1. According to the juniper network, what is the recommended external routing protocol for the underlay network?
A. IS-IS
B. EGP
C. OSPF
D. BGP

Answer: D

2. Which two capabilities are supported with the cSRX firewall?(choose two)
A. IPS
B. routing instances
C. chassis clustering
D. Layer 2 deployment

Answer: AC

3. Which cloud CPE component manages the end-to-end path from the CPE to the central office or to another CPE?
A. service orchestration
B. infrastructure orchestration
C. physica telco cloud infrastructure
D. virtual network functions

Answer: A

4. What are two objectives of SDN?(choose two)
A. centralization of control plane
B. physical separation of the control plane from the data plane
C. centralization of the forwarding plane
D. centralization of the services plane

Answer: AB

5. What is an advantage of the Junos Telemetry Interface(JTI) over SNMP?
A. JTI can pull data more frequently
B. JTI always transfers data over HTTP
C. JTI never transfers data over UDP
D. JTI can push data more frequently

Answer: D

6. You have 100 small branch offices around the world. You must use a single pane of glass to monitor EX Series de vices for port status, ports exceeding maximum bandwidth, ports with maximum errors, and ports with maximum pa cket loss
In this scenario, which product would satisfy the requirement?
A. Contrail SD-WAN
B. Contrail SD-LAN
C. Contrail Networking
D. Contrail Cloud

Answer: A

7. Which two statements are correct about the NFV framework?(Choose two)

A. The NFV framework is defined by ANSI
B. The NFV framework is defined by ETSI
C. The NFV framework enables horizontally scalable deployments of services
D. A spine and leaf implementation is an example of the NFV framework

Answer: BC

8. Which mechanism allows tenants to interconnect across an overlay network?
A. tunnels
B. subnets
C. EBGP connections
D. P2P OSPF adjacencies

Answer: C

9. What are two examples of SaaS?(Choose two) **********
A. Amazon Web Services
B. SalesForce
C. Google Apps
D. IBM Cloud

Answer: BC

10. Which two Juniper devices are used as a CSO CPE devices(Choose two.)
A. SRX
B. NFX
C. QFX
D. MX

Answer: AB

11. What are two characteristics of Juniper's Connected Security Solution?(Choose two.)
A. manual secure policy control
B. dynamic VPN connections
C. centralized management
D. enforcement everywhere on the network

Answer: CD

12. Which two statements are true about virtualized platforms?(Choose two.)
A. The vSRX must have two vCPU dedicated to the vCP
B. The vMX used separate VMs to host the vCP and vFP
C. The vSRX must have one vCPU dedicated to the vCP
D. The vMX uses one VM to host the vCP and vFP

Answer: BC

13. You are responsible for optimizing a global MPLS WAN. You must determine the optimal MPLS forwarding pa ths and automate the provisioning of the forwarding paths into the network
Which Juniper Networks SDN solution will satisfy the requirements?
A. NorthStar Controller
B. Policy Enforcer

C. Contrail
D. Network Director

Answer: A

14. Which two benefits does the Junos Telemetry Interface(JTI) provide in an AppFormix architecture?(Choose two.
)
A. JTI enables you to deploy security policies to vSRX devices
B. JTI uses a push model to deliver data asynchronously
C. JTI enables you to collect and export data from resources such as firewall filters
D. JTI uses an SNMP pull model to eliminate additional processing

Answer: BC

15. Devices in your data center have become unwilling participants of botnet attacks.
In this scenario, which security technology should you use to stop this behavior?
A. Policy Enhancer
B. Sky ATP GeoIP threat protection
C. Sky ATP C&C threat protection
D. IPsec

Answer: C

16. Which statement is true regarding an OpenFlow controller-based software defined network? **********
******
A. The forwarding plane of each device in the network is programmed by the controller
B. The control plane of each device in the network is instantiated by the controller
C. The SDN controller pushes configuration files to each device in the network using RESTful APIs
D. The forwarding plane of each device in the network is managed by the device

Answer: A

17. What are two technologies that a vMX's control plane uses to communicate with the forwarding plane on the sa
me servers?(Choose two.) ****
A. 802.1Q
B. Virtio
C. SR-IOV
D. OVSDB

Answer: BC

18. Which interface is used by applications, orchestration system, and other types of business systems to communica
te with as SDN controller?
A. controller interface
B. northbound interface
C. east-west interface
D. southbound interface

Answer: B

19. Which two data models are supported for the Junos Telemetry Interface (JTI)? (Choose two.)
A. Azure Application Insights

B. Native Sensors
C. Amazon Kinesis
D. OpenConfig

Answer: BD

20. You need to find a product that will allow for the deployment of security devices to a new tenant edge network i n less than one second
Which product accomplishes this task?
A. MX
B. NFX
C. vSRX
D. cSRX

Answer: D

21. You are deploying a vMX device in your network
Which two virtualized components are required in this scenario?
A. virtual forwarding plane
B. virtual chassis port
C. virtual chassis fabric
D. virtual control plane

Answer: AD

22. Which product is used to perform capacity planning of MPLS WANs?
A. Contrail Cloud
B. NorthStar Planner
C. Cloud Service Orchestration
D. VMware NSX

Answer: B

23. Which protocol is used by the NorthStar Controller to discover existing tunnels in a service provider or large ent erprise WAN?
A. SNMP
B. PCEP
C. REST
D. NETCONF

Answer: B

24. Which two statements describe cloud CPE?(Choose two.)
A. Cloud CPE require heavy investment in vendor-specific hardware
B. Cloud CPE encourages administrators to use all-in-one appliances
C. Cloud CPE allows multivendor, open support of software-based functions
D. Cloud CPE eliminates the need for investing in expensive hardware

Answer: BD

25. You need to control and steer application traffic while maintaining an end-to-end view of the WAN and LAN.
Which Juniper cloud product will satisfy the requirements in this scenario?

