**Riverbed.Premium.810-01.by.VCEplus.60q - DEMO**

**Exam A**

**QUESTION 1**
NetProfiler's Service Monitoring definitions allow users to:

A. Group and monitor network-based performance metrics in context of business services and applications
B. Define general applications by IP addresses and ports
C. Manage application definitions on synced AppResponse appliances
D. Enable automatic baselines on specific interfaces or interface groups

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://www.riverbed.com/blogs/portal-central-management-now-free-to-appresponse-customers.html

**QUESTION 2**
Which of the following workflows is supported by Packet Capture and Inspection?

A. Configuration Auditing
B. Performance Monitoring from TCP/IP and Application Layer Decodes
C. Synthetic Testing and Availability Monitoring
D. Interface-level Monitoring

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 3**
Which time frame does NetProfiler Analytics track to establish the baseline normal for performance metrics?

A. Week of the month and month of the quarter
B. Month of the quarter and quarter of the year
C. Day of the week and week of the month
D. Time of day and day of the week

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 4**
Which type of NetProfiler Traffic Report supports the use of exclusionary operators?

A. Applications
B. Advanced
C. Interfaces
D. Hosts

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 5**
Describe the flows sent from Flow Gateway to NetProfiler. (Choose all that apply.)

A. Filtered (Optionally)
B. Reliable (TCP) and Secure (SSL)
C. UDP based
D. NetFlow v5 based
E. Aggregated, deduplicated and compressed

**Correct Answer:** AE
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 6**
Which of the following is true of flow export from SteelCentral AppResponse?

A. Does not support export to 3rd party flow collectors
B. Cannot export flows to Flow Gateway
C. Limited to exporting to a single NetProfiler
D. Can be filtered based on interfaces, BPF and SteelFilter

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 7**
Which NetProfiler integration supports the collection and reporting of identity information?

A. SAML
B. SNMP
C. NetIM
D. Active Directory

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Explanation:
The optional user identity feature relies on data obtained from the security event log of one of more Microsoft Active Directory domain controllers. This data can be sent directly to the appliance or it can be read by a Windows intermediary host that sends it to the appliance. The appliance interprets this data to track successful and failed login attempts by domain users on hosts within the domain. It associates this user identity information with host information to produce reports that identify users as well as hosts.

**QUESTION 8**
Which component of the SteelCentral NPM architecture uses SNMP polling to retrieve Hostnames and interface information from flow reporting devices?

A. AppResponse
B. Flow Gateway
C. Packet Analyzer
D. NetProfiler

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://support.riverbed.com/bin/support/static/tku8mot0iaoa67qben06tukj4h/html/afhi95mcqoa01gcejeafeknach/sc_may2016_dg_html/index.html#page/NPM%20Deployment%20Guide/additional_integration.09.2.html

**QUESTION 9**
Which NetProfiler Account Role can perform all functions except change accounts, view Audit Trail and change security settings?

A. Dashboard Viewer
B. Event Viewer
C. Monitor
D. Operator

**Correct Answer:** D
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 10**
Which of the following is NOT true of NetProfiler Host Groups and Types?

A. Each Group Type can contain hundreds of Groups
B. Each host can be a member of multiple groups within a single group type
C. No Limit to Number of Group Types
D. Host group types allow viewing traffic of the same hosts from multiple perspectives

**Correct Answer:** C
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 11**
Which types of data are carried forward when you generate a report using 'Traffic in Context' in NetProfiler?

A. Both the time frame and any other traffic criteria used for the previous report
B. Only the traffic criteria
C. Only the time frame
D. No data is carried forward

**Correct Answer:** A
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 12**
Which host group type is used by default for the End User component in NetProfiler Service definitions?

A. Any combination of user defined groups from multiple group types
B. ByLocation
C. ByInternalHosts
D. ByApp

**Correct Answer:** B
**Section:** (none)
**Explanation**

**Explanation/Reference:**
Explanation:
The default selection is the ByLocation group type. If you want to use the ByLocation group type for determining how end user components are tracked and reported, then ensure that the groups of that group type associate IP addresses with the locations you want to track.

If you have a large network, it may be desirable to track and report end users by region, rather than by individual location. In this case, you may prefer to create a ByRegion group type for managing services. In this new group type you might define regional groups instead of using smaller geographical locations.

The group type selection you make on the Configuration > General Settings page is applied to all service definitions. It determines how end-user service components are grouped on dashboards and reports. You should choose this group type carefully

because historical data for services will be lost if you must change the group type later.

**QUESTION 13**
Which approach can be used to filter or limit the content presented in NetProfiler Dashboard widgets?

A. Filter by Account Role
B. Filter by Traffic Expression
C. Filter by BPF
D. Dashboard traffic cannot be filtered

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 14**
Which measurement is used to set the tolerance of Analytics based policies in NetProfiler?

