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NEW QUESTION: 1

What is the primary purpose of synthetic web tests in network assurance?

- A. Analyzing server logs
- B. Identifying server vulnerabilities
- C. Monitoring network traffic
- D. Simulating user interactions

Answer: (SHOW ANSWER)

The primary purpose of synthetic web tests is to simulate user interactions with web applications, facilitating performance monitoring and optimization in network assurance.

NEW QUESTION: 2

What is the primary function of setting a metric baseline in network assurance?

- A. Monitoring network traffic
- B. Identifying network vulnerabilities
- C. Establishing performance benchmarks
- D. Configuring security protocols

Answer: (SHOW ANSWER)

The primary function of setting a metric baseline is to establish performance benchmarks for various network metrics, enabling the detection of deviations and abnormalities in network performance over time.

NEW QUESTION: 3

Which integration type allows for seamless data exchange between Cisco technologies and external systems?

- A. SNMP
- B. SSH
- C. FTP

D. API

Answer: ([SHOW ANSWER](#))

API integration enables seamless data exchange between Cisco technologies and external systems, facilitating efficient network management and monitoring.

NEW QUESTION: 4

Which of the following are examples of agent types in network assurance?

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

Answer: ([SHOW ANSWER](#))

Examples of agent types in network assurance include synthetic user agents, scripting agents, and local collection agents, each serving specific purposes in monitoring and data collection.

NEW QUESTION: 5

Which security issue affecting network performance can be identified by analyzing BGP routing data?

- A. Route leaking
- B. DDoS attacks
- C. DNS hijacking
- D. BGP hijacking

Answer: ([SHOW ANSWER](#))

BGP hijacking is a security issue affecting network performance that can be identified by analyzing BGP (Border Gateway Protocol) routing data. BGP hijacking occurs when an unauthorized party announces IP address prefixes that they do not own, diverting traffic intended for those addresses to unauthorized destinations, leading to network congestion and performance degradation.

NEW QUESTION: 6

What is the purpose of validating alert configuration and functionality in network assurance?

- A. Ensuring compliance with standards
- B. Benchmarking against competitors
- C. Identifying false positives
- D. Testing network performance

Answer: ([SHOW ANSWER](#))

Validating alert configuration and functionality helps in identifying false positives and ensuring accurate alerting for efficient incident response in network assurance.

NEW QUESTION: 7

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: (SHOW ANSWER)

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

NEW QUESTION: 8

In which scenario would deploying an endpoint agent on Mac devices be most beneficial?

- A. Analyzing real-time streaming issues
- B. Monitoring WAN performance
- C. Assessing DNS server performance
- D. Conducting web authentication tests

Answer: D (LEAVE A REPLY)

Deploying an endpoint agent on Mac devices would be most beneficial for conducting web authentication tests, ensuring secure access to web applications in network assurance.

NEW QUESTION: 9

What aspect of network performance is typically monitored using alert rules related to congestion?

- A. Packet loss
- B. DNS resolution speed
- C. Network latency
- D. Server response time

Answer: (SHOW ANSWER)

Packet loss is typically monitored using alert rules related to congestion to detect and address network performance issues caused by network congestion and packet drops.

NEW QUESTION: 10

What is the primary objective of integrating Cisco technologies such as Thousand Eyes and Meraki?

- A. Facilitating data exchange and analysis
- B. Improving user experience
- C. Centralizing device management
- D. Enhancing network security

Answer: (SHOW ANSWER)

The primary objective of integrating Cisco technologies is to facilitate seamless data exchange and analysis, enhancing network assurance capabilities.

NEW QUESTION: 11

Which integration type facilitates seamless data exchange between Cisco technologies and third-party applications?

- A. Open telemetry
- B. API integration
- C. Alerting thresholds
- D. SNMP integration

Answer: ([SHOW ANSWER](#))

API integration facilitates seamless data exchange between Cisco technologies and third-party applications, enhancing interoperability and extensibility.

