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830-01

RCPE Certified Professional WAN Optimization

Version 1.0

Exam A

QUESTION 1

What do you need to ensure when connecting a SteelHead to a Hardware Security Module?

A. Access is required for both server-side and client side SteelHead appliances to the HSM
B. The in-path interface must be at least 10Gbps
C. The HSM and the in-path interfaces must share the same default gateway
D. The latency between the in-path interfaces and the HSM must be kept to a minimum
E. The latency between the auxiliary or Primary interfaces and the HSM must be kept to a minimum

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2 For optimized encrypted MAPI, is the inner channel
encrypted by default?

A. Yes, always
B. No
C. Only for MS Exchange 2003 and later
D. Yes, but this is configured on the server

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/setupServiceProtocolsMAPI.html

QUESTION 3 Which report displays the rate of established SSL
connections?

A. WAN Throughput
B. Traffic Summary
C. SSL
D. Current Connections

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/reportSSLStatistics.html

QUESTION 4
A customer is complaining that all optimized connections to their internal website cause a splash screen indicating an untrusted certificate. If the users click to accept the risks and add a security exception in their browsers, it all works fine.
What is a likely cause?

A. The proxy certificate in the server-side SteelHead appliance is not trusted by the client browser
B. The SteelHead Peering Certificates have expired
C. The proxy certificate on the client-side SteelHead appliance is not trusted by the client browser
D. The server-side SteelHead does not trust the server certificate
E. The server-side SteelHead appliance has not joined the Domain properly

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Authentication fails for certain users after configuring the joining of the server-side SteelHead appliance to the domain as a read-only domain controller (RODC). What is the most likely issue?

A. The users have local branch file servers
B. There is an incorrect Short Domain Name (NETBIOS name)
C. There's an incorrect domain controller
D. These users exclusively make use of Kerberos authentication

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
You join a SteelHead appliance to a domain as Active Directory Integrated (Windows 2008 and later). How will this appear in Active Directory?

A. As a Regular Domain Controller
B. As a Read-Only Domain Controller
C. As a Writable Domain Controller
D. As a PDC Emulator

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7 You have a Windows server that negotiates SMB3 encryption with the client. If you enable SMB3 optimization, but do not configure signing on the SteelHead, will there be any latency optimization?

A. Yes, but you won't have SDR/LZ
B. Yes, and you still have SDR/LZ
C. No, but will still have SDR/LZ
D. No, and you won't have SDR/LZ either

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/setupServiceProtocolsSMB2.html

QUESTION 8
What is the purpose of creating an account in Active Directory with Replication User privilege for the use of the SteelHeads?

A. It allows SteelHeads to authenticate users on behalf of the Domain Controllers
B. It allows SteelHeads the ability to automatically run backups to a SMB file share within a Windows Domain
C. It enables the SteelHead admins to authenticate with Active Directory when managing the SteelHeads

D. It allows the optimization of encrypted MAPI and SMB3/3 traffic using end-to-end Kerberos authentication

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9 Which statement is true about NFS
optimization?

A. NFS cannot be optimized due to its proprietary encryption mechanism
B. All NFS is optimized with both bandwidth and latency
C. NFS v2 & v4 can be optimized with bandwidth only, v3 can attain both bandwidth & latencyD. NFS can only be optimized using packet mode optimization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/setupServiceProtocolsNFS.html

QUESTION 10 What does the SaaS Accelerator Manager (SAM) use to calculate the capacity of service instances in the SaaS service cluster based on the type
of application?

A. Bandwidth
B. Throughput
C. Total Data Reduction
D. Number of users

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiO7quJwfbvAhVRe8AKHb4BDPMQFjAAegQIBxAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fbin%2Fsupport%2Fdownload%3Fdid%3D3h2gbqnl1rsd1qht52p4lv0jmo%26version%3D1.1.0&usg=AOvVaw03c4Pw410CVIelxu35_gJf

QUESTION 11 In which type of computing does the cloud provider provide users with the platform and environment to develop, manage, and run applications over
the Internet?

