JN0-1101.65q

JN0-1101

Design, Associate (JNCDA)

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QUESTION 1

When discussing network reliability, what does the term “five nines” mean?

A. The network is up 99.999% of the time.

B. The network is up .99999% of the time.

C. The network is up 9.9999% of the time.

D. The network is up .09999% of the time.

Correct Answer: A

QUESTION 2

Which component triggers the quarantine of an infected endpoint?

A. ALG

B. firewall

C. Policy Enforcer

D. switch

Correct Answer: C

QUESTION 3

You are in the process of developing a business continuity plan for your network design. You must analyze data about weather patterns, maintenance history pertaining to leased buildings, and the frequency of power failures. For

which purpose would you collect this information?

A. risk assessment

B. redundancy

C. high availability

D. disaster recovery

Correct Answer: A

QUESTION 4

You are asked to provide a design proposal for a service provider network. The design must ensure that customers are able to send Layer 2 traffic between sites. In

this scenario, which VPN technology would be used to accomplish this task?

A. IPsec VPN

B. Layer 3 VPN

C. GRE

D. EVPN

Correct Answer: D

QUESTION 5

You are asked to evaluate a WAN design for a corporation with a focus on cost, security, and the ability to have direct adjacencies between your remote sites.

Which two solutions would meet the requirements? (Choose two.)

A. MPLS Layer 3 VPN

B. GRE tunnels over the Internet

C. VPLS Layer 2 VPN

D. IPsec tunnels over the Internet

Correct Answer: CD

QUESTION 6

You are asked to provide a design proposal for an enterprise customer that currently has a three-tier switching infrastructure. The customer wants your design to collapse their Layer 2 infrastructure into two distinct layers.

In this scenario, what are two benefits of moving to the new infrastructure? (Choose two.)

A. The total number of devices is increased.

B. The overall network performance is increased.

C. The number of connections between devices is decreased.

D. The number of protocols used is decreased.

Correct Answer: BC

QUESTION 7

You are designing a data center network that will require the rapid deployment and removal of security features between virtual machines based on triggered traffic flows. The data center will require the ability to scale up and down rapidly

according to traffic load, and then release resources when security services are not needed. In this scenario, which type of security design would fulfill this requirement?

A. a centralized security appliance

B. a container-based security deployment

C. a physical security device connected to each host

D. an all-in-one virtual security device in each host

Correct Answer: B

QUESTION 8

Which tool in a Juniper Networks SDSN solution is responsible for telling Juniper and third-party network switches to block a threat in real time?

A. Policy Enforcer

B. Sky ATP

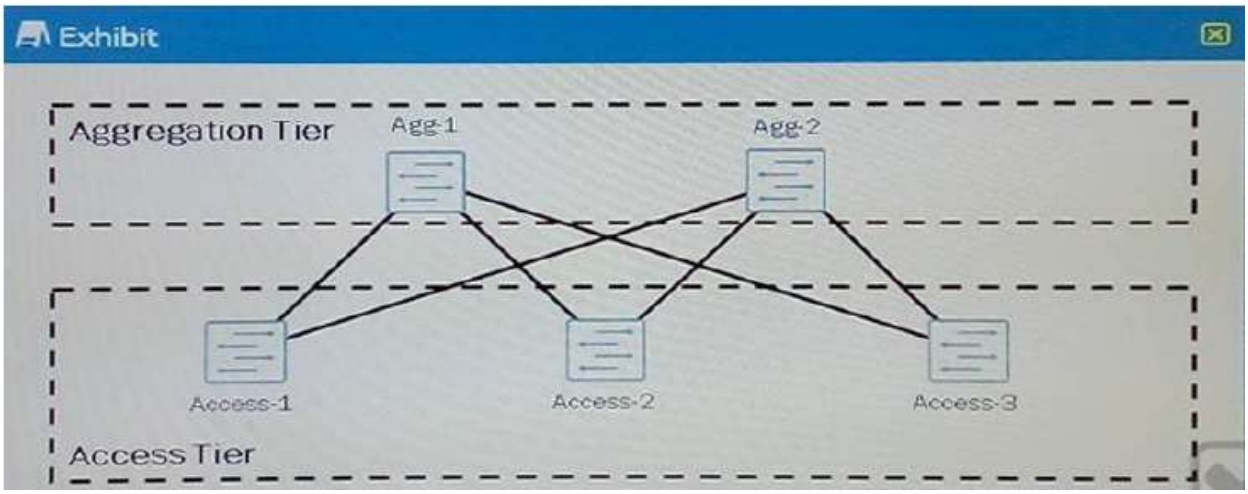
C. Juniper Secure Analytics

D. SRX Series device

Correct Answer: B

QUESTION 9

Click the Exhibit button.



