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QUESTION 1

The CIFS latency optimization feature provides which performance benefits? (Choose two.)

- A. Read-ahead and write-behind optimizations
- B. Data reduction over the WAN
- C. Latency reduction through transaction prediction
- D. Data encryption over the WAN

Correct Answer: BC

CIFS optimization focuses on reducing the impact of WAN round-trip latency of common application and system behavior.

RiOS can perform full latency and bandwidth optimization securely for SMB signed traffic.

References:

<https://support.riverbed.com/bin/support/static/lrj6rq1evg0fnm7pekuq3j2md1/html/vte4p5uj>

[2dkg9k1ukjv82835ci/sh_9.2_dg_protocols_html/index.html#page/sh_9.2_dg_protocols/cifs.html](https://support.riverbed.com/bin/support/static/lrj6rq1evg0fnm7pekuq3j2md1/html/vte4p5uj2dkg9k1ukjv82835ci/sh_9.2_dg_protocols_html/index.html#page/sh_9.2_dg_protocols/cifs.html)

QUESTION 2

You have a SteelHead with paths over a public and a private network. You want to encrypt the traffic which goes via the public network. Which are the relevant SteelHead configuration requirements? (Choose two.)

- A. The peer SteelHead must be marked as a Cloud SteelHead in the local SteelHead peering table.
- B. The network must be set to '\\public\\' by ticking the '\\Public Network\\' box in the configuration.
- C. A SteelCentral Controller for SteelHead must be used to push the secure transport configuration.
- D. The In-Path IP address of the SteelHead must be in public address space.

Correct Answer: B

B: Because secure transport was built taking hybrid networking into account, you can configure a private and public IP address. The public IP address relies on reachability over a network marked Public. This configurations allows the controller to first be reached over the private network and then the public network.

C: The management plane is configured on the SCC using SSL and SSH secured communications, in which you create and distribute the path selection policy. When a network is marked as securable, it indicates that the SteelHead will join a group of other SteelHeads that can encrypt traffic. The SCC pushes the path selection policy to all the SteelHeads.

Incorrect:

Not D: The configurations allows the controller to first be reached over the private network and then the



public network. The private and public IP addresses do not need to come from the same in-path interface. With the stp-client controller in-path enable command, the data center SteelHead (DC-SH) uses the private and public IP addresses from the same in-path interface, while the branch office SteelHead (BR-SH) uses the private and public IP addresses from different in-path interfaces.

References:

<https://support.riverbed.com/bin/support/static/mcmq1o68fbs27lqc5798c4p8m6/html/ak9u1>

[115aieef8qcb43mjgf98d/scc_9.2_dg_html/index.html#page/scc_deploy_9.2/secure_transp ort.html](https://support.riverbed.com/bin/support/static/mcmq1o68fbs27lqc5798c4p8m6/html/ak9u1115aieef8qcb43mjgf98d/scc_9.2_dg_html/index.html#page/scc_deploy_9.2/secure_transp%20ort.html)

QUESTION 3

By default, when a SteelHead fails, either by power loss or optimization service failure, the appliance:

- A. Blocks all traffic.
- B. Routes all traffic.
- C. Passes through all traffic.

Correct Answer: C

QUESTION 4

Which of the following MAPI application-specific optimizations can be performed by Steelhead appliances?

- A. Read ahead on attachments
- B. Read ahead on large emails
- C. Write behind on attachments
- D. Write behind on large emails
- E. All of the above

Correct Answer: E

QUESTION 5

If a file is not optimized for more than one user at a time, this indicates:

- A. Steelhead appliance has entered admission control
- B. Steelhead appliance is configured with the incorrect speed or duplex on the Primary interface
- C. Steelhead appliance is configured with the incorrect speed or duplex on the in-path interfaces



- D. Steelhead appliance is not able to acquire a "File Hold Key (FHK)"
- E. Steelhead appliance is not able to acquire an "Opportunistic Lock (oplock)"
- F. Steelhead appliance is not able to acquire a "Double Link (doulink)"

Correct Answer: E

QUESTION 6

What are valid datastore encryption types? (Select 4)

- A. No encryption
- B. AES_128
- C. AES_64
- D. AES_256
- E. AES_192

Correct Answer: ABDE

QUESTION 7

An employee who has just installed Steelhead Mobile onto her workstation notices that she never gets any reduction. It always says 0%.