A. IaaS
B. PaaSC. SaaS
D. YaaS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://rubygarage.org/blog/iaas-vs-paas-vs-saas

QUESTION 12
You raise a support case at Priority 2 - High. How soon can you expect a response from Riverbed Support?

A. 1 hour
B. 4 hours
C. 8 hours

D. 24 hours

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.immixgroup.com/uploadedFiles/Documents/Contract_Documents/GSA/GS-35F-0511T/tcs_RIVERBED_GS-35F-0511T.pdf (7)

QUESTION 13 Which diagnostic tool contains a copy of the historical statistics, logs, and configuration data
on the system?

A. Traffic Summary
B. Process Dump
C. System Logs
D. System Dump

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14 The maximum TCP option field size is
_____ bytes.

A. 64
B. 32
C. 60
D. 40

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15 In which of the following Transparency Modes do the Client and Server retain their own IP addressing
across the WAN?

A. Correct Addressing
B. Port Transparency
C. Full Transparency
D. All of the above

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/17qudtqont75l258qrbn4maj75/html/1mk0rjev5snblam40lgbg0mrgp/sh_9.5_dg_html/index.html#page/sh_9.5_dg/network_trans.html

QUESTION 16 What is the benefit of configuring Datastore Sync between
SteelHeads?

A. It allows up to four SteelHeads in a cluster access to the same datastore
B. It gives high availability to the warm data patterns in exactly two SteelHeads

C. It allows for seamless transition when upgrading to a larger SteelHead
D. It allows for seamless transition from a physical to a virtual SteelHead
E. It allows more efficient use of references by synchronizing them end-to-end between branch and datacenter

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/setupServiceDatastore.html

QUESTION 17 Which of these are
true statements?

A. Transparency is a global setting affecting all in-path interfaces
B. Transparency for SSOOP can only be achieved using the CLI and not the GUI
C. Port Transparency utilizes the connection pooling function, but Full Transparency cannot
D. Addressing is transparent to the client and server using in-path deployments, but not when using SSOOPE. Transparency is a setting only relevant to cloud deployments

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18 What is required for optimization to occur when deploying SteelHeads on an
802.1Q trunk?

A. A single IP address routable to the in-path interface of the remote SteelHead
B. An IP address configured on all VLANs where optimization is required
C. A single IP on a VLAN and all traffic set as Correct Addressing
D. A single IP address on the default VLAN and Simplified Routing set to none
E. Full Transparency as a catch-all in-path rule and Simplified Routing set to Destination Only

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/phys_inpath_designs.html

QUESTION 19 When a SteelHead is on a VLAN trunk, what is the required simplified
routing setting?

A. Destination and Source
B. All
C. None
D. Destination Only

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/phys_inpath_designs.html **QUESTION 20** Which SteelHead appliance
deployment mode uses the Primary interface for optimization?

A. Virtual in-path
B. Physical in-path
C. Serial Cluster
D. Server-Side Out of Path (SSOOP)
E. Interceptor

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
You should use a _____ cable to the WAN0_0 interface if you are connecting to a switch interface, and a _____ cable to the WAN0_0 interface if you are connecting to a router interface.

A. Straight-through, Crossover B.
Crossover, Straight-through
C. Straight-through, Straight-through
D. Crossover, Crossover

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/pbr.html

QUESTION 22 What is the purpose of configuring
Subnet-Side Rules?

A. Subnet-Side Rules are part of the Topology configuration and help with Path Selection and Secure transport
B. In an in-path deployment, Subnet-Side Rules mean you can disable Simplified Routing (for example, HSRP deployments)
C. Interceptor appliances require subnet side rules to find their LAN subnets
D. In Virtual in-path deployments, it tells the SteelHead appliances whether traffic originates from logical LAN or logical WAN side

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23 In virtual in-path deployments, such as PBR, what
is never used?