Referring to the exhibit, you are designing a Layer 2 data center and you want to make sure that all the links between the access tier and the aggregation tier are used.

What should you do to accomplish this task?

A. Use VRRP on Agg-1 and Agg-2.

B. Place Agg-1 and Agg-2 in a Virtual Chassis.

C. Use RSTP on all devices.

D. Use BGP load balancing on all devices.

Correct Answer: B

QUESTION 10

Which Juniper automation tool enables administrators to write custom Python scripts that use the Junos XML API?

A. REST Explorer

B. JSNAPy

C. JET

D. PyEZ

Correct Answer: D

QUESTION 11

What are two phases in Juniper's lifecycle approach when designing a network? (Choose two.)

A. plan

B. build

C. buy

D. oversee

Correct Answer: AB

QUESTION 12

You are designing a WAN implementation to securely connect two remote sites to the corporate office. A public Internet connection will be used for the connections. Which statement is true in this situation?

A. The connection should be secured using IPsec.

B. The WAN edge devices must support MPLS.

C. The connections support Layer 2 traffic bridging.

D. The service provider can isolate traffic in a private MPLS instance.

Correct Answer: A

QUESTION 13

What is the first step of business continuity planning?

A. know your network

B. test the plan

C. assess the risk

D. formulate the plan

Correct Answer: A

QUESTION 14

What are two features used to enable high availability? (Choose two.)

A. VRRP

B. chassis clustering

C. full-duplex mode

D. SNMP

Correct Answer: AB

QUESTION 15

You are evaluating an existing network to determine requirements for a network upgrade. In this scenario, which statement is true?

A. A network baseline identifies devices that do not have redundant components.

B. A network baseline identifies traffic growth patterns across network devices.

C. A network baseline identifies how many users are connected to the network.

D. A network baseline identifies the type and level of traffic load on the network.

Correct Answer: D

QUESTION 16

You are performing a risk assessment for a network design. Which statement is true in this scenario?

A. Some risks can be safely ignored.

B. The likelihood of a risk occurring should not be considered.

C. A network must be designed for an uptime of five nines.

D. All identified risks must have a mitigation plan in place.

Correct Answer: A

QUESTION 17

What are three examples of physical security? (Choose three.)

A. security cameras

B. access door keypads

C. a mantrap

D. man in the middle

E. intrusion detection and prevention

Correct Answer: ABC

QUESTION 18

Which two statements are true regarding a Virtual Chassis? (Choose two.)

A. A Virtual Chassis must be configured on the same series but not the same model.
B. B. A Virtual Chassis supports up to 10 participating devices.
C. C. A Virtual Chassis supports only two participating devices.
D. D. A Virtual Chassis can be configured on mixed series and models.

Correct Answer: BD

QUESTION 19

Which two statements are true regarding greenfield projects? (Choose two.)

A. The amount of floor space and cooling are not defined as part of a greenfield project.

B. In greenfield projects, the existing floor space and cooling may need to be considered.

C. Greenfield projects are typically new networks with few or no restraints to consider.

D. Greenfield projects typically consist of existing network components with extensive integration required.

Correct Answer: AC

QUESTION 20

Which two pieces of information should be included in an RFP response? (Choose two.)

A. a list of contributing material including technical publications, training guides, and courseware used to build the proposed design

B. design details including information about the devices, protocols, and technologies included in the proposed design

C. configuration details including proposed devices, protocols, and technologies included in the proposed design

D. a network topology including a high-level logical design as well as low-level physical design of the proposed network

Correct Answer: BD

QUESTION 21

Which two features would cause latency in a WAN connection? (Choose two.)

