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Q&A

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Exam : **200-310**

Title : Designing forCisco Internetwork Solutions

Version : DEMO

1.You want to gather as much detail as possible during a network audit, to include data time stamping across a large number of interfaces, customized according to interface, with a minimal impact on the network devices themselves.
Which tool would you use to meet these requirements?
A. RMON
B. SNMPv3
C. NetFlow
D. Cisco Discovery Protocol
Answer: C
Explanation:
NetFlow provides extremely granular and accurate traffic measurements and a high-level collection of aggregated traffic. The output of netflow information is displayed via the show ip cache flow command on routers. The Table shows a description of the fields for NetFlow output. Table. Netflow Output escription

Field	Description
Bytes	Number of bytes of memory that are used by the NetFlow cache
Active	Number of active flows
Inactive	Number of flow buffers that are allocated in the Netflow cache
Added	Number of flows that have been created since the start of the summary
Exporting flows	IP address and UDP port number of the workstation to which flows are exported
Flows exported	Total number of flows export and the total number of UDP datagrams
Protocol	IP protocol and well-known port number
Total Flows	Number of flows for this protocol since the last time that statistics were cleared
Flows/sec	Average number of flows this protocol per second
Packets/flow	Average number of packets per flow per second
Bytes/pkt	Average number of bytes for this protocol
Packets/sec	Average number of packets for this protocol per second

2.You want to gather as much detail as possible during a network audit with a minimal impact on the network devices themselves.
Which tool would you use to include data time stamping across a large number of interfaces while being customized according to each interface?
A. RMON
B. SNMPv3
C. NetFlow
D. Cisco Discovery Protocol
Answer: C

3.In which phase of PPDIOO are the network requirements identified?
A. Design

B. Plan
C. Prepare
D. Implement
E. Operate
F. Optimize
Answer: B
Explanation:

PPDIOO Phase	Description
Prepare	Establishes organization and business requirements, develops a network strategy, and proposes a high-level architecture
Plan	Identifies the network requirements by characterizing and assessing the network, performing a gap analysis
Design	Provides high availability, reliability, security, scalability, and performance
Implement	Installation and configuration of new equipment
Operate	Day-to-day network operations
Optimize	Proactive network management; modifications to the design

Plan Phase
The Plan phase identifies the network requirements based on goals, facilities, and user needs. This phase characterizes sites and assesses the network, performs a gap analysis against best-practice architectures, and looks at the operational environment. A project plan is developed to manage the tasks, responsible parties, milestones, and resources to do the design and implementation. The project plan aligns with the scope, cost, and resource parameters established with the original business requirements. This project plan is followed (and updated) during all phases of the cycle.

4.Which is part of the Prepare phase of PPDIOO?
A. Obtain site contact information
B. Perform network audit
C. Identify customer requirements
D. Perform gap analysis
Answer: C
Explanation:

PPDIOO Phase	Description
Prepare	Establishes organization and business requirements, develops a network strategy, and proposes a high-level architecture
Plan	Identifies the network requirements by characterizing and assessing the network, performing a gap analysis
Design	Provides high availability, reliability, security, scalability, and performance
Implement	Installation and configuration of new equipment
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Prepare Phase
The Prepare phase establishes organization and business requirements, develops a network strategy, and proposes a high-level conceptual architecture to support the strategy. Technologies that support the architecture are identified. This phase creates a business case to establish a financial justification for a network strategy.

5.When designing the identity and access control portions for the enterprise campus network, which of these solutions would be the most appropriate solution to consider?
A. 802.1X
B. ACLs in the core layer
C. Cisco Security MARS
D. NetFlow
Answer: A
Explanation:

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