Vendor: Cisco

Exam Code: 300-445

Exam Name: Designing and Implementing Enterprise Network Assurance

Version: DEMO

QUESTION 1
What is the significance of selecting alerting thresholds in network assurance?

A. Identifying security vulnerabilities
B. Triggering alerts based on predefined conditions
C. Monitoring real-time traffic
D. Generating automated reports

Answer: B
Explanation:
Selecting alerting thresholds in network assurance allows for triggering alerts based on predefined conditions, enabling timely detection and response to network issues.

QUESTION 2
Which agent type is responsible for conducting synthetic user interactions with web applications?

A. Virtualization agent
B. Synthetic user agent
C. Scripting agent
D. Local collection agent
E. Remote management agent
F. Cloud integration agent

Answer: BC
Explanation:
Synthetic user agents and scripting agents are responsible for conducting synthetic user interactions with web applications in network assurance, facilitating performance monitoring and testing.

QUESTION 3
What is the primary function of a local collection agent in network assurance?

A. Collecting data from end-user devices
B. Monitoring server logs
C. Conducting synthetic voice tests
D. Analyzing WAN performance

Answer: B
Explanation:
A local collection agent is primarily responsible for monitoring server logs to identify potential issues and gather data for analysis in network assurance.

QUESTION 4
When selecting a Cisco network assurance platform, what factor should be prioritized for web-based applications?

A. User experience
B. Network throughput
C. Application scalability
D. Server hardware

Answer: A
Explanation:
For web-based applications, user experience should be prioritized when selecting a Cisco network assurance platform to ensure optimal performance and usability.

QUESTION 5
Which end-device network issues can be diagnosed using collected data in network assurance?

A. VPN gateway issues
B. Default gateway issues
C. Wireless connectivity issues
D. Proxy server issues
E. Real-time streaming issues
F. DNS server issues

Answer: BCF
Explanation:
Collected data in network assurance can be used to diagnose end-device network issues such as default gateway issues, DNS server issues, and wireless connectivity issues, enabling efficient troubleshooting and resolution.

QUESTION 6
When selecting a Cisco network assurance platform, what aspect should be prioritized for application communication?

A. Scalability
B. Server hardware
C. User experience
D. Network throughput

Answer: C
Explanation:
For application communication, user experience should be prioritized when selecting a Cisco network assurance platform to ensure optimal performance and usability in network assurance.

QUESTION 7
What metric is recommended for dashboard deliverables for IT operations based on network assurance data interpretation?

A. Packet loss rate
B. Application latency
C. Server uptime
D. Bandwidth utilization

Answer: B
Explanation:
Application latency is a recommended metric for dashboard deliverables for IT operations based on network assurance data interpretation, providing insights into application performance and user experience.

QUESTION 8
What type of alert rule is configured based on the state of BGP routing table in network assurance?

A. Security alert
B. Threshold alert
C. Performance alert
D. Protocol alert

Answer: D
Explanation:
A protocol alert rule is configured based on the state of BGP routing table in network assurance to detect and mitigate potential routing issues.

QUESTION 9
How does Thousand Eyes WAN Insights contribute to network optimization?

A. Enhancing server security
B. Predicting network performance trends
C. Monitoring real-time traffic
D. Analyzing application logs

Answer: B
Explanation:
Thousand Eyes WAN Insights contributes to network optimization by predicting network performance trends, enabling proactive optimization and resource allocation in network assurance.

QUESTION 10
Which deliverables are recommended for app/dev teams based on network assurance data interpretation?

A. Network topology diagrams
B. Security incident reports
C. Latency analysis reports
D. Performance dashboards
E. Application performance reports
F. API usage statistics

Answer: DEF
Explanation:
Performance dashboards, application performance reports, and API usage statistics are recommended deliverables for app/dev teams based on network assurance data interpretation, providing insights for optimizing application performance and user experience.

QUESTION 11
Which optimization recommendation is based on network capacity planning and data interpretation?

A. Firmware update
B. Server hardware upgrade
C. Topology and configuration changes
D. Software patching

Answer: C
Explanation:
Topology and configuration changes are recommended for network capacity planning based on data interpretation, ensuring optimized network performance and scalability.

QUESTION 12
What security issues affecting network performance can be identified using collected data in network assurance?

A. BGP hijackig
B. SQL injection attacks
C. DDoS attacks
D. Phishing attacks
E. Route leaking
F. DNS hijacking

Answer: ACF
Explanation:
Security issues affecting network performance, such as DDoS attacks, DNS hijacking, and BGP hijacking, can be identified using collected data in network assurance, enabling proactive mitigation and threat response.

QUESTION 13
How does Cisco Catalyst Manager contribute to endpoint agent deployment in network assurance?

A. Monitoring application performance
B. Optimizing WAN performance
C. Facilitating server authentication
D. Centralizing device management

Answer: D
Explanation:
Cisco Catalyst Manager contributes to endpoint agent deployment by centralizing device management, ensuring efficient deployment and configuration across the network.

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