



500-420^{Q&As}

Cisco AppDynamics Associate Performance Analyst

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**QUESTION 1**

Which option should a Performance Analyst use in an environment where virtual machines are routinely created and destroyed?

- A. Dappdynamics.agent.auto.node.prefix and-Dappdynamics.cron.vm
- B. Dappdynamics.agent.reuse.nodeName andDappdynamics.agent.reuse.nodeName.prefix
- C. Dappdynamics.http.proxyHost and-Dappdynamcs.http.proxy User
- D. Dappdynamics.agent.node.metainfo and-Dappdynamics.agent.nodeName

Correct Answer: B

In environments where virtual machines are frequently created and destroyed, using the agent configuration properties-Dappdynamics.agent.reuse.nodeNameandDappdynamics.agent.reuse.nodeName.prefixcan be beneficial. These settings allow AppDynamics agents to reuse node names for newly created instances, facilitating consistent monitoring and tracking across dynamic environments. This

approach helps maintain clarity in application topology and ensures that performance data remains coherent even as the underlying infrastructure changes.

References:

AppDynamics documentation on Agent Configuration: Discusses advanced agent configuration options, including node name reuse, to accommodate dynamic environments such as those with frequently changing virtual machines.

AppDynamics documentation on Infrastructure Monitoring: Offers insights into best practices for monitoring in dynamic and virtualized environments.

QUESTION 2

Which statement about Service End Points and Business Transactions is true?

- A. Service End Points and Business Transactions can both be renamed by right clicking and selecting '\\rename\\'.
- B. Service End Points and Business Transactions can both configure data collectors.
- C. Service End Points and Business Transactions can both be split.
- D. Service End Points and Business Transactions both provide percentile metrics.

Correct Answer: B

Both Service Endpoints and Business Transactions in AppDynamics have the capability to configure data collectors. Data collectors are used to gather detailed information about transactions or endpoints, such as method parameters, return values, and SQL statements. References: AppDynamics documentation on Data Collectors <https://docs.appdynamics.com/latest/en/application-monitoring/configure-data-collection>

QUESTION 3



Within the configuration setting for Slow Transactions, under the "Configure Diagnostic Session Duration and Collection Rate" option, what is the default value pair for the setting "Collect up to ____ snapshots per minute for ____ minutes"?

- A. 2,2
- B. 5,5
- C. 10, 10
- D. 4,4

Correct Answer: C

The default value pair for the setting "Collect up to ____ snapshots per minute for ____ minutes" in the configuration for Slow Transactions is 10, 10. This means that by default, the system is set to collect up to 10 snapshots per minute for a

duration of 10 minutes during a diagnostic session.

References:

AppDynamics documentation on Transaction Snapshots: Outlines the default settings for diagnostic session duration and collection rates, including the collection of snapshots.

QUESTION 4

A client needs to reference a metric from different applications on an AppDynamics dashboard. Which of the following is true?

- A. Metrics from different applications can be cross referenced but cannot be combined in a single dashboard
- B. Metrics from different applications cannot be cross referenced or combined on an AppDynamics dashboard
- C. Metrics from different applications cannot be cross referenced on an AppDynamics dashboard
- D. Metrics from different applications can be cross referenced on an AppDynamics dashboard

Correct Answer: D

In AppDynamics, metrics from different applications can indeed be cross-referenced on a single dashboard. This allows for a more holistic view of an organization's application ecosystem, facilitating the comparison and correlation of

performance metrics across different applications within the same AppDynamics controller.

References:

AppDynamics documentation on Custom Dashboards: Details how to create custom dashboards that can include metrics from multiple applications, enabling cross-referencing and comprehensive performance monitoring.

QUESTION 5

A Performance Analyst notices an increase in Business Transaction error rate that is much higher than normal alerts. The Performance Analyst can see these are related to the Health Rules defined for the Shopping Service that is



monitored with AppDynamics Browser RUM. While troubleshooting the Performance Analyst wants details on which Browsers and Devices are affected. Which section of the Browser App Dashboard will provide this detail for a given time period?