NEW QUESTION: 12

Which endpoint agent test can be configured in Thousand Eyes to monitor web application performance?

- A. Web test
- B. Voice test
- C. Network test
- D. DNS test

Answer: ([SHOW ANSWER](#))

The Web test can be configured in Thousand Eyes to monitor web application performance, assessing factors such as page load times and responsiveness in network assurance.

NEW QUESTION: 13

What is the primary objective of diagnosing end-device network issues using collected data?

- A. Resolving connectivity issues
- B. Optimizing server performance
- C. Ensuring device compliance
- D. Identifying network vulnerabilities

Answer: ([SHOW ANSWER](#))

The primary objective of diagnosing end-device network issues using collected data is to identify and resolve connectivity issues affecting device performance and user experience.

NEW QUESTION: 14

What are the benefits of implementing endpoint agent deployment at scale across the enterprise?

- A. Scalability for growing networks
- B. Cost optimization
- C. Reduced latency
- D. Enhanced security monitoring
- E. Centralized management
- F. Improved network visibility

Answer: D,E,F ([LEAVE A REPLY](#))

Implementing endpoint agent deployment at scale across the enterprise offers benefits such as enhanced security monitoring, improved network visibility, and centralized management, facilitating efficient network operations and troubleshooting.

NEW QUESTION: 15

What is the primary benefit of deploying an endpoint agent across end-user devices in an enterprise network?

- A. Comprehensive visibility into user experience
- B. Increased network latency
- C. Limited device compatibility
- D. Decreased network security

Answer: A (LEAVE A REPLY)

Deploying an endpoint agent across end-user devices provides comprehensive visibility into user experience, helping to identify and address performance issues proactively.

NEW QUESTION: 16

Which integration type enables seamless data exchange between Cisco technologies and external systems using standardized protocols?

- A. Alerting thresholds
- B. Open telemetry
- C. API integration
- D. SNMP integration

Answer: (SHOW ANSWER)

API integration facilitates seamless data exchange between Cisco technologies and external systems using standardized protocols.

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NEW QUESTION: 17

Which type of test in Thousand Eyes focuses on assessing network characteristics such as loss, jitter, and latency?

- A. TCP/UDP test
- B. Voice test
- C. DNS test

D. Network test

Answer: ([SHOW ANSWER](#))

The network test in Thousand Eyes focuses on assessing network characteristics such as loss, jitter, and latency to optimize network performance.

NEW QUESTION: 18

Which Cisco technology facilitates endpoint agent deployment through Secure Client?

- A. Meraki
- B. Webex Control Hub
- C. Cisco Catalyst Manager
- D. vManage

Answer: ([SHOW ANSWER](#))

Meraki facilitates endpoint agent deployment through Secure Client, ensuring secure and efficient deployment across the enterprise network.

NEW QUESTION: 19

What is the primary function of a synthetic user agent in network assurance?

- A. Analyzing server logs
- B. Generating simulated traffic
- C. Monitoring physical hardware
- D. Configuring firewalls

Answer: ([SHOW ANSWER](#))

Synthetic user agents generate simulated traffic to assess network performance and identify potential issues.

NEW QUESTION: 20

Which integration type enables seamless data exchange between Cisco technologies and external platforms?

- A. REST API
- B. CLI
- C. SNMP
- D. SSH

Answer: ([SHOW ANSWER](#))

REST API integration enables seamless data exchange between Cisco technologies and external platforms, fostering interoperability and data-driven decision-making in network assurance.

NEW QUESTION: 21

What is the purpose of recommending optimization for network capacity planning based on data interpretation?

- A. Improve reliability
- B. Reduce latency

- C. Ensure scalability
- D. Enhance security

Answer: ([SHOW ANSWER](#))

The purpose of recommending optimization for network capacity planning based on data interpretation is to ensure scalability by identifying capacity bottlenecks, optimizing resource allocation, and planning for future growth and demand to maintain network performance and accommodate increasing workloads and traffic volumes.