A. Sky ATP
B. Contrail Service Orchestration
C. Contrail Cloud
D. Sky Enterprise

Answer: B

26. You are deploying a Layer 2 underlay network with 2,000 devices and hosts.
Which two statements are correct?
A. Network routing tables can become very large and unmanageable
B. RPF is used for loop prevention
C. The MAC tables can become very large and unmanageable
D. RSTP can be used for loop prevention

Answer: CD
27. What are two protocols used by NorthStar Controller to discover the network topology?(Choose two) ******* *******
A. SNMP
B. OSPF-TE
C. NETCONF
D. BGP-LS

Answer: BD

28. Which type of SDN is shown in the exhibit?
A. API-based SDN
B. OpenFlow-based SDN
C. SDN as an overlay
D. SDN as an underlay

Answer: A

29. AppFormix has been deployed in your data center using the Juniper Telemetry Interface(JTI) native sensors. Ho wever, the underlay devices have not yet been set up to work with the JTI native sensors.
Which action is required for the JTI native sensors to work properly?
A. Install the AppFormix network agent on the underlay devices
B. Enable NETCONF over SSH on the underlay devices
C. Enable SSH on the underlay devices
D. Enable GPB messaging on the underlay devices

Answer: A

30. Which two statements are true about an SDN controller?(Choose two.)
A. An SDN controller automates repetitive tasks in a network
B. An SDN controller regulates traffic transmission rates in a network
C. An SDN controller centralizes control and configuration of a network
D. An SDN controller stores and manages software mages

Answer: AC

31. Which CSO component enables ISPs to set up and manage the virtual network and customers? **********

A. Service and Infrastructure Monitor
B. Designer Tools
C. Administration Portal
D. Customer Portal

Answer: C

32. You must create a security policy that works cross your multicloud, Kubernetes, and OpenStack deployments.
Which product will accomplish this task?
A. Contrail Security
B. Policy Enforcer
C. Sky ATP
D. Juniper ATP

Answer: D

33. What are three orchestrators that integrate with Contrail? (Choose three)
A. VirtualBox
B. Kubernetes
C. Ubuntu
D. OpenStack
E. vSphere

Answer: BDE

34. You are using the NorthStar Controller to manage your WAN. You are required to remove a node from the netw ork for maintenance purposes. You want to compute and provision alternate forwarding paths so that traffic is re-tou ted around the node being taken offline for maintenance.
Which NorthStar Controller feature would be used in this scenario?
A. path diversity
B. maintenance mode
C. shared risk link groups
D. node diversity

Answer: B

35. You are using service chains.
In this scenario, which component launches the NFV VM?
A. vRouter
B. NorthStar Controller
C. compute node
D. orchestrator

Answer: D

36. Your company has three connections consisting of MPLS, Internet, and wireless connections, respectively. You must separate traffic according to the type of application sending that traffic across the three links
Which product will facilitate this requirement?
A. Contrail SD-WAN
B. Contrail Cloud
C. Contrail networking

D. Contrail SD-LAN

Answer: A

37. Which two statements are true regarding private cloud services?(Choose two.)
A. A private cloud must apply encryption to all stored data
B. A private cloud has dedicated resources for individual customers
C. A private cloud can be deployed in a service provider network
D. A private cloud cannot connect to a public cloud

Answer: BC

38. You are required to set up zero-day malware dedication for your private cloud without sending files off site for a nalysis.
What will accomplish this task?
A. JATP
B. IDP
C. UTM
D. Sky ATP

Answer: D

39. Which two statements are true about cSRX firewalls? (Choose two.)
A. The host OS can be different from the guest OS
B. The host OS and image OS must match
C. The cSRX does not use static CPU reservations
D. The cSRX uses static CPU reservations

Answer: AD

40. Which statement defines a public cloud?
A. The cloud infrastructure is a composition of two or more strict cloud infrastructures
B. The cloud infrastructure is provisioned for exclusive use by a specific community of consumers from organizatio ns that have shared concerns
C. The cloud infrastructure is provisioned for exclusive use by a single organization comprising multiple consumers
D. The cloud infrastructure is provisioned for open use by the general public

Answer: D

41. Which statement is correct about SDN?
A. The SDN controller has a centralized view of the network
B. The SDN controller must provide a manual method for configuration
C. SDN simplifies the network by combining the control and forwarding planes into a single controller
D. The configuration and management of an SDN solution should be distributed to the edge of the network

Answer: A

42. AppFormix alarm notification are sent to an HTTP server using which format?
A. plain text
B. XML
C. CSV
D. JSON

Answer: D

43. What are two examples of public cloud providers? (Choose two.)
A. eBay
B. Netflix
C. Microsoft Azure
D. Amazon Web Services

Answer: CD

44. From where does AppFormix gather performance metrics in a network?
A. from RPM probes sent across the network
B. from statistics NFVs instantiated in the data path
C. from an agent on the host or system
D. from a REST API connection

Answer: C

45. What are two reasons to use a vMX over a physical MX Series devices in your deployment? (Choose two)
A. A vMX provides more routing features.
B. A vMX accelerates adding new services
C. A vMX has a lower barrier of entry
D. A vMX increases analytic capabilities

Answer: BD

46. You want to automate the management of virtualized applications using Contrail Networking
Which type of SDN is used in this scenario?
A. OpenFlow SDN
B. API SDN
C. Overlay SDN
D. Ansible Automation

Answer: B

47. Which statement is correct about overlay network?
A. An overlay network requires an OSPF area.
B. An overlay network must have switches interconnected in a spine-leaf implementation
C. An overlay network uses tunneling technologies
D. An overlay network requires the CLOS architecture

Answer: C

48. Which juniper product provides insight into the underlay and overlay network at the same time? **********

A. Security Director
B. AppFormix
C. Edge Services Director
D. Juniper Extension Toolkit
E. Contrail Analysitcs

Answer: E

49. What are two characteristics of Policy Enforcer? (Choose two)
A. Policy Enforcer has its own standalone GUI
B. Policy Enforcer consolidated threat information from multiple sources
C. Policy Enforcer provides telemetry data for a collector device
D. Policy Enforcer is integrated with Security Director

Answer: BD

50. Which protocol used to communicate LSP and status information between NorthStar controller and label edge ro uters?
A. PCEP
B. ICCP
C. OSPF
D. BGP

Answer: A

51. Which type of the topology is shown in the exhibit?(picture)
A. EGP topology
B. spine-and-leaf topology
C. tree topology
D. hub-and-spoke topology

Answer: B

52. Which Juniper product is used to remotely provision the NFX250 platform for Network Functions Virtualization ?
A. Contrail Service Orchestration
B. Contrail Security
C. Virtual Route Reflector
D. Junos Space Security Director