A. IPS

B. syslog

C. telemetry

D. UTM antivirus

Correct Answer: AD

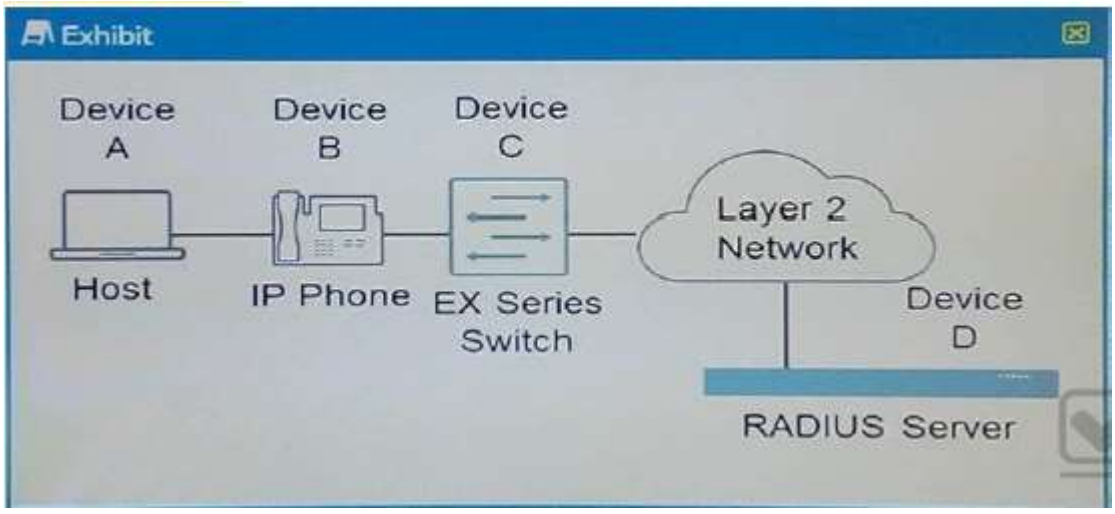
QUESTION 22

What are three environmental characteristics that affect the campus network design? (Choose three.)

A. A. transmission media characteristics
   B. distribution of users
   C. locations of wiring closets
   D. PC operating system
   E. remote site connectivity

   Correct Answer: ABC

QUESTION 23
Click the Exhibit button.



Which device plays the role of authenticator in an 802.1X design as shown in the exhibit?
A. Device C
B. Device A
C. Device D
D. Device B
Correct Answer: A

QUESTION 24

Why would you recommend Junos Space Security Director in a network design?

A. It simplifies Ethernet switch deployments and provides rapid operation of campus and data center networks.
B. It provides the power to quickly design, provision, and deliver MPLS and other Ethernet services.
C. It helps administrators to more quickly and intuitively manage all phases of a security policy life cycle.
D. It provides detection, isolation, and resolution of network faults and incidents.

Correct Answer: C

QUESTION 25
What are three types of automation scripts used on a Junos device? (Choose three.)

A. op scripts
B. commit scripts
C. boot scripts
D. event scripts
E. control scripts
Correct Answer: ABD

QUESTION 26
You are required to stop zero-day threats while designing a secure network. Files are not allowed to leave the local network. Which Juniper Networks product will accomplish this task?

A. UTM
B. Sky ATP
C. JATP
D. SDSN
Correct Answer: B

QUESTION 27

What are three components of an RFP? (Choose three.)

A. general information about the existing network environment
B. a list of devices to meet the design requirements
C. a list of design requirements
D. a list of available IP addresses within their current IP allocation
E. the types of solutions that the design must include

Correct Answer: ACE

QUESTION 28

What are two valid reasons to enable route summarization? (Choose two.)
A. to reduce routing overhead
B. to reduce the coexistence of BGP with IGPs
C. to benefit from a hierarchical IP addressing plan
D. to enable the use of more than one routing protocol

Correct Answer: AC

QUESTION 29
What are two requirements that every RFP response should include? (Choose two.)

A. a support plan that includes details about servicing the components once operational
B. a detailed competitor comparison document that indicates the proposed design is the least expensive option
C. a detailed forecast of exception handling after the design has been implemented and is operational
D. an implementation plan that includes a description of how the design will be implemented

Correct Answer: AD

QUESTION 30
What are two reasons why you would send an RFP to multiple vendors (Choose two.)
A. to eliminate vendors who cannot meet the requirements
B. to warranty the process against fraud
C. to satisfy international law requiring a minimum of three vendors
D. to compare competing proposals

Correct Answer: AD

QUESTION 31
You are asked to provide a WAN design proposal for connecting multiple customer sites. As part of your design, you want to use IPsec tunnels to ensure that traffic is private and secure. Which statement is true about the proposed solution?

A. IPsec packets can be fragmented once encrypted.
B. IPsec tunnels will require an MPLS infrastructure through the WAN.
C. IPsec can require MTU modifications to accommodate the additional overhead.
D. Packets that are passed through an IPsec tunnel are not encrypted.