NEW QUESTION: 22

How does integrating Cisco Catalyst Manager with Webex Control Hub benefit network management?

- A. Optimizing WAN performance
- B. Streamlining application deployment
- C. Enhancing security monitoring
- D. Centralizing device management

Answer: ([SHOW ANSWER](#))

Integrating Cisco Catalyst Manager with Webex Control Hub benefits network management by centralizing device management, enabling efficient configuration and monitoring of network devices in network assurance.

NEW QUESTION: 23

How do scripting agents contribute to network automation?

- A. Analyzing security logs
- B. Optimizing server configurations
- C. Monitoring hardware health
- D. Automating repetitive tasks

Answer: ([SHOW ANSWER](#))

Scripting agents automate repetitive tasks to facilitate network automation and improve operational efficiency.

NEW QUESTION: 24

Which integration type facilitates the exchange of network data between Cisco technologies and external monitoring tools?

- A. SMTP
- B. API
- C. SNMP
- D. Syslog

Answer: ([SHOW ANSWER](#))

API (Application Programming Interface) facilitates the exchange of network data between Cisco technologies and external monitoring tools by providing a standardized method for data

communication and interoperability, enabling seamless integration and automation of monitoring processes to enhance network visibility and management.

NEW QUESTION: 25

Why is it crucial to set alerting thresholds in network assurance?

- A. To generate automated reports
- B. To monitor real-time traffic
- C. To trigger alerts based on predefined conditions
- D. To optimize WAN performance

Answer: ([SHOW ANSWER](#))

Setting alerting thresholds is crucial in network assurance to trigger alerts based on predefined conditions, enabling timely detection and response to network issues.

NEW QUESTION: 26

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: ([SHOW ANSWER](#))

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

NEW QUESTION: 27

How can collected data in network assurance be used to diagnose VPN gateway issues?

- A. By identifying latency spikes
- B. By monitoring real-time traffic
- C. By detecting connection failures
- D. By analyzing server logs

Answer: ([SHOW ANSWER](#))

Collected data can be used to diagnose VPN gateway issues by detecting connection failures and analyzing VPN tunnel performance in network assurance.

NEW QUESTION: 28

When selecting a Cisco network assurance platform, what aspect should be primarily considered based on business requirements?

- A. Hardware compatibility
- B. User interface design

- C. Energy efficiency
- D. Application communication

Answer: ([SHOW ANSWER](#))

When selecting a Cisco network assurance platform, it's essential to consider aspects such as application communication to ensure it aligns with business requirements and objectives.

NEW QUESTION: 29

When configuring alert rules based on network conditions, which parameter is commonly monitored to assess TCP protocol behavior?

- A. Congestion
- B. Error counters
- C. Packet loss
- D. Throughput

Answer: ([SHOW ANSWER](#))

TCP protocol behavior is commonly monitored by assessing parameters such as packet loss, retransmission rates, and TCP window size to identify potential network congestion, performance degradation, or protocol-related issues, allowing network administrators to configure alert rules accordingly.

NEW QUESTION: 30

What is the first step in setting a metric baseline for network performance analysis?

- A. Define key performance indicators (KPIs)
- B. Analyze network traffic patterns
- C. Establish alert thresholds
- D. Collect historical data

Answer: ([SHOW ANSWER](#))

Defining key performance indicators (KPIs) is the initial step in setting a metric baseline for network performance analysis.

NEW QUESTION: 31

In network analysis, what is the primary purpose of diagnosing end-device network issues?

- A. Assessing network security vulnerabilities
- B. Analyzing server performance metrics
- C. Identifying and resolving connectivity problems
- D. Monitoring network traffic patterns

Answer: ([SHOW ANSWER](#))

The primary purpose of diagnosing end-device network issues is to identify and resolve connectivity problems affecting individual devices (e.g., computers, smartphones) within the network, ensuring seamless access to network resources and services.

