



500-420^{Q&As}

Cisco AppDynamics Associate Performance Analyst

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QUESTION 1

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 2

Which two things should a Performance Analyst check if an agent has failed to register with the Controller after several minutes? (Choose two.)

- A. total free RAM
- B. network/firewall rules
- C. current CPU load average
- D. free license count

Correct Answer: BD

If an agent fails to register with the Controller, a Performance Analyst should check the network/firewall rules to ensure that the agent can communicate with the Controller over the network. Additionally, it is crucial to verify the free license

count to confirm that there are available licenses for the agent to register. Insufficient licenses or network communication barriers can prevent successful agent registration.

References:

AppDynamics documentation on Agent Registration: Describes the prerequisites and troubleshooting steps for agent registration with the Controller. AppDynamics documentation on Licensing: Provides details on how the licensing model

works, including how to check for available licenses.



QUESTION 3

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 4

A Performance Analyst received an alert that the Average Response Time is increasing after a new marketing offer was released. Which metric would quickly help the Performance Analyst determine that users may not be critically impacted?

- A. Errors per Minute increase
- B. Calls per Minute decrease
- C. Errors per Minute decrease
- D. Calls per Minute increase

Correct Answer: D

If the Average Response Time is increasing after the release of a new marketing offer, seeing an increase in Calls per Minute could quickly help the Performance Analyst determine that users may not be critically impacted. This increase may

indicate that despite the higher average response time, more users are engaging with the application, possibly due to interest generated by the marketing offer. It suggests that the system is handling more load, which could be a factor in the

increased response time.

References:



AppDynamics documentation on Performance Metrics: Discusses the implications of various key performance indicators, including how an increase in Calls per Minute can be interpreted in the context of application performance.

QUESTION 5

What are two examples of backend calls? (Choose two.)

- A. a request coming from a browser
- B. a tier-to-tier request
- C. an asynchronous request
- D. a remote services call

Correct Answer: BD

Backend calls in AppDynamics are the interactions that an application component has with external components or services. These can include calls to databases, remote service calls, and interactions between different tiers of an application.

A tier-to-tier request refers to any internal call that happens between different tiers (or nodes) within the same application. For example, a web tier calling an API service tier within the same application ecosystem. A remote services call is an

external call from an application to a service that resides outside of the application's environment, like a call to an external web service, REST API, or a third-party service provider.

References:

AppDynamics documentation on Backend Detection:

<https://docs.appdynamics.com/21.6/en/application-monitoring/identify-backends>

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