- A. Usage Stats
- B. Sessions
- C. Pages and Ajax Requests
- D. Overview

Correct Answer: A

In the Browser Real User Monitoring (RUM) Dashboard, the Usage Stats section provides insights into user demographics, including the types of browsers and devices they are using. This section would help the Performance Analyst

understand which browsers and devices are affected during a specific time period when there has been an increase in the Business Transaction error rate.

References:

AppDynamics documentation on Browser RUM:

<https://docs.appdynamics.com/21.6/en/end-user-monitoring/browser-monitoring/browser-real-user-monitoring>

QUESTION 6

When should URI Segments be used in Transaction Detection rules?

- A. When identifying business transactions using particular parts of the SMTP request
- B. When the application uses message-oriented technologies
- C. When the application is a Web-Oriented Technology
- D. When the agent names the business transaction for the Web service name plus the operation name

Correct Answer: C

URI Segments should be used in Transaction Detection rules when the application is web-oriented. Web-oriented applications often have meaningful information in the URI that can identify different business transactions. URI Segments can

help in defining patterns that match specific parts of the URI to distinguish different transactions.

References:

AppDynamics documentation on Transaction Detection:

<https://docs.appdynamics.com/latest/en/application-monitoring/business-transactions>

**QUESTION 7**

Which tab within the Application Dashboard displays performance trends for each of Snapshots, Average Response Time, and Events within one central view?

- A. Application Flow Map
- B. Dashboard
- C. Events
- D. Transaction Score
- E. Network Dashboard

Correct Answer: D

The Transaction Score tab within the Application Dashboard is designed to display performance trends across various metrics including Snapshots, Average Response Time, and Events. It gives a comprehensive view of the transaction performance, providing a score that reflects the health and reliability of transactions over time.

References:

AppDynamics documentation on Application Dashboard:

QUESTION 8

What does the Live Preview option in a Business Transaction Discovery Session allow a user to do?

- A. See if new Transaction Discovery Rules work
- B. Provide streaming logs from the application agent
- C. Search classes and methods currently running on the system
- D. Stream entry points in your application

Correct Answer: A

The Live Preview option in a Business Transaction Discovery Session in AppDynamics allows a user to verify the effectiveness of newly configured Transaction Discovery Rules. This feature provides real-time feedback on how these rules

identify and categorize business transactions, enabling users to adjust and fine-tune the rules to ensure accurate and meaningful transaction monitoring.

References:

AppDynamics documentation on Business Transaction Management: Includes information on Business Transaction Discovery Sessions and the use of Live Preview to validate Transaction Discovery Rules.

QUESTION 9



The performance impact on the _____ would lead a Performance Analyst to limit the duration and frequency of automatic diagnostic sessions.

- A. Application
- B. Controller
- C. Network
- D. Operating System

Correct Answer: A

The primary concern for a Performance Analyst when considering the impact of automatic diagnostic sessions is the application itself. Intensive diagnostic sessions can be resource-heavy, potentially affecting the application's performance.

Therefore, it is often necessary to limit the duration and frequency of these sessions to ensure they do not negatively impact the application's end-user experience.

References:

AppDynamics documentation on Diagnostic Sessions:

<https://docs.appdynamics.com/latest/en/troubleshoot/diagnostic-sessions>

QUESTION 10

Which Application Dashboard view categorizes transactions by load, response time, errors, slow transactions, and stalled transactions in a single aggregated value for a specific time range?

- A. Transaction Snapshots
- B. Top Business Transactions
- C. Machine Snapshots
- D. Transaction Score

Correct Answer: D

The Transaction Score view in the Application Dashboard categorizes transactions by load, response time, errors, slow transactions, and stalled transactions. It provides an aggregated value for a specific time range, giving an at-a-glance

indication of the health and performance of business transactions.

References:

AppDynamics documentation on Transaction Score:

<https://docs.appdynamics.com/latest/en/application-monitoring/application-dashboard>

QUESTION 11



What is the Node limit of the maximum Service Endpoints per node?