A. Sigma
B. Maximum Value
C. Average Value
D. Variance

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 15**
Which NetProfiler metric represents the Total Network RTT scaled by the % traffic reduction achieved by SteelHead optimization?

A. RTT Speedup
B. Link Speedup
C. Effective RTT
D. BW Speedup

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 16**
Which AppResponse applications can be managed by NetProfiler?

A. General and URL
B. General
C. General, URL, Advanced Web and Auto-recognized
D. General, URL and Advanced Web

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 17**
Which of the following monitoring approaches captures traffic locally, as close to production traffic as possible?

A. SPAN with Packet Brokers
B. ERSPAN
C. RSPAN
D. SPAN

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 18**
How often does NetIM discover and collect updated network topology and configuration information by default?

A. Once hourly
B. Once daily
C. Twice daily
D. Once weekly

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 19**
Assume you want to identify which modules and cards belong to each chassis in your environment.

Which NetIM function can provide this information?

A. Device and Platform Info
B. Link and Connection Inference
C. Auto-discovery
D. Auto-grouping

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 20**
Which SteelCentral solutions are used to provide the initial data to build an application model framework in Portal? (Choose all that apply.)

A. AppInternals
B. NetProfiler
C. NetIM
D. AppResponse
E. Aternity

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://www.linkedin.com/pulse/application-infrastructure-monitoring-steelcentral-kennedy-selvadurai/

**QUESTION 21**
Which protocol is used to forward flow records from AppResponse to NetProfiler?

A. MNMP (TCP, SSL, Compressed and De-duplicated)
B. SSL
C. TCP
D. UDP

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 22**
What is the base module in AppResponse?

A. SPA
B. UCA
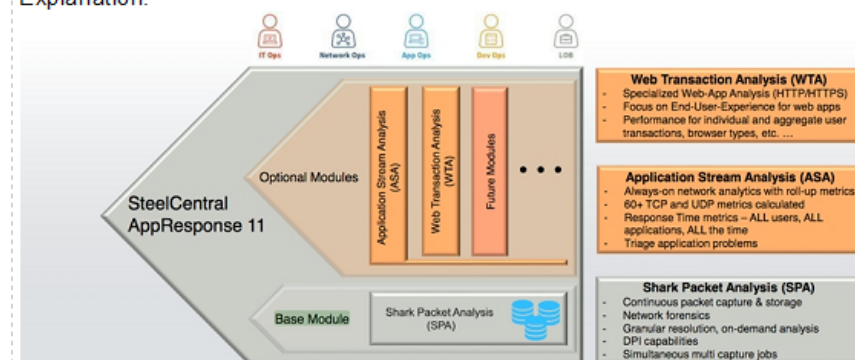C. WTA
D. ASA

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Explanation:



**QUESTION 23**
Which components of end-to-end visibility are provided by AppResponse? (Choose all that apply.)

A. Network Forensics
B. App agent-based monitoring
C. Network-based EU and App Monitoring
D. Remote Network Monitoring
E. Infrastructure Monitoring

**Correct Answer:** AB
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 24**
Which of the following is NOT a property of the AppResponse DBA module?

A. Provides passive transaction level monitoring
B. Does not require access to the database server
C. Requires the installation of an agent
D. Supports Major DBMS

**Correct Answer:** B
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 25**
AppResponse can optionally report the Link Utilization Percentage of a Host Group if:

A. SNMP Polling is enabled
B. The Inbound and Outbound bandwidth of the link that the group uses is specified
C. WMI polling is enabled
D. Flow collection is enabled

**Correct Answer:** B
**Section:** (none)
**Explanation**

**Explanation/Reference:**
Explanation:
If the full bandwidth of an Inbound or Outbound link is dedicated to this host group, you can specify the full link capacity and AppResponse 11 will report the percentage of the full link capacity that this host group is consuming

**QUESTION 26**
Which interface is used for the initial configuration of AppResponse Appliances?

A. CLI
B. Desktop App
C. Packet Analyzer
D. Web UI

**Correct Answer:** A
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 27**
Which of the following best describes Advanced Group data in AppResponse?

A. Preferred IP addresses
B. Transactional data
C. Raw Packets
D. Aggregated and Summarized Information

**Correct Answer:** B
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 28**
Which field in an HTTP request can be used to identify browser and platform details such as names and versions?