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NEW QUESTION: 32

Which RFC defines the framework for passive performance monitoring in network assurance?

- A. RFC 791
- B. RFC 7276
- C. RFC 793
- D. RFC 7799

Answer: ([SHOW ANSWER](#))

RFC 7276 defines the framework for passive performance monitoring, providing guidelines for collecting and analyzing network performance data in network assurance.

NEW QUESTION: 33

Which security issue can affect network performance by overwhelming network resources with excessive traffic?

- A. VLAN misconfigurations
- B. DNS resolution errors
- C. BGP routing issues
- D. DDoS attacks

Answer: ([SHOW ANSWER](#))

DDoS attacks can affect network performance by overwhelming network resources with excessive traffic, leading to service disruptions and slowdowns.

NEW QUESTION: 34

When selecting a Cisco network assurance platform, which factor should be prioritized for web applications?

- A. Scalability
- B. Application communication
- C. Event monitoring
- D. User experience

Answer: ([SHOW ANSWER](#))

For web applications, user experience should be prioritized when selecting a Cisco network assurance platform to ensure optimal performance and usability.

NEW QUESTION: 35

What is the primary objective of setting a metric baseline in network performance analysis?

- A. Defining alert thresholds
- B. Collecting historical data
- C. Analyzing network traffic patterns
- D. Establishing performance benchmarks

Answer: ([SHOW ANSWER](#))

The primary objective of setting a metric baseline is to establish performance benchmarks for comparison and evaluation.

NEW QUESTION: 36

When configuring syslog-based alert rules, what event triggers an alert notification?

- A. Log message severity
- B. Disk space usage
- C. Server response time
- D. Network bandwidth utilization

Answer: A ([LEAVE A REPLY](#))

Log message severity triggers alert notifications when configuring syslog-based alert rules, indicating the criticality of network events or issues reported in syslog messages.

NEW QUESTION: 37

What role does synthetic testing play in network assurance?

- A. Identifying real-time traffic patterns
- B. Monitoring hardware health
- C. Analyzing server logs
- D. Simulating user interactions

Answer: ([SHOW ANSWER](#))

Synthetic testing plays a crucial role in network assurance by simulating user interactions with applications, enabling proactive monitoring and performance optimization.

NEW QUESTION: 38

Which integration type enables real-time data exchange between Cisco technologies and external platforms?

- A. API integration
- B. Alerting thresholds
- C. Open telemetry
- D. SNMP integration

Answer: ([SHOW ANSWER](#))

API integration facilitates real-time data exchange, ensuring seamless interoperability between Cisco technologies and external platforms.

NEW QUESTION: 39

Which protocols are commonly used for passive monitoring in network assurance?

- A. HTTP
- B. DNS
- C. NetFlow
- D. SNMP
- E. SMTP
- F. ICMP

Answer: ([SHOW ANSWER](#))

SNMP and NetFlow are commonly used protocols for passive monitoring in network assurance, providing insights into network traffic and performance without actively probing devices.

NEW QUESTION: 40

- A. DNS test
- B. Voice test
- C. Network test
- D. Web test

Answer: ([SHOW ANSWER](#))

The DNS test in Thousand Eyes is specifically designed to assess the performance of DNS resolution, identifying latency and response time issues in network assurance.

NEW QUESTION: 41

What capability does Thousand Eyes WAN Insights offer for network optimization?

- A. Predicting security threats
- B. Optimizing server performance
- C. Enhancing endpoint security
- D. Analyzing WAN traffic

Answer: ([SHOW ANSWER](#))

Thousand Eyes WAN Insights offers the capability to analyze WAN traffic, identifying bottlenecks and optimizing network performance for improved user experience in network assurance.

NEW QUESTION: 42

When determining agent location, what factor should be prioritized to ensure effective data collection?