A. Subnet-side rules
B. A fake SNMP if-index
C. LAN interface
D. WAN interface

Correct Answer: B
Section: (none)
Explanation
Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/logical_inpath.html

QUESTION 24

During normal operation of a WCCP cluster, Hash or Mask prevent asymmetry; however, in periods of failover this may not be the case. What should you do to prevent asymmetry during a failover?

A. Disable "Allow Neighbor Failure"
B. Apply QoS to the OOB connections
C. Configure a backup Designated Web Cache (DWC)
D. Ensure fully meshed Connection Forwarding is configured

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25 In a Quad Interceptor deployment with two paths, what are the correct settings to configure for
High Availability?

A. Fail-to-wire and allow neighbour failure
B. Fail-to-wire and do not allow neighbour failure
C. Fail-to-block and allow neighbour failure
D. Fail-to-block and do not allow neighbour failure

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26 In an Interceptor cluster, what types of information do Interceptors share
with each other?

A. In-path rules
B. Load balancing rules
C. RAM, CPU, and Disk Pressure
D. NAT tables
E. SDR Segment information

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/v48mtqiuqbei8pcipp53hfucfh/html/7oisbrplr93i2348nhnc8u091j/ic_7.1_dg_html/index.html#page/ic_7.1_dg_html/clusters.html

QUESTION 27 Which term describes an environment where customers use a shared facility, but are
logically separated?

A. Full transparency
B. Unique
C. Cluster
D. Multitenancy

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28 Which neighbour IP address must be specified when configuring
connection forwarding?

A. Any
B. In-Path
C. Auxiliary
D. Primary
E. Management IP

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/pcr9vojfp932f0gmdicklcnkmq/html/iu06209f7na4qeqjk1le65qpu2/sh_ex_5.5_ug_html/index.html#page/sh_ex_5.5_ug_html/setupAdvNet_forwarding.html

QUESTION 29 Which of the following are advantages of a Virtual In-path Policy-based Routing (PBR)
deployment?

A. Can be client or server side
B. Asymmetry tolerant
C. Compatible with IP v6
D. Compatible with vast majority of routers
E. All of the above

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjEs7uG5vbvAhXPasAKHfUgBJAQFjAGegQIAxAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fbin%2Fsupport%2Fdownload%3Fdid%3Doahqfgcn7gn062lbjvheud4lur%26version%3D9.9.0&usg=AOvVaw2VQ8M7xDUwXPLX5Qc8wpXv

QUESTION 30
Concerning SCCM High Availability, in the event of an SCCM failure, the remaining SCCM(s) assume all the licenses for how many days?

A. 10
B. 20
C. 30
D. 60

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 SteetHead Mobile uses endpoint concurrent licensing. What
does that mean?

A. Any number of client installations are allowed, but the license limits the maximum number of clients optimizable at any one time
B. The license restricts the number of concurrent optimizable sessions on any one server-side SteelHeadC. The license limits the number of concurrent client package
   installations
D. Concurrent licensing means when the maximum number of licenses is reached, the administrator must manually deactivate old or unused licenses

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32 What is the definition of an 'endpoint' regarding SteelHead Mobile
deployment?

A. A specific mobile client and its associated settings
B. The local SteelHead appliance and its associated settings
C. The server-side of a given connection
D. The Mobile Controller

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fifejjli0knh1gdna7gbip8s9m/html/tmlgtp60b9k3hsqtsp8iidldkr/shm_6.1_icg_html/index.html#page/shm_6.1_icg_html/shm_overview.html

QUESTION 33 What is the definition of a 'package' regarding SteelHead Mobile client
configuration?

