

SolarWinds SCP-NPM

SCP Network Performance Monitor (NPM) Exam

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Latest Version: 7.1

Question: 1

Which is not true for Device Studio Poller?

- A. Collects data from Orion Failover Engine or Hot Standby Engines
- B. Can perform logical operations or transformations on the polled data
- C. Polled values are displayed in existing resources
- D. Can poll multiple OIDs for a given technology

Answer: A

Explanation:

Device Studio Poller is a feature that allows users to create custom pollers for devices or technologies that are not supported by default in NPM. It can poll multiple OIDs for a given technology, perform logical operations or transformations on the polled data, and display the polled values in existing resources. However, it does not collect data from Orion Failover Engine or Hot Standby Engines, which are features of Orion High Availability that ensure continuous monitoring in case of primary server failure¹². Reference: 1: Create pollers in Device Studio for NPM³, 2: When Good OIDs Go Bad: Customizing Device Pollers, 3: Manage Pollers (AKA Device Studio) question https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-monitoringmibs-with-universal-device-pollers-sw548.htm

Question: 2

How does NPM calculate capacity usage trends?

- A. Volume capacity
- B. Average calculation
- C. Capacity forecasting widget
- D. Historical data

Answer: D

Explanation:

Capacity usage trends are calculated based on historical data. By default, the longest time period taken into account for calculating the capacity forecast is 180 days. The more historical data up to 180 days are available, the more precise is the calculated forecast. Forecast calculation methods include peak calculation and average calculation, which can be set globally or customized for individual objects. Capacity forecasting is available for nodes, interfaces, and volumes that meet certain requirements, such as being managed in NPM and having enough historical data in the database. Reference: Monitor capacity usage trends on the network and forecast capacity issues in NPM, Forecast capacity for nodes,

interfaces, or volumes in NPM, Real-Time Network Monitoring Tool

Question: 3

You can display Palo Alto firewalls on Orion Maps.

- A. False
- B. True

Answer: B

Explanation:

Orion Maps 2.0 supports displaying Palo Alto firewalls as network devices, along with their interfaces, zones, policies, and traffic data. You can also view the firewall status, alerts, and events on the map. To add a Palo Alto firewall to an Orion Map, you need to have Network Insight for Palo Alto enabled in NPM, and discover the firewall using SNMP and API polling. Reference: Orion Maps 2.0, New Alerting, and Palo Alto Networks Monitoring - SolarWinds Lab Episode #77, SolarWinds Lab Episode 77: Orion Maps 2.0, New Alerting, and Palo Alto Networks Monitoring - Orange Matter, Network Insight for Palo Alto Networks in NPM

Question: 4

You inherit an environment with NPM and begin to receive High Traffic Utilization alerts from interfaces. When you view the alert, the issue is resolved. How do you modify NPM to receive fewer false alerts?

- A. Configure the alert so that it triggers only when traffic utilization remains high for a sustained period
- B. Configure the alert so that it resets only when traffic utilization remains high for a sustained period
- C. Increase the status polling frequency on the problematic interfaces
- D. Increase the statistics polling frequency on the problematic interfaces

Answer: A

Explanation:

High Traffic Utilization alerts are triggered when the interface's received or transmitted percent utilization exceeds a specified threshold. However, this may not reflect the actual network congestion, as traffic spikes can occur momentarily and then subside. To avoid false alerts, you can configure the alert to trigger only when the traffic utilization remains high for a sustained period, such as 5 minutes or more. This way, you can filter out the transient traffic peaks and focus on the persistent issues that affect the network performance. Reference:

How do I create a high transmit percent utilization alert to monitor interface bandwidth

Trouble with High receive percent utilization alert

How alerts work

Question: 5

You use NPM to monitor a set of physical servers. The server team decides to virtualize these servers using VMware. Which part of your virtual infrastructure will NPM no longer be able to monitor?

- A. Virtualization host hardware health
- B. VM sprawl monitoring
- C. Virtualization host and VM performance metrics
- D. Virtualization environment tree

Answer: B

Explanation:

https://support.solarwinds.com/SuccessCenter/s/article/VMAN-and-IVIM-featurecomparison?language=en_US

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