Answer: B

53. Which Junos Space application integrates with both VMware vSphere and VMware NSX solutions to automate t he movement of VLANs between physical and virtual servers?
A. Edge Services Director
B. Policy Enforcer
C. Network Director
D. Connectivity Services Director

Answer: C

54. Which CSO component enables the monitoring of the CSO system to provide real-time data about the Cloud CP E solution?
A. Administration Portal
B. AppFormix
C. Designer Tools
D. Customer Portal

E. Service and Infrastructure Monitor
Answer: E

55. What are two characteristics of cloud computing?(Choose two.)
A. customer-owned equipment
B. measured service
C. resource pooling
D. unrestricted public access to all resources

Answer: BC

56. You are the administrator of an MPLS WAN. Intermittent WAN hardware failures are causing customer traffic t o route over newly computed forwarding paths that do not satisfy service level agreements
Which Juniper Networks solution would be used to analyze this problem? **********
A. Network Director
B. AppFormix
C. NorthStar Planner
D. Contrail

Answer: D

57. What are two goals of cloud security automation?(Choose two) **********
A. to centrally manage security policies
B. to transition all security functions to cloud platforms
C. to automate responses to detected security threats
D. to implement all security functions in hardware

Answer: AC

58. You are asked to reduce traffic on an MPLS VPN by automatically moving the traffic to an Internet circuit as lo ng as it satisfies the SLA requirements.
In this scenario, what would you use to accomplish this task?
A. Contrail Cloud
B. NorthStar
C. AppFormix
D. Contrail SD-WAN

Answer: D

59. Which statement is correct when deploying services inside containers?
A. Containers can always be deployed for free
B. Containers use fewer resources than VMs
C. Services have dedicated processor and memory resources on each server
D. Service must not be deployed using the same operating system

Answer: B

60. Server-1 has an infection and is communicating with a command and control server on the Internet. You want to ensure that the infection on Server-1 does not infect Server-2?
Which two actions accomplish this task?(Choose two.)
A. Deploy Sky ATP with advanced anti-malware protection
B. Deploy Sky ATP with C&C protection

C. Deploy Policy Enhancer to isolate infected host
D. Deploy Sky ATP with GeoIP protection

Answer: AB

61. Which two platforms share the same automation scripts?(Choose two)
A. vMX Series
B. MX Series
C. Junos Space
D. Contrail

Answer: AB

62. Which two protocols provide loop prevention in underlay network? (Choose two.)
A. OSPF
B. VPLS
C. EVPN
D. MSTP

Answer: BD

63. Which two pricing models are available from AWS Marketplace for vSRX consumption? (Choose two.)
A. pay as you go
B. bring your own license
C. based on the number of policies
D. annual subscription

Answer: AB

64. Which two statements are correct when using the native sensors model for the Juniper Telemetry Interface with AppFormix?(Choose two.)
A. Telemetry data is exported from the data plane
B. Additional software must be installed on the Juniper device
C. No additional software must be installed on the Juniper device
D. Telemetry data is exported from the control plane

Answer: AC

65. A customer want to deploy a website that can scale as needed
Which type of services should the customer purchase in this scenario?
A. DBaaS
B. SaaS
C. BGPaaS
D. FWaaS

Answer: B

1. Which type of topology is shown in the exhibit
a. Spine-and-leaf topology
b. Tree topology

c. ERP topology
d. Hub-and-spoke topology
Answer : A

2. AppFormix has been deployed in your data center using the Juniper Telemetry interface (JTI) native sensors. Ho wever, the underlay devices have not yet been set up to work with the JTI native sensors. Which action is required fo r the JTI native sensors to work properly?
a. Enable the SSH on the underlay devices
b. Install the AppFormix network agent on the underlay devices
c. Enable the GPB messaging on the underlay devices
d. Enable the NETCONF over SSH on the underlay devices
Answer : C

3. Which statement is correct about an overlay network?
a. An overlay network requires an OSPF area
b. An overlay network requires The CLOS architectures
c. An overlay network Uses tunneling technologies
d. An overlay network Must have switches interconnected in space-leaf implementation
Answer : C

4. What are two protocols used by the NorthStar controller to discover the network topology? (Choose two).
a. SNMP
b. BGP-LS
c. NETCONF
d. OSPF-TE
Answer : B, D

5. You are deploying a vMX device in your network. Which two virtualized components are required in this scenari o? (choose two)
a. Virtual chassis fabric
b. Virtual forwarding plane
c. Virtual chassis port
d. Virtual control plane
Answer : BD

6. What are two objectives of SDN? (Choose two).
a. Physical separation of the control plane from the data plane
b. Centralization of the forwarding plane
c. Centralization of the control plane
d. Centralization of the services plane
Answer : AC

7. What are two examples of SaaS ? (choose two).
a. Google Apps
b. Amazon web services
c. SalesForce
d. IBM cloud
e. Answer : BC

8. Which two data models are supported for the Junos Telemetry interface (JTI)? (Choose two).
a. Azure application insights
b. OpenConfig

c. Native Sensors
d. Amazon Kinesis
Answer :BC

9. Which two statement are true about virtualized platforms? (Choose two).
a. The vSRX must have two vCPUs dedicated th the vCP
b. The vMX uses one VM to host the vCP and vFP
c. The vMX uses separate VMs to host the vCP and vFP
d. The vSRX must have One vCPUs dedicated th the vCP
Answer :C, D

10. You are deploying a layer 2 underlay network with 2,000 devices and hosts. Which two statement are correct? (Choose two).
a. RSTP can used for loop prevention
b. Network routing tables can become very large and unmanageable
c. The MAC tables can become very large and unmanageable
d. RPF is used for loop prevention
Answer : A
11. You are asked to reduce traffic on an MPLS VFN by automatically moving the traffic to an internet circuit as lon g as it satisfies the SLA requirements. In this scenario, what would you use to accomplish this task?
a. NorthStar
b. AppFormix
c. Contrai cloud
d. Contrail SD-WAN
Answer : A
12. Which two Juniper devices are used as a CSO CPE device? (Choose two).
a. NFX
b. SRX
c. MX
d. QFX
Answer : AB
13. Which interface is used by applications, orchestration systems, and other types of business systems to communic ate with an SDN controller?
a. Controller interface
b. Northbound interface
c. East-west interface
d. Southbound interface
e. Answer :B