A. A bundle of the current and previous Mobile Client software versions
B. A combination of the Mobile Client software and Policy
C. An association of end-users to packages and policies
D. A combination of two mobile clients paired for high availability
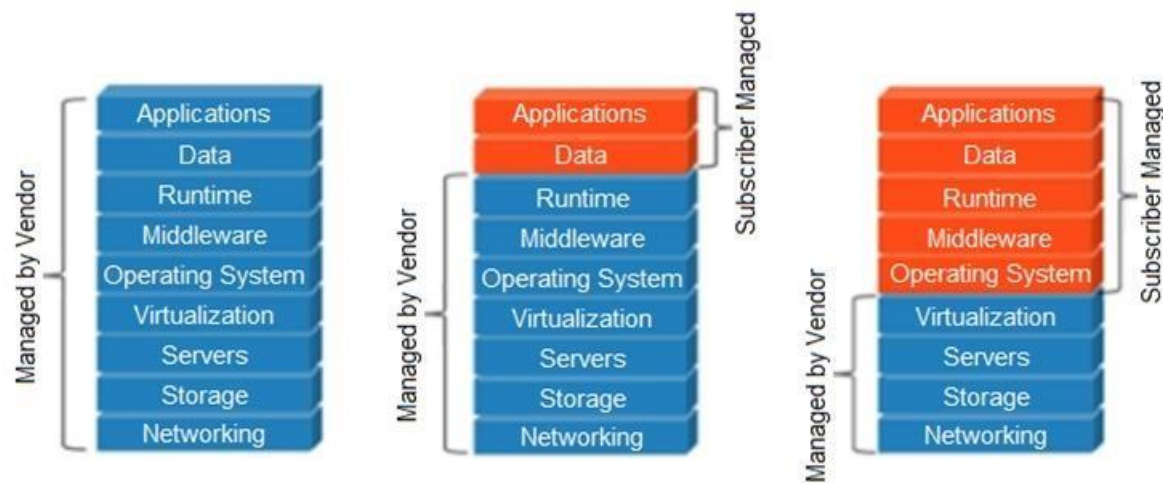
Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
Examine the image. From left to right, which labels correctly describe the three columns?

A. SaaS, IaaS, PaaS
B. SaaS, PaaS, IaaS
C. IaaS, SaaS, PaaSD. PaaS, SaaS, IaaS

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
Which software component installed in the cloud assists client-side SteelHead appliances in locating peer SteelHead-c appliances on the server side?

A. SteelHead-v
B. SteelCentral Controller for SteelHead
C. Riverbed Discovery Agent
D. Riverbed Cloud Portal

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/v8dmf7ev3pjoqjj1v58th4eovd/html/km87e0u7eo11rva2akq6s7n9un/sh_cloud_9.10_ug_html/index.html#page/sh_cloud_9.10_ug_html/steelhead-c_models_specs.html

QUESTION 36 In a Cloud deployment, what is meant by the term
"Optimization Group"?

A. A group of Users located across different Branches all accessing Optimized Servers located in the Cloud
B. A group of SteelHead appliances located in the cloud and configured to be in the same SCC appliance group
C. A group of SteelHead appliances and their Optimizable hosts, i.e., those running a Discovery Riverbed AgentD. A group of Branch-located clients associated to an organization by the Riverbed Portal

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
Regarding Bypass support (fail-to-wire) using the VMware Direct Path feature, what is the in-path pair limit?

A. 1
B. 2
C. 3
D. 4

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwirndGW6fbvAhXCnFwKHYAMC28QFjADegQIAxAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fbin%2Fsupport%2Fdownload%3Fdid%3Df61qbecfce2t3gqfm3m28bdqi1%26version%3D9.9.0&usg=AOvVaw1dLLHWZ91l-coOGVs9yieP (19)

QUESTION 38
Assume you are deploying SteelHead-v on VMware ESXi.
Which mode enables the system to accept any MAC address?

A. Transparent mode
B. Simplified Routing
C. Enhanced Auto-discovery

D. Promiscuous mode

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39 When installing SteelHead on Microsoft Hyper-V, if RiOS logs messages related to missing disks, what
should you do?

