



101-01^{Q&As}

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**QUESTION 1**

You have noticed that your connections through the Steelhead appliance are slower than without it. All TCP connections show as optimized in the web interface. You are also experiencing intermittent connectivity and periodic file errors. Of the following, what could be the most likely cause of this slowdown?

- A. Duplex mismatch on either the LAN or WAN interfaces or both
- B. Asymmetric Routing
- C. Link speed mismatch on either the Primary or AUX interface
- D. Packet ricochet is causing packets to consume bandwidth through the In-path interface
- E. Memory corruption has caused buffer overflow on write I/O to SDR on disk

Correct Answer: A

QUESTION 2

Clients connect to which interface on the SteelCentral Controller for SteelHead Mobile?

- A. Primary or aux
- B. Primary only
- C. Inpath0_0 only
- D. Aux only

Correct Answer: C

The InPath0_0 interface is used for optimized data transmission. It is used for client connect

Incorrect:

not A, not B: The primary interface is used for system management, RiOS data store synchronization, and SNMP.

Not D: In addition to using the primary interface, you can also use the auxiliary (AUX) interface for management.

References: Steelhead Appliance Deployment Guide, Including the Steelhead Mobile Controller, December 2013, page 175 <https://support.riverbed.com/bin/support/download?did=a53locldv9s5oc0agjp851iol>

QUESTION 3

What is the remote port used for on a Riverbed hardware appliance?



- A. Remote control using a modem or ISDN device
- B. IPMI "lights out" Remote control management
- C. Export of netflow statistics
- D. SteelFusion Edge device connection
- E. Data store synchronization

Correct Answer: B

To configure the remote management port

*

Physically connect the REMOTE port to the network. You cable the remote management port to the

Ethernet

network in the same manner as the Primary interface.

*

Install the IPMItool on the client machine.

*

Assuming the IP address is 192.168.100.100, the netmask is 255.255.255.0, and the default gateway is

192.168.100.1, assign an IP address to the remote management port.

Etc.

References: Stingray Services Controller Command-Line Interface Reference Manual, Version 2.0, December 2014, page 201 <http://www.brocade.com/content/dam/common/documents/content-types/command-reference-guide/brocade-services-director-comamnd-line-interface-reference-manual.pdf>

QUESTION 4

Which of the following database applications can the Steelhead appliance optimize with the Application Streamlining module?

- A. IBM DB2
- B. Sybase
- C. MySQL
- D. Microsoft SQL
- E. Great Plains

Correct Answer: D

**QUESTION 5**

Which of the following is NOT a valid in-path rule on the Interceptor appliance?

- A. Redirect
- B. Pass-through
- C. Discard
- D. Deny
- E. Fair-peering

Correct Answer: E

QUESTION 6

When deploying a Steelhead appliance server-side out-of-path in the data center, which configuration is necessary on the client-side Steelhead appliance in order for the design to function correctly?

- A. An auto-discover rule with the IP address of the server-side Steelhead appliance
- B. A fixed-target rule with the Primary IP address of the server-side Steelhead appliance
- C. A fixed-target rule with the IP address of the destination server
- D. No configuration is required

Correct Answer: B

QUESTION 7

What is the CLI command for starting the Configuration Wizard?

- A. # configuration wizard start
- B. (config) # configuration jump-start
- C. # configuration start
- D. (config) # wizard start
- E. restart clean

Correct Answer: B

QUESTION 8



After deployment of Steelhead appliances, a certain backup application shows poor bandwidth reduction. After disabling the backup application's native compression algorithm, the bandwidth reduction statistics on the Steelhead appliances suddenly improve significantly. Which of the following are likely causes for the increased bandwidth reduction?

- A. The native compression algorithm of the backup application could not be compressed further
- B. The application-level protocol used by the backup application is not recognized by the Steelhead appliances
- C. The Steelhead appliances were not able to effectively perform TCP optimizations
- D. There should be no difference between compressed and uncompressed traffic

Correct Answer: A

QUESTION 9

In a network where QoS classification and enforcement is being performed by the customer's carrier-managed WAN routers and QoS traffic classification is based on IP address and/or destination TCP port, what WAN visibility mode should be employed for TCP sessions optimized by the Steelhead appliances to maintain interoperability with the existing QoS strategy?

- A. Full Transparency
- B. Correct Addressing
- C. Port Transparency
- D. Port Mapping

Correct Answer: A

QUESTION 10

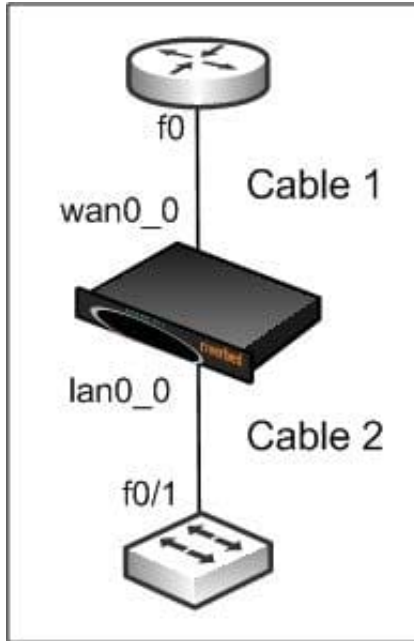
When MAPI prepopulation is enabled, what is default TCP keep-alive time used to prepopulate the Steelhead appliance with emails and attachments?