- A. Security requirements
- B. Network throughput
- C. Geographic distribution
- D. Latency considerations

Answer: ([SHOW ANSWER](#))

Latency considerations should be prioritized when determining agent location to ensure timely data collection and analysis in network assurance.

NEW QUESTION: 43

When selecting a Cisco network assurance platform, what aspect should be prioritized to enhance user satisfaction?

- A. Performance monitoring
- B. Event management capabilities
- C. Scalability
- D. Integration with ITSM tools

Answer: ([SHOW ANSWER](#))

Prioritizing performance monitoring enhances user satisfaction when selecting a Cisco network assurance platform.

NEW QUESTION: 44

Which RFC defines the framework for active monitoring in network assurance?

- A. RFC 7276
- B. RFC 7799
- C. RFC 7880
- D. RFC 791

Answer: ([SHOW ANSWER](#))

RFC 7880 defines the framework for active monitoring, providing guidelines for conducting proactive tests and measurements in network assurance.

NEW QUESTION: 45

When selecting a Cisco network assurance platform, what factor should be prioritized for efficient network troubleshooting?

- A. Network aesthetics
- B. Customer testimonials
- C. Alerting mechanisms
- D. Historical data storage

Answer: ([SHOW ANSWER](#))

Prioritizing alerting mechanisms is crucial when selecting a Cisco network assurance platform for efficient network troubleshooting and issue resolution.

NEW QUESTION: 46

What agent type is responsible for conducting synthetic user interactions with web applications?

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

Answer: ([SHOW ANSWER](#))

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

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NEW QUESTION: 47

Which optimization recommendations for network capacity planning are based on data interpretation in network assurance?

- A. Topology changes
- B. Security policy updates
- C. Configuration changes
- D. Bandwidth upgrades
- E. Server hardware upgrades
- F. QoS adjustments

Answer: (SHOW ANSWER)

Optimization recommendations for network capacity planning based on data interpretation may include topology changes, configuration changes, and Quality of Service (QoS) adjustments to ensure optimal network performance and resource utilization.

NEW QUESTION: 48

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: (SHOW ANSWER)

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

NEW QUESTION: 49

How does an endpoint agent contribute to network data collection?

- A. Monitoring end-user devices

- B. Managing network infrastructure
- C. Analyzing network traffic
- D. Configuring network protocols

Answer: A ([LEAVE A REPLY](#))

An endpoint agent contributes to network data collection by monitoring end-user devices and capturing relevant performance metrics for analysis.

NEW QUESTION: 50

- A. Throughput-based rules
- B. Connectivity-based rules
- C. Performance-based rules
- D. State-based rules

Answer: ([SHOW ANSWER](#))

Connectivity-based rules are used to monitor VPN connectivity issues affecting the end-user experience by setting thresholds for VPN connection establishment times, packet loss rates, and latency to detect connectivity failures, disruptions, or degradation and trigger alerts for immediate investigation and resolution.

NEW QUESTION: 51

Which alert rule configuration affects the end-user experience by monitoring CPU utilization and connectivity types?

- A. User experience alert
- B. Performance alert
- C. Security alert
- D. Threshold alert

Answer: ([SHOW ANSWER](#))

User experience alert rules affect the end-user experience by monitoring CPU utilization, connectivity types, and other factors impacting usability.

NEW QUESTION: 52

What role does a scripting agent play in network assurance?

- A. Collecting local data
- B. Analyzing WAN performance
- C. Managing network devices
- D. Automating tasks

Answer: ([SHOW ANSWER](#))

A scripting agent automates tasks such as configuration changes and data collection in network assurance, enhancing operational efficiency and reducing manual effort.

NEW QUESTION: 53

What consideration is essential when determining the optimal location for deploying network agents?

- A. Coffee availability
- B. Room temperature
- C. Device brand
- D. Network topology

Answer: D ([LEAVE A REPLY](#))

Network topology is essential to consider when determining the optimal location for deploying network agents to ensure effective data collection and monitoring.