Correct Answer: C

QUESTION 32
You have multiple virtual machines in a hypervisor deployment within a data center. Your client wants to enforce security measures on east-west traffic between virtual machines. Which solution should you recommend in this situation?
A. JATP
B. Sky ATP
C. Virtual Chassis
D. vSRX

Correct Answer: A

QUESTION 33
Which compliance standard must be taken into account when designing a network that will be handling credit card transactions?
A. HIPPA
B. PCI
C. FIPS
D. SOX

Correct Answer: B

QUESTION 34
Which three questions should be asked when performing a business impact analysis? (Choose three.)
A. What is the cost of both partial and full outages?
B. What is the replacement cost of the core switches?
C. Which functions and services are critical to the company's survival?
D. How many redundant data paths are there?
E. How long could an outage be sustained?

Correct Answer: ACE

QUESTION 35
When implementing a top-down design methodology, where would you begin collecting information to start the design process?

A. the CEO of the corporation
B. the Application Layer of the OSI model
C. the currently-owned network equipment
D. the WAN edge

Correct Answer: B

QUESTION 36
In a Virtual Chassis Fabric, which two platforms are supported? (Choose two.)
A. EX Series
B. SRX Series
C. MX Series
D. QFX Series

Correct Answer: AD

QUESTION 37
A customer wants to implement an automation system that can update BGP routes without commits and can make hundreds of changes per minute. Which Junos automation tool would accomplish this task?

A. REST Explorer
B. JSNAPy
C. JET
D. event scripts

Correct Answer: C

QUESTION 38
Which two statements are true about a service-centric data center model? (Choose two.)
A. A service-centric data center model pools compute resources.
B. A service-centric data center model pools storage resources.
C. A service-centric data center model does not pool storage resources.
D. A service-centric data center model does not pool compute resources.

Correct Answer: AB

QUESTION 39
What are two phases of assessment when designing network security? (Choose two.)
A. to layout a logical design
B. to layout a physical design
C. to identify requirements
D. to perform data analysis

Correct Answer: AC

QUESTION 40
Which automation tool uses the master/minion model for changes?
A. Puppet
B. Chef
C. SaltStack
D. Ansible

Correct Answer: C

QUESTION 41
As part of your automation design, you need an off-box system that will be able to monitor telemetry information. You must then use that information to dynamically update devices as needed to ensure optimal network traffic flow. Which automation solution would accomplish this goal?
A. Ruby
B. SaltStack
C. Chef
D. Puppet

Correct Answer: D

QUESTION 42
What is the name of Juniper's network management platform?
A. Junos
B. Junos Space
C. MX Series
D. Juniper Secure Analytics (JSA)
Correct Answer: B

QUESTION 43
You are developing a network monitoring strategy to track network response time and availability. The monitoring strategy should be scalable to accommodate future network growth. Which two statements are true in this scenario? (Choose two.)
A. Network reachability monitoring functions should be centralized to a dedicated monitoring device.
B. RPM allows the monitoring of reachability but does not allow delay or jitter monitoring.
C. Network reachability monitoring functions should be delegated to each network device.
D. RMON is a standardized system that is not vendor specific.

Correct Answer: AD

QUESTION 44
What information is included in an RFP issuance?

A. design requirements
B. product features
C. product positioning
D. COGS pricing

Correct Answer: A

QUESTION 45
You are asked to secure the routing engine of all Junos devices in your design. The design should not affect transit traffic. Which action will accomplish this task?
A. Use a firewall filter on a revenue port.
B. Use a firewall filter on the loopback interface.
C. Use a firewall filter on the fxp0 interfaces.
D. Use a firewall filter on the management interface.

Correct Answer: B

QUESTION 46
What are two main data center profile solution templates? (Choose two.)
A. adaptive
B. transitional
C. high-performance computing
D. enterprise IT

Correct Answer: CD
QUESTION 47

What are two characteristics of using the Virtual Chassis technology in the aggregation tier of a data center? (Choose two.)
A. You can fully use all up-links from the access tier.
B. It increases the control plane complexity.
C. If reduces the control plane complexity.
D. You cannot fully use all up-links from the access tier.