A. Usage Pattern String
B. X-forwarded for
C. IP Header
D. User Agent String

**Correct Answer:** D
**Section:** (none)

**QUESTION 29**
What does the Waterfall chart in AppResponse display?

A. Per object performance metrics of an individual page view
B. Summary of delays for TCP connection duration
C. Summary of delays for multiple web pages
D. Metrics of multiple page views over time

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://www.dotcom-monitor.com/wiki/knowledge-base/waterfall-chart/

**QUESTION 30**
Which packet capture methodology should be implemented when troubleshooting intermittent problems?

A. On-demand
B. Continuous
C. User-Initiated
D. Scheduled

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 31**
What is the TCP ACK number to a segment with decode SYN SEQ = 100 and LEN = 0?

A. ACK = 99
B. ACK = 100
C. ACK = 101
D. ACK numbers are arbitrarily assigned

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://www.networkers-online.com/blog/2016/09/tcp-protocol-flow-control/

**QUESTION 32**
Which factors contribute to the effect of Congestion in application response time?

A. TCP Behavior and non-optimal TCP settings
B. Physical distances between tiers and chattiness
C. Other traffic on the network, link oversubscription
D. Delay caused by transmission and serialization

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 33**
What is the minimum statistic reporting interval for AppResponse Standard Groups (Pre-computed Aggregates)?

A. 1 minute
B. 5 minutes
C. 1 hour
D. 6 hours

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 34**
Which parameter(s) need to be specified in order for AppResponse WTA to perform user tracking?

A. Username, Server Ports and Server IPs
B. User Key, Session Key, Server Ports, Server IPs and URL Pattern
C. Session Key and URL Pattern
D. Web Application, Server Ports and Server Ips

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 35**
Why should the Response Time Composition Chart in AppResponse NOT be used on All Traffic or other large traffic Groups? (Choose all that apply.)

A. Problematic areas will be smoothed by traffic with low User Response Time
B. Components of delay will be averaged across multiple applications and locations
C. Performance anomalies will be hidden by other traffic with acceptable performance
D. The Response Time composition chart is only applicable to WTA traffic
E. The Response time composition chart is only applicable after filtering in Packet Analyzer Plus

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 36**
Which of the following describes the Application Chart Only view in the Transaction Analyzer DEC?

A. Shows both charts in this view
B. Includes every TCP Segment
C. Shows every application message – several packets may comprise a message
D. Shows every individual packet in the trace file

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 37**
What are the components of delay in the AppResponse DBA Response Time Composition Chart?

A. Server Response Time and Transaction Time
B. Client Busy Time, Network Busy Time and Server Busy Time
C. Connection Setup Time, Server Response Time, Time, Payload Transfer Time and Retransmission Delay
D. Server Response Time and Data Transfer Time

**Correct Answer:** A
**Section:** (none)
**Explanation**

**Explanation/Reference:**
Explanation:



**QUESTION 38**
Which of the following is NOT a metric collected by AppResponse and forwarded to NetProfiler?

A. Network Device Interface Utilization
B. Round Trip Time
C. Retransmissions
D. Server Delay

**Correct Answer:** A
**Section:** (none)
**Explanation**

**Explanation/Reference:**


**QUESTION 39**
Which of the following best describes Microflow Index Data in AppResponse?

A. Summary information about conversations based on packets
B. Packet data required for offline analysis
C. Data required for export to WireShark or Transaction Analyzer
D. Raw packets

**Correct Answer:** A
**Section:** (none)
**Explanation**

**Explanation/Reference:**
Explanation:
The Microflow Indexing section of the tab specifies limits for the storage of Microflow indexes. Microflow Indexing captures summary information about conversations between devices on the network. This information is all that is needed by the Packet Analyzer software to calculate many of the View metrics that describe the traffic stream. Because it is already in summary form, processing of Microflow Indexing data for View metrics is very fast.

**QUESTION 40**
User response time in AppResponse is the sum of which five metrics?

A. Outbound Round Trip Time, Request Payload Transfer Time, Server Response Time, Response Payload Transfer Time, Total Retransmission Delay
B. Connection Setup Time, Request Payload Transfer Time, Server Response Time, Response Payload Transfer Time, Total Retransmission Delay
C. Inbound Round Trip Time, Request Payload Transfer Time, Server Response Time, Response Payload Transfer Time, Total Retransmission Delay
D. Inbound Round Trip Time, Outbound Round Trip Time, Server Response Time, Request Payload Transfer Time, Total Retransmission Delay

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Explanation:
User Response Time is a sum of the averages of the following four metrics: "Connection Setup Time [msec]" + "Server Response Time [msec]" + "Total Payload Transfer Time [msec]" + "Total Retrans Delay [msec]". User Response Time estimates the average time for an application to process a TCP data request, and thus is a good measure of end-user response time.

