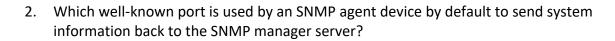**ENCOR v1.1 (350-401) Video Training Series**
Module 4 – Lesson 2 Quiz

Questions

1. Which well-known port is used by an SNMP manager as default for polling SNMP agent devices in the network?

   A. TCP 162
   B. UDP 162
   C. TCP 161
   D. UDP 161

2. Which well-known port is used by an SNMP agent device by default to send system information back to the SNMP manager server?

   A. TCP 162
   B. UDP 162
   C. TCP 161
   D. UDP 161

3. When configuring an SNMP manager in Cisco IOS, which command keyword option will ensure that we are using both authentication and encryption with SNMP version 3 (SNMPv3)?

   A. auth
   B. nopriv
   C. priv
   D. encrypt

Questions and Answers

1. Which well-known port is used by an SNMP manager as default for polling SNMP agent devices in the network?

    A. TCP 162
    B. UDP 162
    C. TCP 161
    D. UDP 161

Answer: D
Explanation: By default, SNMP managers use UDP communication over port 161 in order to poll SNMP agent devices in the network. These polls are remote queries that are used to gather information about the hardware and software states of the devices.

Video Reference: SNMP Theory

2. Which well-known port is used by an SNMP agent device by default to send system information back to the SNMP manager server?

    A. TCP 162
    B. UDP 162
    C. TCP 161
    D. UDP 161

Answer: B
Explanation: An SNMP agent is a process running on a monitored device that allows it to respond to information poll requests from an SNMP manager. Unsolicited messages can also be sent out in this manner, known as traps. This information is sent by default as UDP communication over port 162.

Video Reference: SNMP Theory

3. When configuring an SNMP manager in Cisco IOS, which command keyword option will ensure that we are using both authentication and encryption with SNMP version 3 (SNMPv3)?

    A. auth
    B. nopriv
    C. priv
    D. encrypt

Answer: C
Explanation: SNMP version 3 (SNMPv3) provides both authentication and encryption features. This is the most recent and preferred version of SNMP, which introduced enhanced security. Within SNMPv3 there are three security levels in IOS; "auth," "no priv," and "priv." Using the "priv" keyword will ensure that we take advantage of both the authentication and encryption features in SNMPv3.

Video Reference: SNMPv3 Configuration