A. Ensure that the RiOS Data Store disk is present and is in slot 1 of controller 0
B. Ensure that the RiOS Data Store disk is present and is in slot 3 of controller 1
C. Check the VM settings and very that synthetic NICs are in use and the associated cards are connectedD. Verify that the lan0_0 and wan0_0 interfaces are mapped to the correct NIC on the Windows server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/5dmuo8qo6ci1inmbo174n3234j/html/iiteb5endqjlbm8a7d9l6pimi/sh_v_9.5_icg_html/index.html#page/SH-v%20Updates/hv_install.html

QUESTION 40
If you have changed your Secure Vault password, and subsequently lose the password, which of the following statements are true?

A. The Administrator can supply a password
B. If an appliance reboots and the administrator is not present to supply the password, the sensitive data on the SteelHead will be inaccessibleC. The password can be reset only after erasing
all the information contained within the secure vault D. All of the above

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 Encrypting the Segstore can affect performance and in most cases is
_____.

A. critical
B. not necessary
C. required
D. recommended

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 42 What is the purpose of the advertised window field in the
TCP header?

A. To negotiate Window Scaling at the start of the session
B. To announce the current state of the TCP input buffer of the receiving device
C. To negotiate the MTU at the start of the session
D. To negotiate the MTU at the beginning of the session
E. To negotiate the MSS at the start of the session

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43 When using SCPS, what is the purpose of a "Single Ended
Connection Rule"?

A. It offers the use of the SCPS TCP stack from a SteelHead appliance to a third party TCP-PEP
B. It allows for the optimization of UDP traffic
C. It allows for Server-Side Out-of-Path Topology
D. It prevents connection initiated in the reverse direction (DC to Branch)

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/7ge237o42j2b1q1arhosl5h15i/html/s7lhbrmkp1vu6a76uj8oervuu0/sh_ex_4.5_ug_html/index.html#page/sh_ex_4.5_ug/setupServiceTransportRules.html

QUESTION 44 The algorithm to avoid congestion and buffer overflow
is called what?

A. Fast recovery
B. Congestion avoidance
C. Slow Start
D. Fast retransmit

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/7ge237o42j2b1q1arhosl5h15i/html/s7lhbrmkp1vu6a76uj8oervuu0/sh_ex_4.5_ug_html/index.html#page/sh_ex_4.5_ug/setupServiceTransportRules.html

QUESTION 45 Quality of Service rules place traffic flows into classes. Which of the
following is true?

A. A rule places traffic into the Root class and is then dependent on further rules in the hierarchy
B. A rule places traffic into any class other than the Root class
C. A rule places traffic into any leaf class
D. A rule can only mark traffic with the DSCP, which is then used by the SteelHead appliance for queuingE. A rule places traffic into any class the admin chooses

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwj7iabh9PbvAhVxQRUIHU5hBRYQFjABegQIAxAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fdownload.htm%3Fdid%3D57dofaff8c8namsjhd7e091dv&usg=AOvVaw3TTmf_PpyW_tSu6_II-TQy

QUESTION 46 What happens to traffic that misses classification, or is an unknown application with
regard to QoS?

A. It is governed by the link share weight parameter of 10% of the available bandwidth
B. It is subject to whatever is set for the Default QoS rule

C. It is put into the Best Effort queue
D. It remains in the Normal queue
E. It is not subject to QoS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/qos.html

QUESTION 47
What decimal DSCP value corresponds to AF21?

A. $(8 \times 2) + (1 \times 1) = 17$
B. $(6 \times 2) + (2 \times 1) = 13$
C. $(7 \times 2) + (2 \times 1) = 16$
D. $(8 \times 2) + (2 \times 1) = 18$

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.sophos.com/nsg/sophos-firewall/v17.1.4/Help/en-us/webhelp/onlinehelp/index.html#page/onlinehelp/DSCPValue.html

QUESTION 48
In which Path Selection probing technique do the SteelHead appliances gradually reduce the probing frequency to remote sites that have no traffic?

