

Riverbed

Exam 199-01

Riverbed Certified Solutions Professional - WAN Optimization

Version: 8.0

[Total Questions: 342]

Topic 1, Volume A**Question No : 1 - (Topic 1)**

You can monitor your Steelhead appliance disk performance using which reports? (Select 2)

- A. Data Store Cost
- B. Data Store Performance
- C. Disk Load
- D. SDR Hit
- E. Disk Pressure
- F. Disk Alarm

Answer: A,C

Question No : 2 - (Topic 1)

What happens to traffic when a Steelhead appliance reports admission control?

- A. Traffic will be interrupted
- B. The Steelhead stops the interception of new connections for optimization for as long as it is in admission control
- C. This is just a report and the Steelhead will continue to optimize traffic
- D. The Steelhead will start optimizing faster any new connections
- E. The Steelhead will shut down in less than a minute

Answer: B

Question No : 3 - (Topic 1)

Why should you use promiscuous mode on each in-path virtual NIC for Virtual Steelhead appliance? (Select 2)

- A. For LAN/WAN Virtual NICs to intercept traffic not destined for the virtual machine
- B. This configuration is mandatory for traffic optimization
- C. Promiscuous mode is not required
- D. Only verbose mode should be configured

E. Only regular mode should be configured

Answer: A,B

Question No : 4 - (Topic 1)

What deployment type supports fail-to-wire?

- A. Physical in-path
- B. Virtual in-path
- C. Out-of-path
- D. Virtual Steelhead appliance
- E. Proxy file server

Answer: A

Question No : 5 - (Topic 1)

Can you optimize FTP using Steelhead Mobile?

- A. Yes, this is possible on all FTP modes
- B. When using active FTP
- C. When using passive FTP
- D. It is not possible to optimize FTP traffic
- E. Only when there is no firewall enabled

Answer: C

Question No : 6 - (Topic 1)

Where are SDR references maintained on a Steelhead appliance?

- A. Persistent storage
- B. USB keys
- C. Flash storage
- D. RSP partition
- E. Configuration file

Answer: A

Question No : 7 - (Topic 1)

Which of the following features are available with the Virtual Steelhead appliance? (Select 2)

- A. RSP
- B. HSTCP
- C. Fail-to-wire
- D. PFS
- E. Datastore synchronization

Answer: B,E

Question No : 8 - (Topic 1)

What of the following are true when deploying the Virtual Steelhead appliance? (Select 2)

- A. Only use 10 Gbps link
- B. Never reserve virtual CPU
- C. Do not over provision physical RAM
- D. Always use SSD drives
- E. Do not share physical NICs

Answer: C,E

Question No : 9 - (Topic 1)

What information does the OVA package include about the Virtual Steelhead appliance? (Select 4)

- A. Virtual disks
- B. CPU
- C. Memory
- D. License
- E. Storage

Answer: A,B,C,E

Question No : 10 - (Topic 1)

When deploying a Virtual Steelhead appliance, how much extra memory should be allocated for the extra VMware overhead?

- A. 3%
- B. 4%
- C. 5%
- D. 10%
- E. 2%

Answer: C

Question No : 11 - (Topic 1)

What are the possible ways to downgrade a Virtual Steelhead appliance after it has been upgraded?

- A. Remove the upgrade license and restart the virtual Steelhead appliance
- B. Reinstall the original model license
- C. Reduce the amount of CPU and RAM allocated to the Virtual Steelhead appliance and it will automatically downgrade at the next startup
- D. It is not possible to downgrade after an upgrade

Answer: D

Question No : 12 - (Topic 1)

When upgrading a Virtual Steelhead appliance, what steps can be taken to preserve the existing datastore?

- A. When upgrading a Virtual Steelhead appliance, it is not possible to preserve the existing datastore
- B. Detach the existing datastore and re-attach to the new Virtual Steelhead appliance
- C. Run vMotion and move the datastore to a different ESX host before performing the

upgrade and then bring it back afterwards

D. Move the existing datastore to an NFS share and move it back after the upgrade

Answer: A

Question No : 13 - (Topic 1)

The amount of memory required for Steelhead Mobile installation varies between 81 MB to 228 MB. What are the reasons for the variation?

- A. Number of TCP connections
- B. Types of application
- C. Datastore size
- D. Bandwidth
- E. All of the above

Answer: C

Question No : 14 - (Topic 1)

What platform is supported by SMC-VE?

