

Cisco 650-754

Advanced IP NGN Architecture System Engineer

Version: 4.2

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.)

	3800 Series	1.	3
	7200 Series	2.	4
	7600 Series	3.	1
	ASR 1000 Series	4.	5
	CRS	5.	2

Answer:

1.	3800 Series	1.	3
2.	7200 Series	2.	4
4.	7600 Series	3.	1
3.	ASR 1000 Series	4.	5
5.	CRS	5.	2

Explanation: 3800 1**7200 2****7600 4****ASR 1000 Series 3****CRS 5****QUESTION NO: 4**

Which two protocols that can establish secure tunnels are supported over PPPoE dialer interface?

(Choose two)

- A. IPsec
- B. VPN
- C. GRE

- D. IPS
- E. NAC

Answer: A,C

Explanation:

QUESTION NO: 5

What is a key value of the Cisco IP NGN architecture?

- A. instability
- B. robustness
- C. safety
- D. scalability

Answer: D

Explanation:

QUESTION NO: 6 DRAG DROP

Match the terms on the left to the explanations on the right.

<input type="checkbox"/>	CapEx	1.	Expenditures creating future benefits.
<input type="checkbox"/>	OpEx	2.	All hardware and software, and their installation, integration, migration, warranties, licenses, purchasing research, and risks.
<input type="checkbox"/>	TCO	3.	Ongoing cost for running a product, business, or system.
<input type="checkbox"/>	ROI	4.	Ratio of money gained or lost on an investment relative to the amount of money invested.

Answer:

[1.]	CapEx	1.	Expenditures creating future benefits.
[3.]	OpEx	2.	All hardware and software, and their installation, integration, migration, warranties, licenses, purchasing research, and risks.
[2.]	TCO	3.	Ongoing cost for running a product, business, or system.
[4.]	ROI	4.	Ratio of money gained or lost on an investment relative to the amount of money invested.

Explanation:

ROI 4

TCO 2

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.

<input type="checkbox"/>	monetization	1.	expansion capacity needed
<input type="checkbox"/>	service growth	2.	automation and management
<input type="checkbox"/>	complexity reduction	3.	consulting workshops with the customer and network audit
<input type="checkbox"/>	cost optimization	4.	complex billing systems

Answer:

4.	monetization	1.	expansion capacity needed
1.	service growth	2.	automation and management
2.	complexity reduction	3.	consulting workshops with the customer and network audit
3.	cost optimization	4.	complex billing systems

Explanation:

Complexity reduction 2

Cost Optimization 3

Service Growth 1

Monetization 4

Identify Customer Needs and Pain Points

Key Customer Needs	Key Customer Needs
Constant innovation	Constant pressure from competition requires investment in new services and content
Monetization	Complex billing systems
Cost optimization	Consulting workshops with the customer; network audit
Complexity reduction	Automation and management
Service Growth	Expansion capacity needed

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