A. Rate Limited Bandwidth Probing
B. Traffic Aware Backoff Probing
C. Path Selection Aware Probing
D. Subset Probing on the SteelHead appliances

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/oksf8h0os0pck6pv42smvag77t/html/cpgnmrv4gncrfusdps4s1lk261/scc_9.2_ug_html/index.html#page/scc_9.2_html/migration.html

QUESTION 49
When configuring Path Selection on Interceptor Appliance Clusters, which of the following guidelines does NOT apply?

A. Static routes must be defined on Interceptors
B. SteelHead appliances must have Subnet Side rules configured
C. Local Site Subnets need to be configured in the Topology
D. Fair Peering V2 disabled on the Interceptor appliances
Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/573cgr7efm52ns9i17r0e8cjgc/html/n04m5d0l32n2lmo91otf33h193/scc_9.9_ug_html/index.html#page/scc_9.9_ug_html/sh_setupPathSelectionClusters.html

QUESTION 50 Which probing technique ignores uplinks not mentioned in the Path
Selection rules?

A. Subset Probing on the SteelHead appliances
B. Rate Limited Bandwidth Probing
C. Path Selection Aware Probing
D. Traffic Aware Backoff Probing

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjxuZ7l9vbvAhUhpnEKHZtCCW4QFjAHegQIFxAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fbin%2Fsupport%2Fdownload%3Fdid%3D8m8414u6q0s5olsk8qv6iba6ve%26version%3D9.10.0a&usg=AOvVaw0rtDPWjJDRaIiPxWwkUxKM

QUESTION 51 In Rate Limited Bandwidth Probing, what is the effect of decreasing the probing bandwidth?

A. Increase the link share weight
B. Decrease the link share weight
C. Decrease the failover time
D. Increase the failover time

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/phgl67hd44jskkit7deak1smbr/html/n5i54964dnbimrt47k8neli96h/scc_9.7_ug_html/index.html#page/scc_9.7_ug_html/migration.html

QUESTION 52 In which functional plane of Secure Transport are the encryption keys distributed and rotated?

A. Cluster Plane
B. Management Plane
C. Group Plane
D. Control Plane

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53 Which of the following steps is NOT part of the Configure Secure Transport workflow?

A. Push the configuration
B. Complete the Topology
C. Enable Path Selection and include in the Push
D. Use SCC to generate and distribute a pre-shared key for the IPSEC VPN

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54 Which of the following is a true statement about Secure Transport and
Secure Peering?

A. Both can use SSL or IPSec
B. Secure Transport can encrypt all traffic, Secure Peering can encrypt only optimized traffic
C. Secure transport is a cost option, Secure Peering is built in
D. Secure Transport is compatible with Secure Peering, but only when both are in SSL form
E. Secure Transport is compatible with Secure Peering, but only when both are in IPSec form

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/d6j3tb1i55ni1erbjp6e3fln9v/html/mhmppa9t9gq3laicvt0r91b1n7/sh_cx_9.2_ug_html/index.html#page/sh_cx_9.2_ug/setupAdvNet_encryption.html

QUESTION 55 With regard to Secure Transport, what statement is true about the Maximum Segment
Size (MSS)?

A. MSS is negotiated between the client and the server and is not altered in any way by the SteelHead appliances
B. MSS must be correctly configured manually on each SteelHead appliance
C. MSS is automatically negotiated by the SteelHead appliances for optimized and pass-through traffic
D. MSS must be set centrally by the SCC when configuring the Sites & Networks page
E. MSS is automatically negotiated by the SteelHead appliances, but only for optimized traffic

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/rt4i75hgms30icqvtg3df1a2ge/html/55698e06ksavhq637jn9mga965/scc_9.5_dg_html/index.html#page/scc_9.5_dg_html/secure_transport.html

QUESTION 56 What describes the number of bytes that the receiver is capable of accepting at any
point in time?