Correct Answer: AC

QUESTION 48
What are two tiers used in a traditional data center design? (Choose two.)
A. core
B. aggregation
C. compute
D. user

Correct Answer: AB

QUESTION 49

What are two guidelines when designing campus networks? (Choose two.)
A. The design must account for high control plane resources.
B. The design must allow for network resource availability.
C. The design must protect customer resources.
D. The design must allow for high bandwidth.

Correct Answer: BC

QUESTION 50

Your campus network is rolling out a BYOD policy. Your design must ensure that guest users are restricted from accessing internal network resources. Which
two actions would solve this problem? (Choose two.)
A. Guest users should be placed in an isolated guest routing instance.
B. Guest users should be placed in an isolated guest VLAN.
C. Guest users should be placed in a non-isolated guest routing instance.
D. Guest users should be placed in a non-isolated guest VLAN.

Correct Answer: AB

QUESTION 51

You are designing a network management strategy for a new network. The requirements for the management of network devices are shown below: –
Administrator passwords must have an expiration date.
– Administrators must be assigned role-specific privileges on each device. In this scenario, which statement is true?
A. Local authentication must be used on each device.
B. A centralized AAA system must be used for authentication.
C. All devices must be configured with the same privilege levels.
D. Each user must have a unique login account.

Correct Answer: B

QUESTION 52
In a network design using the traditional tiered structure, which two tiers connect to untrusted domains? (Choose two.)
A. access
B. WAN edge
C. core
D. aggregation

Correct Answer: BD

QUESTION 53
You are designing a solution to allow secure communication over the public Internet for a corporate WAN deployment. For business policy reasons, all branch-to-branch traffic must first pass through the corporate headquarters. Which
solution will work in this scenario?
A. fill mesh IPsec VPN
B. hub-and-spoke GRE VPN
C. Layer 3 VPN
D. hub-and-spoke IPsec VPN

Correct Answer: D

QUESTION 54
You are asked to provide a design proposal for a data center environment. As part of your solution, you are asked to simplify the management of the ToR EX Series switches. In
this scenario, which solution will accomplish this requirement?
A. Clos fabric
B. MC-LAG
C. Virtual Chassis
D. VRRP
Correct Answer: C

QUESTION 55

Which three steps are part of business continuity planning? (Choose three.)
A. Assess the risks.
B. Know your staff.
C. Know your network.
D. Understand your tools.
E. Test the plan.

Correct Answer: ABC

QUESTION 56
What are two main elements of a network design RFP? (Choose two.)
A. business requirements
B. staffing requirements
C. e-waste requirements
D. environmental requirements

Correct Answer: AD

QUESTION 57
What are two valid reasons to implement a network management solution within your network infrastructure? (Choose two.)
A. to increase network visibility
B. to eliminate the need for network planning
C. to reduce network operating expenditures
D. to reduce network capital expenditures

Correct Answer: AC

QUESTION 58
What does the network MTTR measure?
A. the length of time it takes to design the network
B. the length of time to build the network
C. the length of time to repair the network
D. the length of time it takes to reboot the network devices

Correct Answer: C

QUESTION 59

You are asked to propose a security solution that integrates with OpenStack, Kubernetes, and OpenShift. Which Juniper Networks product will work in this scenario?

A. Sky ATP
B. SDSN
C. Contrail Security
D. JSA

Correct Answer: C

QUESTION 60

What are three components used to enforce 802.1X in your design? (Choose three.)
A. authenticator
B. VoIP phone
C. authentication server
D. supplicant
E. edge router

Correct Answer: ACD

QUESTION 61

Which two elements of customer data would you use to determine the applications that your customer uses most often? (Choose two.)
A. business goals
B. questionnaires
C. corporate policies
D. interviews

Correct Answer: BD

QUESTION 62

What does the network MTBF indicate?
A. the speed of the network
B. the reliability of the network
C. the age of the network
D. the cost of the network

Correct Answer: B

QUESTION 63
What should be included in a network design to improve resiliency?

A. climate control systems
B. redundant power supplies
C. out-of-band management
D. in-band management

Correct Answer: B

QUESTION 64

What is a feature provided by devices in the WAN aggregation site of a large enterprise WAN deployment?
A. Internet gateway
B. MACsec
C. power redundancy
D. DHCP
Correct Answer: A

QUESTION 65

In your network design, you must ensure that all user sessions passing through an SRX Series device remain active if there is a device failure. Which mechanism will accomplish this design requirement?

A. chassis clustering
B. MC-LAG
C. Virtual Chassis
D. VRRP

Correct Answer: A