Vendor: Cisco

Exam Code: 650-754

Exam Name: Advanced IP NGN Architecture System Engineer

Version: Demo

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
76004
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.

	CapEx	1.	Expenditures creating future benefits.
	OpEx	2.	All hardware and software, and their installation, integration, migration, warranties, licenses, purchasing research, and risks.
	TCO	3.	Ongoing cost for running a product, business, or system.
	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.

	monetization		1.	expansion capacity needed
	service growth		2.	automation and management
	complexity reduction		3.	consulting workshops with the customer and network audit
	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

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 a 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	3.	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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