A. Maximum Segment Size (MSS)
B. Receive Window (advertised window)
C. Application Turns
D. Tx Window (cwnd)

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
The Window field in TCP allows for 2^{16} which equates to _____.
A. 16KB
B. 32KB
C. 64KB
D. 128KB

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.cs.uni.edu/~diesburg/courses/cs3470_fa14/sessions/s29/s29.pdf

QUESTION 58 What is the purpose of the TCP
Nagle Algorithm?

A. To avoid unnecessary retransmissions
B. To avoid unnecessary use of the Slow Start algorithm
C. To avoid many small segments by combining them
D. To segment large datagrams to fit within the MSS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59 Which protocol is connectionless, unidirectional, and carries
single messages?

A. UDP
B. TCP
C. XTC
D. RTT

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60 You have a default in-path deployment using auto-discovery with correct addressing. If you have a monitoring tool installed WAN-side of the SteelHead appliances, which IP addresses will you see for optimized connections?

A. Client-side SteelHead appliance's Secondary IP
B. Outer-path IPs of the SteelHead appliances
C. In-path IPs of the SteelHead appliances
D. Server-side SteelHead Primary IP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/17qudtqont75l258qrbn4maj75/html/1mk0rjev5snblam40lgbg0mrgp/sh_9.5_dg_html/index.html#page/sh_9.5_dg/designfund.html

QUESTION 61
In SteelHead auto-discovery, what is the value (in hex) of the TCP option used by the Steelhead appliance for the probe?

A. 0x4f
B. 0x4e
C. 0x4c
D. 0x76
E. 0x4b

Correct Answer: B

QUESTION 62 In the _____ deployment method, the SteelHead appliance is not in the direct path between the client
and the server.

A. WCCP
B. LACP or Etherchannel
C. Serial Cluster
D. Parallel cluster

Correct Answer: A

QUESTION 63 What is the reason to specify the option "with Reset" when choosing Full Transparency on
an in-path rule?

A. When deploying Path Selection with direct access Internet
B. When web traffic is backhauled to the DC and going through a proxy server
C. When you need to force a client to send a SYN to the LAN interface for pre-existing connections
D. When a stateful firewall is WAN side of the SteelHead appliance
E. When it is impractical to set the Auto-kickoff option

Correct Answer: C

QUESTION 64 SteelHead appliances typically use the _____ interface as a source for all communication other than
optimization.

A. In-path
B. LAN
C. Aux
D. Primary
E. WAN

Correct Answer: D

QUESTION 65
Which SteelHead transparency option is used by default for the OOB connection established between two SteelHead appliances?

A. none
B. translate
C. destination

D. full
E. port

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/fbunsuuo632vi3jrspe0evbko9/html/u2pi6l52l4drmhq3uhck9tu7hm/sh_9.2_dg_html/index.html#page/sh_9.2_dg/network_trans.html

QUESTION 66 Which peering rule action indicates the receiving SteelHead appliance does not respond to the probing SteelHead, and allows the SYN+ probe packet to continue through the network?

A. Deny
B. Pass
C. Auto
D. Idle
E. Accept

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/vj4lol5qs8idnvnlsi32dcriic/html/v73dpv1oehanubk8eu550pu79p/scc_9.5_ug_html/index.html#page/scc_9.5_ug_html/sh_setupAdvNet_peering.html

QUESTION 67
Which peering rule setting enables appliances to pass through traffic without optimizing it when the latency between the peers is below the configured threshold?