14. Which statement describes AppFormix?
a. AppFormix is a high-performance virtual device that secures virtualized and cloud environments
b. AppFormix is the SDN automation platform for OpenStack Iaas
c. AppFormix is responsible for monitoring, Analytics and intent-driven infrastructure optimization
d. AppFromix is virtualizedn full-featured, carrier-grade ideal for NFV environoments
Answer : C

15. What are two characteristics of Juniper s connected security solution? (Choose two)
a. Centralized management
b. Manual secure policy control
c. Dynamic VPN connection
d. Enforcement everywhere on the network
e. Answer : AD

16. What is and advantage of the Junos Telemetry Interface(JTI) over SNMP?
a. JTI can push data more frequently
b. JTI can pull data more frequently
c. JTI always transfer data over HTTP
d. JTI never transfers data over UDP
Answer: A

17. Which statement is correct about SDN
a. SDN simplifies the network by combining the control and forwarding plane into a single controller
b. The SDN controller must provide a manual methor for configuration
c. The configuration and management of an SDN solution
should be distributed to the edge of the network
d. The SDN controller has a view of the network
e. Answer : D

18. Which statement is correct when deploying services inside containers
a. Services have dedicated processor and memory resources on each server
b. Services must not be deployed using the same operating
system
c. Containers can always be deployed for free
d. Containers use fewer resources then VMs
e. Answer : D

19. You are using service chains. In this scenario, which component launches the NFV VM?
a. Orchestrator
b. Compute node
c. vRouter
d. northstar Controller
e. Answer : B

20. which cloud CPE component manages the end-to-end path from the CPE to the central office or to another CPE?

a. Service orchestration
b. Virtual network functions
c. Infrastructure orchestration
d. Physical telco cloud infrastructure
e. Answer : A

21. Click the exhibit button. Referring to the exhibit, Server-1 has an infection and is communicating with a comma nd and control server on the internet. You want to ensure that the infiction on server-1 does not infect server-2. Whic h two actions accomplish this task? (Choose two)
a. Deploy Sky ATP with C&C protection.
b. Deploy Sky ATP with anti-malware protection
c. Deploy policy enforcer to isolate infected hosts
d. Deploy Sky ATP with GeoIP protection
e. Answer : BC

22. You are using the NorthStar controller to manage your WAN. You are required to remove a node from the netw ork for maintenance. You want to compute and provision alternate forwarding paths so that traffic is re-routed aroun d the node being taken offline for maintenance. Which NorthStar controller feature would be used in this scenario?
a. Maintenance mode

b. Shared risk link groups
c. Node diversity
d. Path diversity
e. Answer : D

23. You are the administrator of an MPLS WAN intermittent WAN hardware failure are causing customer traffic to route over newly computed forwarding paths that do not satisfy service level agreements. Which Juniper Networks s olution would be used to analyze this problem?
a. Network director
b. Contrail
c. NorthStar Planner
d. AppFormix
e. Answer :C

24. You need to find a product that will allow for the deployment of security devices to a new tenant edge network i n less than one second. Which product accomplishes this task?
a. NFX
b. MX
c. cSRX
d. vSRX
e. Answer :C

25. Which mechanism allows tenants to interconnect across an overly network?
a. EBGP connections
b. P2P OSPF adjacencies
c. Subnets
d. Tunnels
e. Answer :D

26. Which two protocols provide loop prevention in an underlay network ? (Choose two)
a. OSPF
b. VPLS
c. MSTP
d. EVPN
e. Answer :AC

27. Which statements are correct about the NFV framework? (Choose two)
a. A spine and leaf implementation is an example of the NFV framework
b. The NFV framework is defined by ANSI
c. The NFV framework is defined by ETSI
d. The NFV Framework enables horizontally scalable deployments of services
e. Answer : C D

28. Devices in your data center have become unwilling participants of botnet attacks. In this scenario, Which securit y technology should you use to stop this behavior?
a. IPsec
b. Policy enforcer
c. Sky ATP C&C threat protection
d. Sky ATP GeoIP threat protection
e. Answer :C

29. You want to automate the management of virtualized applications using contrail networking. Which type of SD

N is used in this scenario?
a. API SDN
b. OpenFlow SDN
c. Ansible automation
d. Overly SDN
e. Answer :A

30. Which protocol is used by the northstar controller to discover existing tunnels in a service provider or large enter prise WAN ?
a. SNMP
b. REST
c. PCEP
d. NETCONF
e. Answer : CD

31. What are two characteristics of policy Enforcer? (Choose two)
a. Policy Enforcer has its own standalone GUI
b. Policy Enforcer is integrated with security director
c. Policy Enforcer provides telemetry data for a collector device
d. Policy Enforcer consolidates threat information from multiple sources
e. Answer : BD

32. Which two statement are correct when using the native sensors model for juniper telemetry interface with AppFo rmix? (Choose two).
a. Telemetry data is exported from the control plane
b. Additional software must be installed on the junos device
c. Telemetry data is exported from the data plane
d. No additional software must be installed on the Junos device
e. Answer : BC

33. You need to control and steer application traffic while maintaining an end-to-end view of the WAN and LAN. W hich
juniper cloud product will satisfy the requirements in the scenario?
a. SKY ATP
b. Contrail cloud
c. Sky enterprise
d. Contrail service orchestration
e. Answer :B

34. Which two protocols would be used by the northstar controller to provision tunnels on an edge router? (choose t wo)
a. TFTP
b. PCEP
c. NETCONF
d. HTTPS
e. Answer : BC

35. What are two reason to use a vMX over a physical MX series in your deployment? (Choose two)
a. A vMX provides more routing features
b. A vMX has a lower barrier of entry
c. A vMX accelerates adding new services
d. A vMX increases analytic capabilities

e. Answer : BC

36. Which two statement describe cloud? (choose two)
a. cloud CPE allows multivendor, open support of software- based functions
b. cloud CPE requires heavy investment in vendor-specific
hardware
c. cloud CPE encourages administrators to use all-in one appliances
d. cloud CPE eliminates the need for investing in expensive hardware
Answer: AD

37. which two benefits does the JUNOS telemetry interface
(JTI) provide in an appFormix architecture? (choose two)
a. JTI enables you to deploy security policies to vSRX devices
b. JTI enable you to collect and export data from resources such as firewall filters
c. JTI uses an SNPM pull model to eliminate additional processing
d. JTI uses a push model to deliver data asynchronously
e. Answer : BD