**QUESTION 41**
When deploying a performance monitoring solution, where is the best location to measure user experience?

A. End-user device 'looking in'
B. Datacenter 'looking out'
C. Server-based monitoring
D. Network-based monitoring

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 42**
Why are point tools ineffective in managing digital experience?

A. Monitor components separately, which leads to tunnel vision when troubleshooting
B. Don't allow domain-specific analysis
C. Insufficient data granularity
D. Produce metric data sets that are too large to parse quickly

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 43**
Which Portal UI feature generates a new panel with a time-series chart of the selected object?

A. Drill Down
B. Display in Graph
C. Analytics
D. Launch

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 44**
In SteelCentral Portal, which Application Model right-click option provides a quick answer on whether the performance problem is due to network or server-side delay?

A. View Members
B. Response Time Composition Chart
C. Launch
D. Drill Down

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 45**
How is SteelCentral Portal distributed and deployed?

A. Hardware appliance
B. Software module for AppResponse Hardware
C. .ova file for ESX
D. Windows executable or Linux installer

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 46**
Which SteelCentral Portal permission controls whether a user may access custom dashboards, models and templates owned by other users?

A. Drilldown Access
B. Central Manager Configuration
C. System Configuration
D. Resource Configuration

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 47**
What Search By: options are available when using the Object Selection Wizard in SteelCentral Portal? (Choose all that apply.)

A. Most Popular Transactions
B. Navigating the Object Tree
C. Most Common DB Entries
D. Bottom N
E. Top N

**Correct Answer:** AB
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 48**
Which of the following statements are true regarding the grouping of elements in SteelCentral Portal?

A. Allows aggregation of multiple elements

B. Displays multiple elements in a single visualization
C. Creates a parent-child hierarchy using roll ups
D. All of the above

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 49**
Which of the following are prerequisites for discovering relationships between hosts in Portal Application Models? (Choose all that apply.)

A. SNMP-based data from NetIM
B. Code-level data from AppInternals
C. Flow-based data from NetProfiler
D. End-User Device Data from Aternity
E. Packet-based data from AppResponse

**Correct Answer:** AE
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 50**
In what cases are Portal application models exported?

A. To change ownership of application models
B. To test and troubleshoot with Riverbed Technical Support
C. To share application models with other Portal users
D. Application models may not be exported

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 51**
By default, which connected Data Sources are used to build Portal Application Model?

A. NetProfiler and NetIM
B. AppResponse and NetProfiler
C. AppInternals and AppResponse
D. All Data Sources

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 52**
Choosing the Internal Elements when creating an Application Model in Portal determines what?

A. Which hosts being monitored by AppInternals will be added to the model
B. Which devices being monitored by Aternity will be added to the model
C. Which instances being monitored by AppInternals will be added to the model

D. Which hosts observed by NetProfiler and AppResponse will be added to the model

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 53**
What is the best starting point for downstream discovery of relationships and hosts when creating Portal Application Models?

A. Back-end DBs
B. Front-End Hosts or IP Addresses
C. Application Servers
D. 3rd Party Services

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 54**
Which of the following best describes Internal Elements in Portal Application Models?

A. Traffic between hosts
B. Servers involved in application
C. Application Instances running on a host
D. Logical sets of hosts

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 55**
Which of the following best describes Relationships in Portal Application Models?

A. Traffic between hosts
B. Users accessing the application
C. Application Instances running on a host
D. Logical sets of hosts

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**
Reference: https://www.linkedin.com/pulse/application-infrastructure-monitoring-steelcentral-kennedy-selvadurai/

**QUESTION 56**
Which data source will have the highest priority for populating the End-User Experience Dashboard based on Application Models in Portal?

A. AppResponse ASA
B. NetIM SNMP Polling
C. AppInternals JavaScript
D. AppResponse WTA

**Correct Answer:** A

**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 57**
Which solution and module is used to populate the Response Time Composition Chart (RTCC) Drill Down from Portal Application Maps?

A. AppInternals JavaScript
B. AppResponse WTA
C. AppInternals Server Monitoring
D. AppResponse ASA

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 58**
What types of metric data are used to populate Application/Server Performance Panels in Portal Application Dashboards? (Choose all that apply.)

A. Per Instance metrics based on AppInternals
B. Per System metrics based on NetIM Data
C. Flow collection Metrics from NetProfiler
D. Packet Inspection Metrics from AppResponse
E. End User Device Data from Aternity

**Correct Answer:** AC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 59**
Which data source is required before Portal can generate the AppNetwork Path between an IP address pair?

A. AppInternals
B. NetProfiler
C. NetIM
D. AppResponse

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 60**
Which Portal UI feature allows you to show other metrics correlated to the element selected?

A. Drill Down
B. Launch
C. Display in Graph
D. Analytics

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**