional routing protocols

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