NEW QUESTION: 54

When recommending optimization for network capacity planning, what factors are typically considered based on data interpretation?

- A. Application performance
- B. Topology and configuration changes
- C. Server hardware upgrades
- D. Security vulnerabilities

Answer: ([SHOW ANSWER](#))

When recommending optimization for network capacity planning, factors such as topology and configuration changes are typically considered based on data interpretation. This includes optimizing network architecture, adjusting routing protocols, and deploying additional network resources to improve performance, reliability, and scalability in response to changing traffic patterns and business requirements.

NEW QUESTION: 55

What feature of Thousand Eyes WAN Insights allows for predicting network performance trends?

- A. Historical data analysis
- B. Real-time packet capture
- C. User behavior analysis
- D. Predictive modeling

Answer: ([SHOW ANSWER](#))

Thousand Eyes WAN Insights utilizes historical data analysis to predict network performance trends, enabling proactive optimization and resource allocation.

NEW QUESTION: 56

What is a limitation of synthetic web tests in network assurance?

- A. Sensitivity to network congestion
- B. Dependency on server-side logs
- C. Lack of scalability
- D. Inability to detect client-side issues

Answer: ([SHOW ANSWER](#))

A limitation of synthetic web tests is their inability to detect client-side issues, potentially leading to incomplete performance evaluation in network assurance.

NEW QUESTION: 57

When determining agent location for network assurance, what consideration is essential for minimizing latency?

- A. Network topology
- B. Regulatory compliance
- C. Security requirements
- D. Geographic distribution

Answer: ([SHOW ANSWER](#))

Geographic distribution is essential for minimizing latency when determining agent location for network assurance, ensuring proximity to network endpoints for efficient data collection and monitoring.

NEW QUESTION: 58

Which authentication method is commonly used in synthetic web tests for secure access to web applications?

- A. OAuth
- B. Digest authentication
- C. Basic authentication
- D. SAML

Answer: ([SHOW ANSWER](#))

Security Assertion Markup Language (SAML) is commonly used in synthetic web tests for secure access to web applications, providing robust authentication and authorization mechanisms in network assurance.

NEW QUESTION: 59

What is the primary function of DNS tests configured in network assurance tools?

- A. Analyze network traffic
- B. Identify security vulnerabilities
- C. Resolve domain names to IP addresses
- D. Monitor network latency

Answer: ([SHOW ANSWER](#))

The primary function of DNS tests configured in network assurance tools is to resolve domain names to IP addresses, simulate DNS queries and responses, and monitor DNS server performance to ensure domain name resolution reliability, identify DNS-related issues, and troubleshoot DNS resolution errors.

NEW QUESTION: 60

What is the first step in diagnosing network issues using collected data?

- A. Identifying affected devices
- B. Analyzing performance metrics
- C. Analyzing packet traces
- D. Identifying network anomalies

Answer: (SHOW ANSWER)

The first step in diagnosing network issues using collected data is analyzing performance metrics to identify deviations from normal network behavior.

NEW QUESTION: 61

What is a crucial factor to consider when determining the location of network agents for security purposes?

- A. Proximity to critical infrastructure
- B. Availability of meeting rooms
- C. Access to natural light
- D. Distance from employee workstations

Answer: (SHOW ANSWER)

Placing network agents near critical infrastructure enhances security monitoring and threat detection capabilities.

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NEW QUESTION: 62

What capability does Thousand Eyes WAN Insights offer for analyzing network traffic patterns?

- A. Network segmentation
- B. Predictive analytics
- C. Server virtualization
- D. Real-time packet capture

Answer: (SHOW ANSWER)

WAN Insights offers real-time packet capture capabilities for analyzing network traffic patterns and identifying performance bottlenecks.

NEW QUESTION: 63

Which authentication method is commonly used in synthetic web tests for secure access to web applications?