The status of the Mobile client appears to be:

Optimization State: Healthy

Controller Status: Connected: Branch

The reason she is seeing 0% reduction statistics is: A. Location Awareness is in effect

- B. The Steelhead appliance in the branch office has currently failed
- C. There are no more Steelhead Mobile licenses available
- D. The Steelhead Mobile Controller is not available as it has been relocated to a branch office
- E. Steelhead Mobile does not work on workstations, only laptops

Correct Answer: A

QUESTION 8



In which menu of the Steelhead Management Console do you configure WAN visibility modes?

- A. In-Path Rules
- B. Peering Rules
- C. Connection Forwarding
- D. Services
- E. Simplified Routing

Correct Answer: A

QUESTION 9

Which statement about virtual SteelHead is NOT true?

- A. It supports Quality of Service and Path Selection.
- B. It can fail to wire using VMware direct bypass feature from ESX 5.0 when utilising a Riverbed hardware bypass card.
- C. It only supports one in-path interface and must be deployed virtually in-path.
- D. It can perform auto discovery in an in-path deployment.
- E. It can perform auto discovery in a virtual in-path deployment.

Correct Answer: C

Out-of-Path Deployment is possible.

For a virtual out-of-path (OOP) deployment, connect the primary interface to the physical in-path NIC to be used, and configure the router to forward traffic to this NIC. You must also enable OOP on Virtual Steelhead.

References: Virtual Steelhead Installation Guide, Version 1.0 (RiOS v7.0.3), July 2012, page 13

<https://support.riverbed.com/bin/support/download?did=624>

QUESTION 10

Steelhead appliances models vary by supported bandwidth. This bandwidth refers to:

- A. All inbound and outbound traffic
- B. All outbound traffic
- C. All optimized inbound and optimized outbound traffic
- D. All optimized outbound traffic



E. VoIP traffic only

Correct Answer: D

QUESTION 11

With a server-side Interceptor deployment, once a TCP handshake has been completed between the server-side SteelHead and the server, how will data packets sent from the server get forwarded to the server-side SteelHead?

- A. Destination NAT is performed on the Interceptor, changing the destination IP address from the client IP to the SteelHead's IP.
- B. The server sees the IP address of the SteelHeads in-path interface as its client, so there is no need for the Interceptor to forward it.
- C. They are GRE-encapsulated by the Interceptor, and forwarded using the SteelHead IP.
- D. The Interceptor tunnels them over the connection using port 7850 to the SteelHeads.
- E. The Interceptor applies the MAC address of the SteelHead's in-path interface and forwards at layer 2.

Correct Answer: A

Once the initial handshake is completed, the interceptor use destination NATs packets to the steelhead so you will not see this traffic if you are filtering on the original client and server address. References:

<https://splash.riverbed.com/thread/5512>

QUESTION 12

What is the command to return a Steelhead appliance back to factory defaults?

- A. (config) # restart factory reload
- B. (config) # reload factory
- C. (config) # restart clean
- D. (config) # reload clean empty
- E. (config) # reset factory reload

Correct Answer: E

QUESTION 13

If the Steelhead Mobile client optimization is being blocked by the client firewall, you must set which port on the client firewall to allow incoming traffic?

- A. 7744
- B. 7800



C. 7801

D. 7810

E. 7820

Correct Answer: C

QUESTION 14

In what file system can the Steelhead Mobile client software be installed?

A. FAT

B. NTFS

C. FAT32

D. UFS

E. EXT3

Correct Answer: B

QUESTION 15

Which TCP option (probe) is used on the Steelhead Mobile client for auto-discovery?

A. 0x4c

B. 0xc4

C. 0xd4

D. Steelhead Mobile client must use fixed-target rules

Correct Answer: A

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