


Vendor: Cisco

Exam Code: 650-754

Exam Name: Advanced IP NGN Architecture System Engineer

Version: Demo

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QUESTION NO: 1

What are the two primary access technologies that are used for residential customers? (Choose two.)

- A. Metro Ethernet
- B. 3G and 4G mobile access
- C. Cable
- D. xDSL
- E. WiMax

Answer: C,D Explanation:

QUESTION NO: 2

Which management platform is used for managing the experience lifecycle in Cisco product offering?

- A. Cisco Prime NCS
- B. Cisco Works LMS version 4.0
- C. Cisco Secure Manager
- D. Cisco SDM

Answer: B Explanation:

QUESTION NO: 3 DRAG DROP

Match the routers by their forwarding performance. (1 is the lowest and 5 is the highest.)

C. GRE

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Explanation:

ROI 4

TCO₂

CapEx 1

OpEx 3

QUESTION NO: 7

Identify the two advantages that the Cisco IP NGN framework provides. (Choose two.)

- A. various services over a common infrastructure
- B. narrowband access with a limited number of services
- C. mobile access to services
- D. no QoS mechanism required for end customer traffic

Answer: A,C Explanation:

QUESTION NO: 8

Which three statements are true about DHCPv6? (Choose three.)

- **A.** DHCPv6 is used to automate the process of assigning the prefixes to the customer network.
- **B.** DHCPv6 is used to automate the process of assigning the prefixes to the ISP core network.
- C. Prefix delegation happens between a P and CP
- D. Prefix delegation happens between a PE and CP
- **E.** The customer can customize the subnet and assign the prefixes to the link.

Answer: A,D,E Explanation:

QUESTION NO: 9

What are the two main advantages of IP NGN networks for service providers? (Choose two.)

- **A.** simplified management of one converged network, as opposed to multiple management systems for multiple networks
- **B.** diversification of network infrastructure, where every service is provided over independent and separately managed networks
- C. reduced expenditures
- D. reduced flexibility

Answer: A,C Explanation:

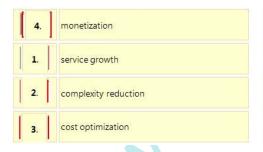
QUESTION NO: 10 DRAG DROP

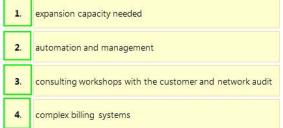
Match each term on the left to its explanation on the right.

monetization
service growth
complexity reduction
cost optimization



Answer:





Explanation:

Complexity reduction 2
Cost Optimization 3
Service Growth 1
Monetization 4

QUESTION NO: 11

In a Cisco IP NGN business transformation, what is the main focus when you are considering a subscription for the customer?

- A. a free promotional subscription
- B. tiered subscriptions to value-added services
- C. unlimited traffic
- D. time-of-day diversity subscriptions

Answer: B Explanation:

QUESTION NO: 12

Which three statements about IPv6 Rapid Deployment 6rd are true? (Choose three.)

- **A.** ISP must introduce the changes into the core network.
- B. IPv6 Rapid Deployment 6rd is a modified 6-to-4 protocol.
- C. IPv6 Rapid Deployment 6rd uses a user-defined prefix.
- **D.** IPv6 Rapid Deployment 6rd encapsulates IPv6 in ISP network in IPv4 between ISP 6rd gateway and CP
- E. 6rd addresses can include 32 bits taken from the customer IPv4 address.

Answer: B,D,E Explanation:

QUESTION NO: 13

Which software platform is the foundation of IOS XR?

- A. QNX
- **B.** Linux
- C. FreeBSD
- D. Mac
- E. Windows

Answer: A Explanation:

QUESTION NO: 14

Which two platforms support IOS XE? (Choose two.)

- A. All ASR platforms
- B. ASR 1000 Series
- C. ASR 9000 Series
- D. ASR 900 Series
- E. Nexus Series

Answer: B,D Explanation:

QUESTION NO: 15

Which three services are included in the Cisco Evolving Service Provider Support Services model for IP NGN? (Choose three.)

- A. Cisco Assurance Services
- **B.** Cisco Network Optimization Services
- C. Cisco Web Resource Services
- D. Cisco Focused Technical Support Services
- E. Cisco Network Visibility Services

Answer: A,B,D Explanation:

QUESTION NO: 16 DRAG DROP

Match each fixed service on the left to the correct explanation on the right.

Software Risk Analysis	1.	Provides the upgrade to a bigger device, and consists of a site survey, staging, installation, and implementation testing
Upgrade and Refresh	2.	Ensures a verification of a jointly agreed test plan for functionality, scalability, and interoperability of a release in Cisco lab.
Installation and Commission	3.	Identifies the list of the known software defects specific to the customer environment.
Release and Verification	4.	Fixed-pricing offering of the configuration conversion, migration assistant, and remote support.

2. Software Risk Analysis	1.	Provides the upgrade to a bigger device, and consists of a site survey, staging, installation, and implementation testing.
4. Upgrade and Refresh	2.	Ensures a verification of a jointly agreed test plan for functionality, scalability, and interoperability of a release in a Cisco lab.
1. Installation and Commission		Identifies the list of the known software defects specific to the customer environment.
3. Release and Verification	4.	Fixed-pricing offering of the configuration conversion, migration assistant, and remote support.

Explanation:

Software Risk Analysis 2
Upgrade and Refresh 4
Installation and Commission 1
Release and Verification 3

QUESTION NO: 17

What is the purpose of the IP NGN access layer?

- A. It terminates subscriber access lines.
- B. It provides fast switching capability.
- C. It handles VPN access.
- **D.** It aggregates subscriber access.

Answer: A Explanation:

QUESTION NO: 18

What are three of the key competitive differentiators of the Cisco Prime suite? (Choose three.)

- A. drag-and-drop troubleshooting
- **B.** API availability
- C. detailed multi-layer network models
- **D.** devices zero-touch discovery
- E. most of the information is presented via the GUI
- F. increase of TCO

Answer: B,D

QUESTION NO: 19

What are the two benefits of IPv6? (Choose two.)

- A. end-to-end connectivity
- B. long-term growth
- C. address translation
- **D.** fragmentation

Answer: A,B Explanation:

QUESTION NO: 20

What are the three major categories of radio access networks? (Choose three.)

- A. broadband radio access infrastructure
- **B.** Gigabit Ethernet
- C. UMTS and LTE environments
- **D.** WiMAX
- E. WLAN

Answer: A,C,D Explanation:

QUESTION NO: 21

What is the benefit of cloud services for users?

- **A.** The distribution of storage systems.
- **B.** The irrelevance of physical location and configuration of underlying systems.
- **C.** Data access is protected by strong encryption algorithms and unauthorized access is prevented by centralized authentication systems.
- **D.** It is specially tailored for mobile users.

Answer: A

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