38. You are required to set up zero-day malware detection for you private cloud without sending files off site analysi
s. What will accomplish this task
a. Sky ATP
b. UTM
c. JATP
d. IDP
e. Answer : A

39. Which statement about contrail is true?
a. The contrail controller places a vROUter each virtual host in the network
b. The contrail virtual router segments virtual machines on physical hosts into virtual touting and forwarding instanc
es
c. The contrail virtual router segments virtual machines on physical hosts into different security zones
d. The contrail virtual router establishes IPsec tunnel between
other contrail virtual routers on the network
e. Answer : AB

1. Which OpenStack service manage image storage?
a. Glance
b. Swift
c. Nova
d. Heat
Correct Answer: A

2. You must set up multiple collection points across your network to look for malware and rogue SSH attempts. Wh
at will allow you to accomplish this task?
a. AppFormix
b. NorthStar
c. networking
d. JATP
Answer : D

3. You are deploying a layer 3 underlay network with 10,000 devices and hosts. Which two statements are correct in
this scenario?(choose two.)

a. Loop prevention is provided by the routing protocol
b. Routing table can become very large
c. RSTP can be used for loop prevention
d. The MAC tables can become very large
Answer AB

4. Which type of tunnels are provisioned by the NorthStar controller?
a. IPsec VPNs
b. VPLs
c. MPLS LSPs
d. GRE over UDP
Correct Answer: C

5. A company requests increased bandwidth during two specific periods each year. Which solution will accomplish t he desired result?
a. NorthStar planner
b. NorthStar bandwidth calendaring
c. NorthStar maintenance Mode
d. Centralized Path computation
e. Answer : B

6. You are using the Juniper connected security solution to protect your network from malware. However you notice d that malware files over 10 MB are not being analyzed. You need the capability of analyzing files greater than 10M B. Which two components would allow you to accomplish this task ? (Choose two).
a. Network director
b. Contrail security
c. Sky ATP
d. Security director
e. Answer : CD

7. What are two Microservices provided by contrail services orchestration? (Choose two).
a. REST API server
b. Fabric Manager
c. VIM director
d. Security director
Answer: B, D

8. What is a primary difference between NFV and VNF ?
a. A VNF defines the network underlay tunnel methodology while NFV is firewall that inspects traffic in the overlay network.
b. NFV is the framework that describes how a virtual function should operate while VNF is the virtual function itself

c. A VNF operates on a bare metal server while NFV operates on
a switch
d. NFV identifies the host on which the VNF operates.
e. Answer :B

9. Your company has three connections consisting MPLS, Internet, and wireless connections, respectively. You mus t separate traffic according to the type of application sending that traffic across the three links. Which product will fa cilitate this requirement?
a. Contrail cloud
b. Contrail networking

c. Contrail SD-WAN
d. Contrail SD-LAN
e. Answer :C

10. Which type of API does contrail service orchestration provide when connecting with OSS and BSS applications?

a. TLS
b. REST
c. XMPP
d. SOAP
e. Answer :B

11. Which two statement are true about vSRX firewalls? (Choose two).
a. The vSRX does not use static CPU reservations.
b. The host OS can be different from the guest OS.
c. The host OS and image OS must match
d. The vSRX uses static CPU reservation
e. Answer : BD

12. You want to secure sensitive data and detect malware in your network. Which component would be used to satis fy this requirement?
a. AppFormix
b. Sky ATP
c. Network director
d. Contrail cloud
e. Answer : B

13. Which message type is supported by the Junos Telemetry interface?
a. GPB
b. OpenShift
c. JET
d. YANG
e. Answer : A

14. Which two statement describe virtual network functions (VNFs)? (Choose two)
a. VNFs are provided at a customer s site or telco cloud
b. VNFs represent the service that monitors and tracks whether the services are performing according to design
c. VNFs represent the infrastructure the comprises the telco underlay network
d. VNFs can be deployed as a software function within a single
x86 platform
e. Answer : AC

15. Which statement is correct about alarms in AppFormix?
a. Static alarm are compared against fixed thresholds
b. Alarm thresholds cannot be changed by the user
c. Alarm actions cannot be change by the user
d. Static alarms are compared against historical data
e. Answer : A

What are two characteristics of cloud computing? (Choose two.)
Selected Answer
? Services are provisioned using automation.

? Services are provisioned by the customer.

What are two examples of public cloud providers? (Choose two.)
Selected Answer
? Amazon Web Services
? Microsoft Azure

Which statement defines a public cloud?
Selected Answer
? The cloud infrastructure is provisioned for exclusive use by a specific community of consumers from organization s that have shared concerns.

What are two characteristics of cloud computing? (Choose two.)
Selected Answer
? measured service
? resource pooling

Which organization is responsible for defining cloud computing?
Selected Answer
? NIST

Which type of service would allow you to provision five servers with Windows Server 2016 installed?
Selected Answer
? paaS

What are two characteristics of a data center underlay network? (Choose two.)
Selected Answer
? spine network device redundancy
? fast failover

What are three software suites that contribute to cloud architectures? (Choose three.)
Selected Answer
? Kubernetes
? OpenStack
? vSphere

A customer wants to deploy a website that can scale as needed. Which type of service should the customer purchase in this scenario?
Selected Answer
? SaaS

Which platform is certified to interoperate with VMware NSX?
Selected Answer
? QFX Series

Which Juniper product provides insight into the underlay and overlay network at the same time?
Selected Answer
? Contrail Analytics

You want to reduce full-mesh internal BGP peering. Which Juniper Networks product will satisfy this requirement?
Selected Answer
? vSRX

Which Juniper Networks product comprises a complete ETSI NFVI solution?
Selected Answer
? Contrail analytics node

Which two Juniper Networks virtualized products are available for use in the public cloud? (Choose two.)
Selected Answer
? vSRX
? vMX

Which statement is true about NFV containers?
Selected Answer
? NFV containers usually provide fewer functions than VM-based VNFs.

Which two statements are true about the Juniper Networks implementation of VNFs and NFV? (Choose two.)
Selected Answer
? VNFs include all virtual entities that can be launched and managed from the Juniper Device Manager.
? VNFs incorporate cloud and virtualization technologies to drive new network services with elastic scale and autom ation.