- A. LDAP
- B. OAuth
- C. Basic authentication
- D. Digest authentication

Answer: C ([LEAVE A REPLY](#))

Basic authentication is commonly used in synthetic web tests for secure access to web applications, providing a simple yet effective authentication mechanism in network assurance.

NEW QUESTION: 64

What type of alert rule configuration is used to monitor CPU utilization on end-user devices?

- A. Historical data analysis
- B. Threshold-based alerts
- C. Anomaly detection
- D. Real-time traffic analysis

Answer: ([SHOW ANSWER](#))

Threshold-based alerts are used to monitor CPU utilization on end-user devices by triggering alert notifications when CPU usage exceeds predefined threshold values, indicating potential performance issues.

NEW QUESTION: 65

What is the purpose of synthetic web tests in network assurance?

- A. Detecting cybersecurity threats
- B. Analyzing network infrastructure
- C. Monitoring server hardware performance
- D. Simulating user interactions with web applications

Answer: ([SHOW ANSWER](#))

Synthetic web tests are used to simulate user interactions with web applications, allowing network administrators to proactively monitor and evaluate web application performance and responsiveness from various locations.

NEW QUESTION: 66

What is the purpose of setting a metric baseline in network assurance?

- A. Generating alerts
- B. Identifying anomalies
- C. Configuring network policies
- D. Collecting historical data

Answer: ([SHOW ANSWER](#))

Setting a metric baseline helps in identifying anomalies by providing a reference point for normal network behavior, enabling the detection of deviations.

NEW QUESTION: 67

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: ([SHOW ANSWER](#))

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

NEW QUESTION: 68

What type of alert rule is configured based on network conditions such as TCP protocol behavior and congestion?

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

Answer: ([SHOW ANSWER](#))

A protocol alert rule is configured based on network conditions such as TCP protocol behavior and congestion to detect and mitigate potential issues.

NEW QUESTION: 69

When determining the optimal location for deploying network agents, what factor is crucial for minimizing latency?

- A. Accessibility to external vendors
- B. Distance from the marketing department
- C. Availability of office amenities
- D. Proximity to end-users

Answer: ([SHOW ANSWER](#))

Deploying network agents close to end-users minimizes latency and ensures efficient data collection.

NEW QUESTION: 70

Which RFC defines the framework for passive monitoring in network assurance?

- A. RFC 791
- B. RFC 7276
- C. RFC 7799
- D. RFC 7880

Answer: ([SHOW ANSWER](#))

RFC 7799 defines the framework for passive monitoring, providing guidelines for capturing and analyzing network traffic without affecting network performance in network assurance.

NEW QUESTION: 71

What distinguishes active monitoring from passive monitoring in network assurance?

- A. Continuous monitoring of server logs
- B. Collection of historical data
- C. Active probing of network devices
- D. Real-time analysis of network traffic

Answer: ([SHOW ANSWER](#))

Active monitoring involves actively probing network devices to collect real-time data, while passive monitoring observes network traffic passively without interacting with devices.

NEW QUESTION: 72

How does the integration between Cisco technologies benefit network management?

- A. Reduces software compatibility
- B. Centralizes management tasks
- C. Increases hardware complexity
- D. Limits scalability options

Answer: ([SHOW ANSWER](#))

Integration of Cisco technologies centralizes management tasks, streamlining network operations and improving efficiency.

NEW QUESTION: 73

In network assurance, what is the purpose of a local collection agent?

- A. Gathering data from nearby devices
- B. Conducting remote diagnostics
- C. Analyzing global network trends
- D. Managing cloud-based applications

Answer: ([SHOW ANSWER](#))

The purpose of a local collection agent is to gather data from nearby devices within the same network segment, enabling detailed monitoring and analysis of local traffic patterns.

NEW QUESTION: 74

How does alert rule validation contribute to network assurance?