A. Location Awareness
B. Round-trip reduction
C. Enable Latency Detection
D. Latency Optimization Policy

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/f3063vrj49je2e3oqjbub9gbfc/html/9e3e5n9lnsq2vu6cva2984jsj7/sh_cx_9.9_ug_html/index.html#page/sh_cx_9.9_ug_html/setupAdvNet_peering.html

QUESTION 68
You can use latency detection policies to globally manage how peer SteelHead appliances determine whether to pass through traffic or to continue to optimize it.

Which appliance calculates the latency?

A. Mobile Controller
B. Server-side SteelHead Appliance
C. Interceptor Appliance
D. Client-side SteelHead Appliance

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/573cgr7efm52ns9i17r0e8cjgc/html/n04m5d0l32n2lmo91otf33h193/scc_9.9_ug_html/index.html#page/scc_9.9_ug_html/migration.04.1.html

QUESTION 69
Which of the following enables you to automatically configure new SteelHead appliances or send configuration settings to existing Steelhead appliances in remote offices?

A. Virtual Desktop Infrastructure (VDI)
B. SteelHead Cloud Accelerator
C. SteelConnect
D. SteelCentral Controller (SCC)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/lojb8lmhcb9iolic4ub4ho7hcv/html/pdc9lt2nj3782sckkl4532bdna/sh_sd_2.12_icg_html/index.html#page/sh_sd_2.12_icg_html/overview.html

QUESTION 70 What can the SCC use to create consistent configurations across a group of SteelHead
appliances?

A. Interceptor appliances
B. Collectors
C. Appliance Pages
D. Analyzers
E. Policies

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/rt4i75hgms30icqvtg3df1a2ge/html/55698e06ksavhq637jn9mga965/scc_9.5_dg_html/index.html#page/scc_9.5_dg_html/overview.html

QUESTION 71
Which SCC dashboard value summarizes the overall inbound and outbound bandwidth savings for your network at specified time intervals?

A. Bandwidth Optimization
B. Site Status
C. Top ApplicationsD. Byte counts

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/sklqoq7ptsgfmo99cihbdcga8j/html/qt2gmb7u888t91mdben69sa1op/scc_9.9.1_ug_html/index.html#page/scc_9.9.1_ug_html/home.html

QUESTION 72 Which option on the SteelHead appliance speeds up the delivery of objects to the client when URL Learning and parse and prefetch are being used by reusing the same credentials for an already authenticated session?

A. Reuse Auth
B. Gratuitous 401
C. Strip Auth Header
D. Force NTLM

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
Which technique does NOT leverage a URL to avoid the cold pass for the first user accessing a given data set?

A. URL Learning
B. Stream Splitting
C. Parse and Prefetch
D. HTTP Prepopulation

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwj3t_Kct_nvAhU3ZxUIHZOVBqQQFjACegQIBBAD&url=https%3A%2F%2Fsupport.riverbed.com%2Fbin%2Fsupport%2Fdownload%3Fdid%3D89&usg=AOvVaw1yYWY919YKIvVt61aM0qcg (50)

QUESTION 74
With _____ authentication, a client can retrieve a single object with a single authentication.

A. per-request
B. per-connection
C. per-server
D. per-use
E. per-se

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/lrj6rq1evg0fnm7pekuq3j2md1/html/vte4p5uj2dkg9k1ukjv82835ci/sh_9.2_dg_protocols_html/index.html#page/sh_9.2_dg_protocols/http.html

QUESTION 75 What is the purpose of HTTP Automatic
Configuration?

A. Automatically initiate an evaluation of traffic to a new web server to determine the most optimal setting
B. Auto-generate web SSL certificates to a new web server
C. Automatically detect non-standard HTTP ports for optimization
D. Allow server-side SteelHead appliances to automatically connect to web servers

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.riverbed.com/bin/support/static/lrj6rq1evg0fnm7pekuq3j2md1/html/vte4p5uj2dkg9k1ukjv82835ci/sh_9.2_dg_protocols_html/index.html#page/sh_9.2_dg_protocols%2Fhttp.html%23ww295009