What are two different modes available for the vMX on KVM that are based on CPU and memory availability? (Ch oose two.)
Selected Answer
? performance
? lite

Which statement is correct about a VNF?
Selected Answer
? A VNF is a virtual entity that can be launched and managed.

Which Juniper product is used to remotely provision the NFX250 platform for Network Functions Virtualization?
Selected Answer
? Network Service Activator

Your engineering team has identified a problem. Whenever an application becomes popular, the resulting high-traffi c load on the VNFs leads to user dissatisfaction. Which Contrail feature would be used to solve this problem?
Selected Answer
? service scaling

Which two platforms share the same automation scripts? (Choose two.)
Selected Answer
? vMX Series
? MX Series

What are two technologies that a vMX's control plane uses to communicate with the forwarding plane on the same s erver? (Choose two.)
Selected Answer
? OVSDB
? SR-IOV

Which protocol is used by Contrail Device Manager to configure physical routers?
Selected Answer

? NETCONF

Which Contrail component handles packet forwarding for virtual machines?
Selected Answer
? vRouter

How does Contrail exchange forwarding information between the Contrail controller and gateway router?
Selected Answer
? BGP

In which two scenarios is Contrail used? (Choose two.)
Selected Answer
? private cloud networking
? Network Functions Virtualization

Click the Exhibit button. Which type of SDN is shown in the exhibit?
Selected Answer
? API-based SDN

Which two products are required when deploying vSRX as a partner security service in VMware NSX? (Choose two .)
Selected Answer
? Junos Space Security Director
? VMware NSX Manager

Which open source management framework does VMware NSX use to manage VXLANs on a Junos device?
Selected Answer
? OVSDB

Which statement is true about the vSRX Series and VMware NSX integration?
Selected Answer
? You can add the vSRX virtual firewall as a security element in the VMware NSX environment.

Which two statements are true regarding an SDN controller? (Choose two.)
Selected Answer
? An SDN controller centralizes control and configuration of a network.
? An SDN controller automates repetitive tasks in a network.

Which OpenStack component is responsible for user authentication and authorization?
Selected Answer
? Keystone

Which SDN product is used to perform capacity planning on MPLS WAN connections?
Selected Answer
? WANDL

Which SDN product is used to manage and optimize MPLS WAN connections?
Selected Answer
? NorthStar

Which method does WANDL use to collect live network information?
Selected Answer

? SNMP

Which two statements are true regarding SDN WAN implementations? (Choose two.)
Selected Answer
? SDN WAN uses a centralized control plane.
? SDN WAN uses MPLS tunnels to connect POPs.

Which statement describes the role of the NorthStar Controller?
Selected Answer
? It is an SDN WAN controller.

What are two major components of the NorthStar Controller system? (Choose two.)
Selected Answer
? PCE
? PCC

What are two ways that WANDL constructs topologies? (Choose two.)
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? Imports configuration files.
? Enters data manually.

Which protocol is required for NorthStar to establish paths between PE devices?
Selected Answer
? RSVP-TE

Which protocol is used to communicate LSP and status information between the NorthStar Controller and label edge routers?
Selected Answer
? PCEP

Which two components are part of the AppFormix architecture? (Choose two.)
Selected Answer
? policy controller
? data platform

Which role does AppFormix perform in an SDN WAN environment?
Selected Answer
? AppFormix sends alert information to an orchestration platform.

AppFormix alarm notifications are sent to an HTTP server using which format?
Selected Answer
? JSON

From where does AppFormix gather performance metrics in a network?
Selected Answer
? from an agent on a host or system

Which two tasks do Contrail analytic nodes perform? (Choose two.)
Selected Answer
? Collects system state information.
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? JTI provides real-time reporting.
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Which protocol is used to transport monitoring data in Juniper's open and extensible data model?
Selected Answer
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Which product in the Juniper Networks portfolio provides accounting and planning information for users by using bi g data analytics and machine learning?
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Selected Answer
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Which statement is correct when describing a centralized cloud CPE model?
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? Physical CPE devices are not required at the customer's office.

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Selected Answer
? Visual Designer Tools

Which CSO component enables the monitoring of the CSO system to provide real-time data about the Cloud CPE so lution?
Selected Answer
? Service and Infrastructure Monitor

Which statement is true about Junos Space Security Director?
Selected Answer
? Security Director is a centralized security policy manager.

What are two components of the Juniper Networks SDSN solution? (Choose two.)
Selected Answer
? enforcement everywhere on the network
? centralized management

Which two actions would Policy Enforcer take when it determines a user has downloaded a file containing malware? (Choose two.)
Selected Answer
? Put the user in a quarantine VLAN.
? Block the user from accessing the network.

What are two roles of sandboxing in Sky ATP? (Choose two.)
Selected Answer
? to analyze the behavior of potential security threats
? to store infected files for further analysis

What are two goals of Software-Defined Secure Network architectures? (Choose two.)
Selected Answer
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Which two pricing models are available from AWS Marketplace for vSRX consumption? (Choose two.)
Selected Answer
? bring your own license
? pay as you go Which feature set of the vSRX allows you to monitor application usage to identify highrisk applications and analyze traffic patterns? Selected Answer
? AppTrack

What are three functions of the RE? (Choose three.)
to maintain the forwarding tables
to enforce stateless firewall filters
to manage the PFE
to monitor the chassis
to implement policing

Answer : A,C,D

What are two functions of the PFE? (Choose two.)
to maintain the forwarding tables
to apply the class of service function
to forward transit traffic
to monitor the chassis

Answer : C , B

Which three statements are true about the PFE? (Choose three.)
The PFE uses Layer 2 and Layer 3 forwarding tables to forward traffic toward its destination.
The PFE handles all processes that control the chassis components.
The PFE is responsible for performing protocol updates and system management.
The PFE implements various services such as policing, stateless firewall filtering, and class of service.
The PFE is the central processing component of the forwarding plane.

Answer : E,A,D

Which statement is true about exception traffic?
Exception traffic is automatically logged in /var/log/messages.
Exception traffic requires a firewall filter before it can be acted upon.
Exception traffic requires some form of special handling.
Exception traffic passes through the local device.