- A. 50
- B. 100
- C. 250
- D. 1000

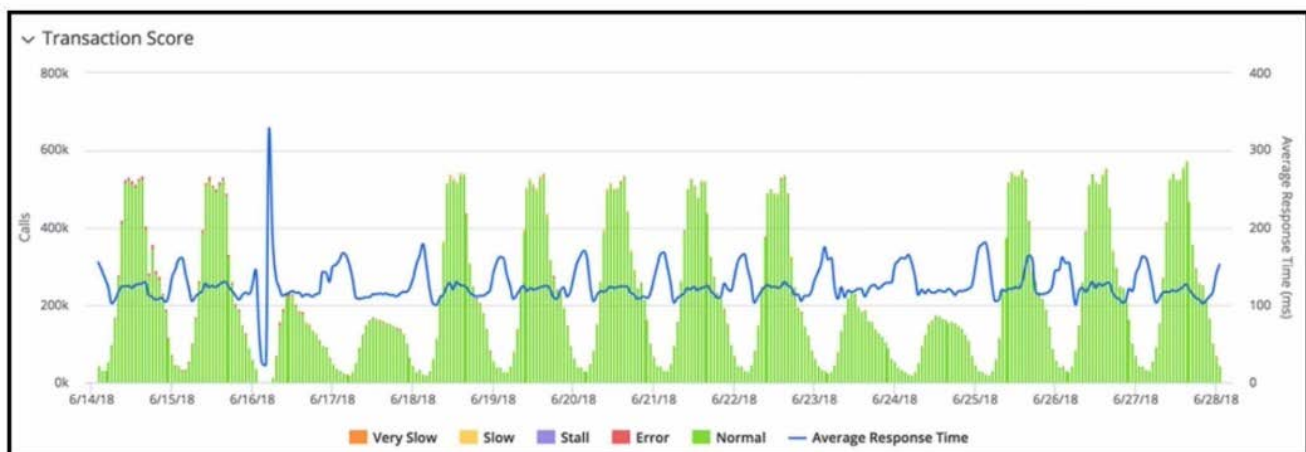
Correct Answer: B

AppDynamics imposes a limit on the number of Service Endpoints that can be registered per node to ensure manageable performance and overhead. The limit per node is set to 100 Service Endpoints, which is a balance between providing detailed monitoring and maintaining application performance.

References: AppDynamics documentation on Service Endpoints <https://docs.appdynamics.com/latest/en/application-monitoring/monitor-service-endpoints>

QUESTION 12

Refer to the exhibit.



The transaction score in the graphic displays an interesting performance pattern outside of business hours on 6/16/18. Which additional performance anomaly should be of most interest to a Performance Analyst?

- A. Elevated Response Time at 6/19/18
- B. Elevated Response Time at 6/25/18
- C. Lower than usual volume at 6/17/18
- D. Low volume at 6/15/18

Correct Answer: A

The performance pattern outside of business hours on 6/16/18 that would be of most interest to a Performance Analyst is the elevated response time, as indicated on 6/19/18. This is because it shows a significant spike in response time,



which could indicate a performance issue that needs to be addressed. Anomalies in response time can often be more indicative of underlying problems than changes in call volume, especially when they occur outside of expected peak periods.

References:

AppDynamics documentation on Transaction Score:

<https://docs.appdynamics.com/latest/en/application-monitoring/application-dashboard/transaction-score>

QUESTION 13

Which permission allows snapshot archiving?

- A. "Can view data from all applications"
- B. "Configure Business Transactions"
- C. "Agent Advanced Operation"
- D. "Application level-Can create applications"

Correct Answer: C

The permission to enable snapshot archiving in AppDynamics typically falls under advanced operational capabilities, such as those categorized under "Agent Advanced Operation." This permission allows users to archive transaction snapshots for long-term storage and analysis, which is essential for historical performance analysis and auditing purposes.

References:

AppDynamics documentation on Role-Based Access Control: Explains the different permissions and roles within AppDynamics, including those related to advanced agent operations and snapshot archiving.

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