- A. Reducing hardware redundancy
- B. Increasing network complexity
- C. Ensuring alert accuracy
- D. Limiting data collection

Answer: ([SHOW ANSWER](#))

Alert rule validation contributes to network assurance by ensuring alert accuracy and reliability, enabling timely detection and resolution of network issues and vulnerabilities.

NEW QUESTION: 75

What is the primary objective of synthetic testing in network assurance?

- A. Analyzing server logs
- B. Monitoring hardware health
- C. Simulating user interactions
- D. Identifying network vulnerabilities

Answer: C (LEAVE A REPLY)

The primary objective of synthetic testing is to simulate user interactions with applications, enabling proactive monitoring and performance optimization in network assurance.

NEW QUESTION: 76

Which deliverable is commonly recommended for IT operations teams to monitor network performance?

- A. Dashboards
- B. Reports
- C. Performance metrics
- D. Alerts

Answer: (SHOW ANSWER)

Dashboards are commonly recommended for IT operations teams to monitor network performance as they provide real-time visualizations of key performance indicators (KPIs), network status, and operational metrics, enabling proactive monitoring and rapid response to performance issues.

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NEW QUESTION: 77

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: (SHOW ANSWER)

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.

NEW QUESTION: 78

Which metric is recommended for dashboard deliverables for IT operations based on network assurance data interpretation?

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

Answer: C (LEAVE A REPLY)

Application latency is a recommended metric for dashboard deliverables for IT operations, providing insights into application performance and user experience in network assurance.

NEW QUESTION: 79

Which Cisco technology provides real-time analytics and insights into network traffic using flow-based telemetry?

- A. SNMP
- B. Syslog
- C. API
- D. NetFlow

Answer: (SHOW ANSWER)

NetFlow is a Cisco technology that provides real-time analytics and insights into network traffic using flow-based telemetry. It collects and analyzes network flow data, including source and destination IP addresses, ports, protocols, and traffic volume, to monitor network behavior, detect anomalies, and troubleshoot performance issues.

NEW QUESTION: 80

What is the purpose of a scripting agent in network assurance?

- A. Monitoring WAN performance
- B. Collecting data from servers
- C. Conducting synthetic web tests
- D. Analyzing web traffic

Answer: (SHOW ANSWER)

A scripting agent is used to conduct synthetic web tests, which involve simulating user interactions with web applications to monitor performance and identify issues.

NEW QUESTION: 81

When diagnosing network issues such as packet loss, which collected data is typically analyzed?

- A. User authentication logs

- B. Performance metrics
- C. Network traffic logs
- D. Server configurations

Answer: ([SHOW ANSWER](#))

When diagnosing network issues such as packet loss, performance metrics collected from network devices, such as routers, switches, and firewalls, are typically analyzed. These metrics include round-trip time (RTT), jitter, and packet loss rates to identify abnormalities and troubleshoot network performance issues.

NEW QUESTION: 82

Which location for an agent would be most suitable for diagnosing local network issues effectively?

- A. At a remote branch office
- B. On the cloud
- C. At the data center
- D. At the default gateway

Answer: ([SHOW ANSWER](#))

Placing an agent at the default gateway allows for monitoring and diagnosing issues related to local network connectivity effectively.

NEW QUESTION: 83

Which Thousand Eyes test is specifically designed to assess the performance of DNS servers?

- A. Network test
- B. Voice test
- C. Web test
- D. DNS test

Answer: ([SHOW ANSWER](#))

The DNS test in Thousand Eyes is specifically designed to assess the performance of DNS servers, identifying issues such as latency and resolution times.

NEW QUESTION: 84

What is a common issue diagnosed using collected data related to real-time streaming?

- A. Network congestion
- B. DNS server failure
- C. Packet loss
- D. CPU utilization spike

Answer: ([SHOW ANSWER](#))

Packet loss is a common issue diagnosed using collected data related to real-time streaming, indicating potential network performance degradation in network assurance.

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