Answer : C

Which two features are implemented on the Packet Forwarding Engine? (Choose two.)
class of service
routing protocol updates
firewall filters
chassis management

Answer : A, C
What are two examples of transit traffic? (Choose two.)
SCP traffic that is destined for the router's loopback interface.
SCP traffic that enters one interface and exits another interface on the local router.
SFTP traffic that enters one interface and is destined for another interface on the local router.
SFTP traffic that enters and exits the same interface on the local router.

Answer : B , D

What is a function of the PFE?
to generate forwarding tables
to apply stateless firewall filters
to generate protocol control traffic
to monitor chassis components

Answer : B

What is an "X" release of the Junos OS?
a standard feature release
a special feature release
a feature velocity release
a feature beta release

Answer : B

When considering the Junos 14.2R3.2 release, what is the correct order for each designator?
[year of release] . [main release number] [version] [minor release number] . [spin number]

[main release number] . [minor release number] [software release] [build number] . [spin number]

[year of release] . [minor release number] [software release] [build number] . [spin number]

[main release number] . [build number] [software release] [minor release number] . [spin number]

Answer : B

What are two benefits realized by the disaggregated Junos OS? (Choose two.)
The platform drivers and forwarding engine are removed from the control plane to increase performance.
The Junos VM becomes hardware-independent and can be deployed on any hypervisor without modification.
The architecture facilitates programmability through provisioning the control plane, the data path, and the platform APIs.
There is increased flexibility to use different control plane versions.

Answer : B , C

Question 11 of 50
A packet enters a Junos device. No matching destination entry exists in the forwarding table. How will the device re spond?
The PFE responds to the source with a destination unreachable notification message.
The PFE responds to the destination with a source unreachable notification message.
The RE responds to the source with a destination unreachable notification message.
The RE responds to the destination with a source unreachable notification message.

Answer : A

Question 12 of 50
What is the initial prompt displayed when logging in as the root user?
root@router>
root@router%
root@router#
root@router*

Answer : B

Which two keystrokes will auto-complete a command? (Choose two.)

Esc
Tab
Spacebar
End

Answer B,C

Which keystroke is used to auto-complete user-defined variables?
Spacebar
Home
Esc
Tab

Answer : D

Which two commands would you use to reset the candidate configuration to the active configuration? (Choose two.)

rollback 0
rollback 1
rollback 2
rollback

Answer : A D

Which command verifies configuration syntax without applying the changes?
commit comment
commit and-quit
commit confirmed
commit check

Answer : D

What is the maximum number of configurations, by default, that are recoverable using the rollback command?
25
50
75
100

Answer : B

Which keystroke combination allows users to move the cursor to the end of the command line without deleting text?

Ctrl + a
Ctrl + e

Ctrl + u
Ctrl + w

Answer : B

Which command is used to replace a current configuration?
load replace
load patch
load override
load set

Answer : C

What is the minimum system-defined user class required to issue clear commands?
read-only
super-user
operator
authorized

Answer : C

Which system-defined user class is able to perform all operations on a device?
operator
authorized
read-write
super-user

Answer : D

You have configured an SRX Series device for the first time. When you commit your configuration, the Junos OS n otifies you that you cannot yet commit your configuration. Which configuration step must you complete?
security policies
hostname
date/time
root authentication

Answer : D

What are two default password requirements on Junos devices? (Choose two.)
Passwords must contain at least one special character.
Passwords must be at least six characters in length.
Alphanumeric character classes must be used.
An expiration date must be set.

Answer : B,C

At which hierarchy would you configure a static MAC address for interface ge-0/0/0?
[edit interfaces ge-0/0/0 unit 0]
[edit interfaces ge-0/0/0]
[edit interfaces ge-0/0/0 unit 0 family inet]
[edit interfaces ge-0/0/0 unit 0 family inet address 172.25.11.2/24]

Answer : B

Which command is used to load the rescue configuration?
rollback 0
load merge rescue
load replace rescue
rollback rescue

Answer : D

You are asked to configure your Junos device to automatically archive your configuration upon commit. Which two methods are supported by the Junos OS? (Choose two.)
SCP
RCP
FTP
HTTP

Answer : A, C

Which parameter would you use to prohibit the redistribution of a static route used for management traffic?
passive
discard
reject
no-readvertise

Answer : D

You have entered the command show log messages | match "error|kernel|panic". Which statement is correct regardin g the keywords error, kernel, and panic in the output?
The output will contain all messages from the file except the ones that contain all three defined keywords.
The output will contain all messages from the file that contain all three defined keywords.
The output will contain all messages from the file except the ones that contain at least one of the three defined keyw ords.
The output will contain all messages from the file that contain at least one of the three defined keywords.

Answer : D

What are two configurable physical interface properties? (Choose two.)
link mode
protocol family
MTU
address

Answer : A, C

n your configuration, an interface contains multiple IP addresses belonging to the same subnet. You want to identify the IP address to use for packets sent to hosts on the same subnet. Which parameter would you use to accomplish thi s task?
relative
preferred
primary
patch
Answer : B

You are asked to enable the configuration archival feature on your Junos OS device. Which two backup scenarios ex ist? (Choose two.)
When a user logs out of the device.
When a user logs in to the device.
When a specific time interval passes.
When a user performs a commit operation.

Answer : C ,D

Given the following configuration, set system authentication-order [tacplus], which two statements are correct? (Ch

oose two.)
If the TACACS+ server is available and rejects the username/password provided, the user is not allowed to access th e device.
If the TACACS+ server is available and rejects the username/password provided, the local password database is che cked.
If the TACACS+ server is not available, the user is not allowed to access the device.
If the TACACS+ server is not available, the local user database is checked.

Answer : A , D

You have received a request from the user, SecurityTeam, to notify their terminal connection only when someone co mmits a change to the configuration of a specific networking device. Which command would you input in this scena rio?
set system syslog user SecurityTeam change-log alert
set system syslog user SecurityTeam change-log any
set system syslog user SecurityTeam interactive-commands any
set system syslog user SecurityTeam interactive-commands warning

Answer : B

How would you change the display so that 40 lines will be displayed in the terminal program when you are logged i nto a Junos device?
Issue the set cli screen-length 40 command from operational mode.
Issue the set cli screen-length 40 command from configuration mode.
Set the display options in your terminal program.
Set the window size of your terminal program.

