Riverbed Certified Solutions Professional - Application Performance Management

1. User response time is the sum of which four metrics?

A. Server response time, data transfer time, connection setup time, application turn rate

B. Inbound round trip time, server response time, retransmission delay, payload transfer time

C. Connection setup time, server response time, payload transfer time, retransmission delay

D. Inbound round trip time, outbound round trip time, server response time, payload transfer time

Answer(s): C

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2. What type of chart is the Response Time Compositions chart?

A. Stacked area chart

B. Bar chart

C. Distribution chart

D. Cumulative chart

Answer(s): A

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3. Which metric would indicate how a back-end server was serving a selected middle-tier server?

A. Initial Application Response Time (Servers)

B. User Response Time (Servers)

C. Server Response Time (Server)

D. Server Response Time (Client)

Answer(s): D

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4. Which instruments can display threshold status? (Select 2)

A. Sparkline

B. Bar chart

C. Historical comparison row

D. LED

Answer(s): B,D

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5. What is the default filter name used when importing a trace in transaction analyzer?

A. Default

B. AppTransaction Xpert does not filter a trace during import.

C. None

D. Use trace explorer first to filter a trace before trying to import it in transaction analyzer.

Answer(s): C

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6. In AppInternals Xpert consoles, you can click on a transaction trace or metric to open the line of source code that defines the generic class.method that generated that transaction or metric when applicable. Which statements are true regarding linking between source code and AppInternals Xpert data? (Select 3)

A. You can open the source code directly into Transaction Trace Analysis.

B. You can toggle back and forth between the source code and the AppInternals Xpert performance data to examine selected class/method transactions that exceed a particular duration.

C. You can click on the name of a generic method or click inside the code for the method and link to AppInternals Xpert metrics that the method generated, displaying in the desktop console.

D. In Visual Studio or Eclipse source code, you can click on the name of a generic method or click inside the code for the method and link to traces on transactions that the .NET or Java code generated, and display those transactions in Transaction Trace Warehouse.

E. You can open the source code directly into Transaction Trace Warehouse.

Answer(s): B,C,D

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7. For BrowserMetrix, the "time to first byte" and "download and render" time is considered:

A. Server delay

B. Front-end delay

C. Network delay

D. Back-end delay

Answer(s): B

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8. What default threshold does the AppDoctor use to detect user think time on the client tier?

A. 1 second

B. 5 seconds

C. 2 seconds

D. 3 seconds

Answer(s): A

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9. What is the most recommended network time protocol (NTP) configuration for AppInternal Xpert?

A. Managed nodes use the embedded client and synchronize with a common server.

B. Managed nodes use the embedded NTP client and synchronize with symmetric multiprocessing (SMP).

C. Managed nodes use their own NTP client.

D. No specific NTP configuration is needed, as AppInternal Xpert could handle the correct timing by itself.

Answer(s): B

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10. Which of these data sources allow editing of threshold values within the Dashboard user interface? (Select 3)

A. AppResponse Xpert

B. Cascade Profiler

C. BrowserMetrix

D. AppInternals Xpert

Answer(s): A,B,C

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11. The application performance metrics the AppResponse Xpert appliance collects are based on which of the following?

A. User response time

B. Server response time

C. Retransmission delay

D. TCP turns

Answer(s): D

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12. Which AppTransaction Xpert module allows integration with Cisco WAAS?

A. Advanced ACE Module

B. Packet Download Module

C. Distributed Agent Controller Module

D. ACE Decode Module

E. Flow Analysis Module

Answer(s): A

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13. Which of the following applies when comparing AppInternals Xpert metric data with AppResponse Xpert data for the last 10 minutes?

A. Measuring common requests, AppResponse Xpert data provides network and server processing delay while AppInternals Xpert provides server processing delay only.

B. Both provide average data, but AppInternals Xpert has data at 1-second granularity while AppResponse Xpert has data at 1-minute granularity.

C. AppInternals Xpert "Max. Active" metrics on Servlet/JSP/Web Aggregate metrics should exactly match AppResponse Xpert "Connections" metric.

D. Assuming response time is being evaluated for a common request available from both data sources, AppInternals Xpert data is the maximum response during each 1-second bucket while AppResponse Xpert data is averaged over a 1-minute bucket.

Answer(s): D

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14. Which data sources would be used to provide end-user experience monitoring? (Select 2)

A. AppResponse Xpert

B. AppSensor Xpert

C. AppMapper Xpert

D. AppInternals Xpert

Answer(s): A,D

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15. What is the one method to search for common data across all data sources?

A. Search by Object Name

B. Top N/Bottom N

C. Standard Components

D. By IP Address

Answer(s): A

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16. What is the easiest way to verify dashboard contents without opening the dashboard?

A. In the Open Saved Dashboard dialog panel, right-click on the dashboard name and select Preview.

B. In Manage Resources, select the dashboard and click the Details button.

C. Connect to the Postgres configuration database and view the definition for the appropriate dashboard view.

Answer(s): B

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17. What are the four metric granularites AppResponse Xpert stores?

A. 1 minute, 5 minutes, 1 hour, 1 day

B. 5 minutes, 30 minutes, 60 minutes, 8 hours

C. 1 minute, 30 minutes, 8 hours, 1 day

D. 5 minutes, 15 minutes, 1 hour, 1 day

Answer(s): A

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18. In a three-tier application with a web front-end, application middle tier, and database back-end, where is the best instrumentation point for end-to-end visibility?

A. It is best to instrument at all tiers for maximum visibility.

B. It is best to instrument at the web tier, since that is typically the client entry point into the application.

C. It is best to instrument at the database tier, since it holds the data the client is requesting.

D. It is best to instrument at the application tier, since it sits between the web and database tiers.

Answer(s): A

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19. Choose the best answer for how to decode a trace when importing it into AppTransaction Xpert.

A. Using Wireshark to decode the trace is mandatory.

B. AppTransaction Xpert uses its internal decoder to decode the trace.

C. AppTransaction Xpert uses trace explorer to decode the trace.

D. Using Wireshark to decode the trace is recommended.

Answer(s): D

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20. On the AppDoctor, which delay causes can be identifiied by default on the pie chart?

A. Network, packet loss and parallel effects

B. The default pie chart displays only information about flows

C. CPU utilization and memory leaks

D. Network, latency and server

E. Giant packets, runts and corrupted packets

Answer(s): D