- A. ESX 3.5
- B. ESX 4.0
- C. ESX 4.1
- D. RSP
- E. HyperV

Answer: D

Question No : 15 - (Topic 1)

Which of the following are Steelhead Mobile Controller alarms? (Select 2)

- A. Memory paging
- B. Datastore errors
- C. Peer version mismatch

- D. SSL errors
- E. File system full

Answer: A,E

Question No : 16 - (Topic 1)

Which of the following is Endpoint alarm?

- A. Locked secure vault
- B. Firewalled status
- C. Network interface error
- D. Temperature
- E. Memory paging

Answer: B

Question No : 17 - (Topic 1)

After upgrading the Steelhead Mobile Controller to the latest software release, it requires a reboot. During the reboot, what would happen to the users connected to the Steelhead Mobile Controller via the Steelhead Mobile client?

- A. All optimization ceases to function
- B. Existing connections are reset, but subsequent connections will be optimized
- C. The Steelhead Mobile client informs the user to reboot their computer
- D. No disruption to the end user
- E. Only Layer 7 optimization is affected; all other optimization remain unaffected

Answer: D

Question No : 18 - (Topic 1)

When configuring SSL optimization for Steelhead Mobile clients, what step must be taken?

- A. Mutual exchange of public keys between the Steelhead Mobile Controller and the server-side Steelhead appliance

- B. Mutual exchange of private keys between the Steelhead Mobile Controller and the server-side Steelhead appliance
- C. Generate a self-signed certificate for the Steelhead Mobile Controller and import that on the client PCs
- D. Import the server's public and private keys to the Steelhead Mobile Controller
- E. Generate individual certificates for each PC and manually import the public key on the Steelhead Mobile Controller

Answer: A

Question No : 19 - (Topic 1)

Which of the following deployments is incompatible with the Branch Warming feature?

- A. In-path
- B. Virtual in-path
- C. Out-of-path
- D. WCCP
- E. PBR

Answer: C

Question No : 20 - (Topic 1)

In a WCCP cluster using mask assignments, if there are six Steelhead appliances in the cluster, what is the minimum number of bits that should be used?

- A. 1
- B. 3
- C. 5
- D. 6
- E. 7

Answer: B

Question No : 21 - (Topic 1)

When is it necessary to configure the SRDF Module rules? (Select 2)

- A. Traffic originated between two EMC DMX arrays
- B. Traffic originated from the Symmetrix FC ports (RF ports)
- C. Traffic originated from the Symmetrix GigE ports (RE ports)
- D. Traffic originated between two EMC V-Max arrays

Answer: C,D

Question No : 22 - (Topic 1)

It is not recommended to use the same Steelhead appliance to optimize both replication traffic and general user traffic because:

- A. Replication traffic uses 16 KB blocks and causes fragmentation in the datastore
- B. User traffic may contain sensitive traffic and should not be mixed with other traffic
- C. Replication traffic may cause admission control therefore affecting user traffic
- D. The traffic pattern between the two types of traffic is generally very different and therefore the datastore may wrap more quickly affecting performance

Answer: D

Question No : 23 - (Topic 1)

The client-side Steelhead appliance has been configured for OOB Destination Transparency, what should the source IP/port be for the OOB connection?

- A. Client IP/random port
- B. Client-side Steelhead appliance in-path IP/random port
- C. Client IP/port 708
- D. Client-side Steelhead appliance in-path IP/port 708
- E. None of the above

Answer: B

Question No : 24 - (Topic 1)

You have outgrown your current Steelhead appliance and want to copy the datastore from your exiting Steelhead 550 appliance to a new 2050 Steelhead appliance. What feature would you use to synchronize the different model Steelhead appliance datastores?

- A. Export/Import operation function
- B. Copy the datastore file system
- C. "datastore send" command
- D. Copying the configuration files
- E. This cannot be done on Steelhead appliances

Answer: E

Question No : 25 - (Topic 1)

When upgrading from a Steelhead 5050 appliance to a Steelhead 6050 appliance what can be migrated to the new appliance? (Select 2)

- A. Datastore
- B. Licenses
- C. Network configuration
- D. Optimization configurations
- E. Serial numbers

Answer: C,D

Question No : 26 - (Topic 1)

When configuring failover, in what manner must you configure your Steelhead appliances?

- 1) Master/Backup
- 2) Primary/Secondary/Tertiary
- 3) Master/Master
- 4) Backup/Backup
- 5) Primary/Principle

- A. 1
- B. 2
- C. 3, 4
- D. 1, 3, 4
- E. 1, 2, 3, 4, 5