- A. 24 hours
- B. 48 hours
- C. 72 hours
- D. 96 hours

Correct Answer: D

QUESTION 11

Refer to the exhibit.



Which of the following correctly describes the combination of cable types used in a fail-to-wire scenario for the interconnected devices shown in the exhibit? Assume Auto-MDIX is not enabled on any device.

- A. Cable 1: Crossover, Cable 2: Crossover
- B. Cable 1: Straight-through, Cable 2: Straight-through
- C. Cable 1: Crossover, Cable 2: Straight-through
- D. Cable 1: Straight-through, Cable 2: Crossover

Correct Answer: C

QUESTION 12

What feature is not available for optimized connections when using Port or Full transparency over the WAN?

- A. Top Talkers report
- B. Quality of Service marking
- C. VLAN segregation
- D. Path Selection
- E. Connection Pooling

Correct Answer: E

Correct addressing, the opposite of transparent Addressing which includes Port or Full transparency, enables you to use the connection pooling optimization feature. Connection pooling works only for connections optimized using correct addressing. Connection pooling enables Steelhead appliances to



create several TCP connections between each other before they are needed. When transparent addressing is enabled, Steelhead appliances cannot create the TCP connections in advance because they cannot detect what types of client and server IP addresses and ports are needed.

Incorrect:

not B: If you manage IP address-based or TCP port-based QoS policies for optimized traffic on your WAN or WAN routers, you might use full address transparency or port transparency.

Not C: Full address transparency preserves your client and server IP addresses and port numbers in the TCP/IP header fields for optimized traffic in both directions across the WAN. VLAN tags can also be preserved.

Note: RiOS v6.0 or later offers the following options for configuring WAN visibility modes:

*

Correct Addressing - WAN-side connections use Steelhead appliance IP addresses and Steelhead appliance server ports.

*

Transparent Addressing - the following are Transparent Addressing options: ?Port Transparency - WAN-side connections use Steelhead appliance IP addresses but use TCP server ports that mirror the LAN-side connection. ?Full Transparency - WAN-side connections mirror all IP addresses and TCP ports used on the LAN-side connection. ?Full Transparency with Forward Reset - The same as Full Transparency, with an additional packet during auto-discovery to aid with integration of stateful network devices on the WAN.

References: Steelhead Appliance Deployment Guide, Including the Steelhead Mobile Controller, December 2013, pages 49-51 <https://support.riverbed.com/bin/support/download?did=a53locljdv9s5oc0agjp851iol>

QUESTION 13

Login to the CMC appliance can be authenticated against what type servers? (Select 3)

- A. RADIUS
- B. Local
- C. XAUTH
- D. TACACS+
- E. Kerberos

Correct Answer: ABD

QUESTION 14



Automatic registration of devices with the SteelCentral Controller for SteelHead (SCC) requires which one of the following?

- A. RiOS 8.0 for SteelHead and 4.0 for Interceptor
- B. The SCC must have joined the Windows domain
- C. Pre-trusted SSL certificates on the devices and SCC
- D. The serial number of the managed device to be preconfigured in the SCC
- E. The name "riverbedcmc" to be an entry in DNS resolving to the SCC primary IP address

Correct Answer: E

See last paragraph below.

To use automatic registration, prepare the appliance for registration with the SCC by entering the IP address or DNS-registered hostname of the SCC when you run the configuration wizard on the appliance. Riverbed recommends that you set up your DNS servers to resolve riverbedcmc to the primary interface IP address of your SCC. If you configure your DHCP servers to forward the correct DNS settings, any appliance added into the network and powered on should automatically register with the SCC. Alternatively, you can use the `cmc enable` and `cmc hostname` commands. If you do not change the default hostname, it remains riverbedcmc.

References: SteelCentral Controller for SteelHead Deployment Guide, May 2016, page 14 <https://support.riverbed.com/bin/support/download?did=mcmq1o68fbs27lqc5798c4p8m6>

QUESTION 15

Data store synchronization takes place over which interface or interfaces?

- A. Primary or Aux
- B. Wan0_0
- C. Remote
- D. Inpath0_0
- E. Lan0_0

Correct Answer: A

The traffic for RiOS data store synchronization is transferred through either the Steelhead appliance primary or auxiliary network interfaces, not the in-path interfaces.

References: Steelhead Appliance Deployment Guide Including the Steelhead Mobile Controller, December 2013, page 15 <https://support.riverbed.com/bin/support/download?did=a53locljdv9s5oc0agjp851iol>