

Q1

1. Which command would you configure globally on a Cisco router that would allow you to view directly connected Cisco devices?
 - A. cdp run
 - B. enable cdp
 - C. cdp enable
 - D. run cdp

cdp enable

Q2

2. LLDP operates at which layer of OSI Model?

Layer 4

Q3

3. What are the three components of SNMP?

SNMP Manager

SNMP Agents

Management Information Base (MIB)



SNMP

Introduction to SNMP

SNMP was developed to allow administrators to manage nodes on an IP network. It enables network administrators to monitor and manage network performance, find and solve network problems, and plan for network growth.

SNMP is an application layer protocol that provides a message format for communication between managers and agents. The SNMP system consists of three elements:

- SNMP manager
- SNMP agents (managed node)
- Management Information Base (MIB)

SNMP defines how management information is exchanged between network management applications and management agents. The SNMP manager polls the agents and queries the MIB for SNMP agents on UDP port 161. SNMP agents send any SNMP traps to the SNMP manager on UDP port 162.



Q4

- What are the popular destinations for Syslog messages to be saved?

internal buffer which only viewable through the CLI of the devices

Q5

- What to do when the router password was forgotten?
 - use default password cisco to reset
 - access router physically
 - use ssl/vpn
 - Type confreg 0x2142 at the rommon 1

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