

## 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

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

internal buffer which only viewable through the CLI of the devices

## Q5

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

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