Answer : A

Which three actions are required to perform a unified in-service software upgrade (ISSU)? (Choose three.)
Enable graceful Routing Engine switchover (GRES).
Verify that the REs and protocols are synchronized.
Issue the request system software in-service-upgrade command on the backup RE.
Enable graceful restart.
Issue the request system software in-service-upgrade command on the master RE.

Answer : A , B , E

Which feature must you enable prior to performing a unified in-service software upgrade?
graceful Routing Engine switchover (GRES)
Virtual Router Redundancy Protocol (VRRP)
graceful restart
Network Time Protocol (NTP)

Answer : A

What would you use as a network tool to open a secure terminal connection from a Junos device to another device?
SSH
HTTPS
RDP
telnet

Answer : A

What are two important steps when upgrading an SRX300 Series device? (Choose two.)
Verify that enough space exists to upload the software package.
Verify that the netconf protocol is enabled.
Clear all alarms.
Reboot the device.

Answer : A , D

Which parameter of the monitor traffic command should be used with caution when considering storage space on a J unos device?
detail
extensive
write-file
layer2-headers

Answer C

You want to upgrade between two different Junos OS releases with no disruption to the control plane. Which softwa re upgrade command should you perform?
request system software validate
request system software add
request system software in-service-upgrade
request system software delete-backup

Answer : C

You are attempting to upgrade the Junos OS on your device, but there is not enough space to complete the upgrade. Which parameter, added to the request system software add command, would solve the problem?
no-validate

no-copy
validate
force

Answer : B

Which two statements are true regarding dynamic routing? (Choose two.)
Dynamic routing requires more administrative overhead than static routing.
Dynamic routing allows a device to automatically reroute traffic around a failure.
Participating devices dynamically learn routing information from each other.
Dynamic routing is used when absolute control of routing parameters is necessary

Answer : B, C

Which routing table is used for IPv6 unicast routes by default?
inet.0
inet.1
inet.3
inet6.0

Answer : D

What is an example of an exterior gateway protocol (EGP)?
OSPF
RIP
BGP
IS-IS

Answer : C

Which three statements describe OSPF? (Choose three.)
OSPF must operate between different autonomous systems.
OSPF is a link-state IGP.
OSPF calculates the best path to each destination.
OSPF uses areas to incorporate hierarchy and allow for scalability.
OSPF uses a distance-vector algorithm to calculate routing cost.

Answer : B , D ,C

What is the default route preference for OSPF internal?

5
10
100
150

Answer : B

Which statement is true about a virtual router routing instance?
It can be used to create a separate routing table.
It can be used for Layer 3 VPN implementations.
It automatically has import and export policies applied.
An interface in the routing instance can also reside in the default routing instance.

Answer : A

Routing policies contain which two type of statements? (Choose two.)
and
from
default
then

Answer : B, D

What is the purpose of the discard action of a firewall filter?
The system drops the packet and logs the entry.
The system drops the packet and sends an ICMP message.
The system silently drops the packet.
The system evaluates the next term in the policy

Answer : C

What are two modes of unicast reverse path forwarding? (Choose two.)
strict
high
low
loose

Answer : A D

Which secure VPN technology is used for hybrid cloud connectivity over the public Internet?
Correct
? IPsec VPN

? IPsec VPN

Juniper Networks supports which two alternatives to Layer 2 loop prevention protocols, such as STP, in an underlay network? (Choose two.)
Correct
? LACP
? MC-LAG
? LACP
? MC-LAG

Which protocol establishes VXLAN tunnels?
Correct
? EVPN
? EVPN

Which type of service would allow you to provision five servers with Windows Server
Correct
? PaaS
? PaaS

What are two characteristics of a data enter underlay network? (Choose two.)
Correct
? spine network device redundancy
? fast failover

What are two concepts of a private cloud?
(Choose two.)
Resources are dedicated to your organization.
Resources are accessed through a private connection.

According to Juniper Networks, what is the recommended external routing protocol for the underlay network?
Correct
? BGP

? What are three software suites that contribute to cloud architectures? (Choose three.)
? OpenStack
? Kubernetes
? vSphere

What information does an underlay network use to route data?
? IP address

A customer wants to deploy a website that can scale as needed. Which type of service should the customer purchase in this scenario?
? SaaS

Which two statements are true regarding private cloud services? (Choose two.)
A private cloud can be deployed in a service provider network.
A private cloud has dedicated resources for individual customers.

Which platform is certified to interoperate with VMware NSX?
? QFX Series

What are two reasons to deploy a private cloud? (Choose two.)
to protect sensitive data
to provide cloud-based services within an organization

Which two platforms share the same automation scripts? (Choose two.)
? MX Series
? vMX Series

What are two components of the ETSI Management and Orchestration (MANO) framework? (Choose two.)
virtualized network function manager (VNFM)
Network Functions Virtualization (NFV) orchestrator

Your engineering team has identified a problem. Whenever an application becomes popular, the resulting high-traffi c load on the VNFs leads to user dissatisfaction.
Which Contrail feature would be used to solve this problem?
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The vMX Series provides which two benefits? (Choose two.)
The vMX Series uses carrier-grade routing optimized for the x86 environment.
The vMX Series requires a license for production environments.

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An SDN controller centralizes control and configuration of a network.
An SDN controller automates repetitive tasks in a network.

Which statement is true regarding an OpenFlow controller-based software defined network?
The forwarding plane of each device in the network is programmed by the controller.

Which protocol is used to communicate management information between a VMware NSX controller and a Junos L ayer 2 gateway?
? OVSDB

Which statement is true about the vSRX Series and VMware NSX integration?
You can add the vSRX virtual firewall as a security element in the VMware NSX environment.

Which Junos Space application integrates with both VMware vSphere and VMware NSX solutions to automate the movement of VLANs between physical and virtual servers?
? Network Director

Which two compute hypervisors are supported for Contrail? (Choose two.)
? ESXi
? KVM

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to store infected files for further analysis

Which two actions would Policy Enforcer take when it determines a user has downloaded a file containing malware?

(Choose two.)
? Block the user from accessing the network.
? Put the user in a quarantine VLAN.

What are two components of the Juniper Networks SDSN solution? (Choose two.)
? centralized management
? enforcement everywhere on the network

Which statement is true about Junos Space Security Director?
Security Director is a centralized security policy manager.

Which Juniper product provides insight into the underlay and overlay network at the same time?
? Contrail Analytics