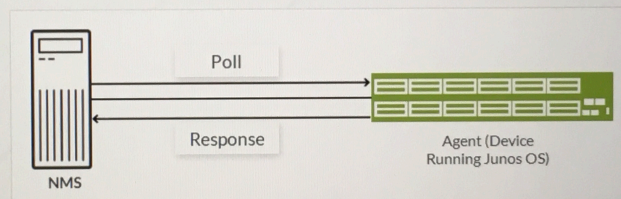


SNMP Overview:

- SNMP facilitates communication between an SNMP agent & a network management system (NMS)

SNMP Overview: Part 1

- o SNMP facilitates communication between an SNMP agent and a network management system (NMS)
 - NMS and agent communication
 - Get, GetBulk, and GetNext requests: The SNMP manager requests information from an SNMP agent
 - Set requests: The SNMP manager changes the value of a MIB object controlled by the agent
 - Notifications (traps—SNMP v2c or informs—SNMP v3): The SNMP agent sends traps to notify the manager of significant events regarding the network device



- Agents respond to requests from NMS and send notifications of network events (traps & informs)

MIB:

↳ Used to define managed objects in a network device.

↳ Designed in Hierarchical tree structure

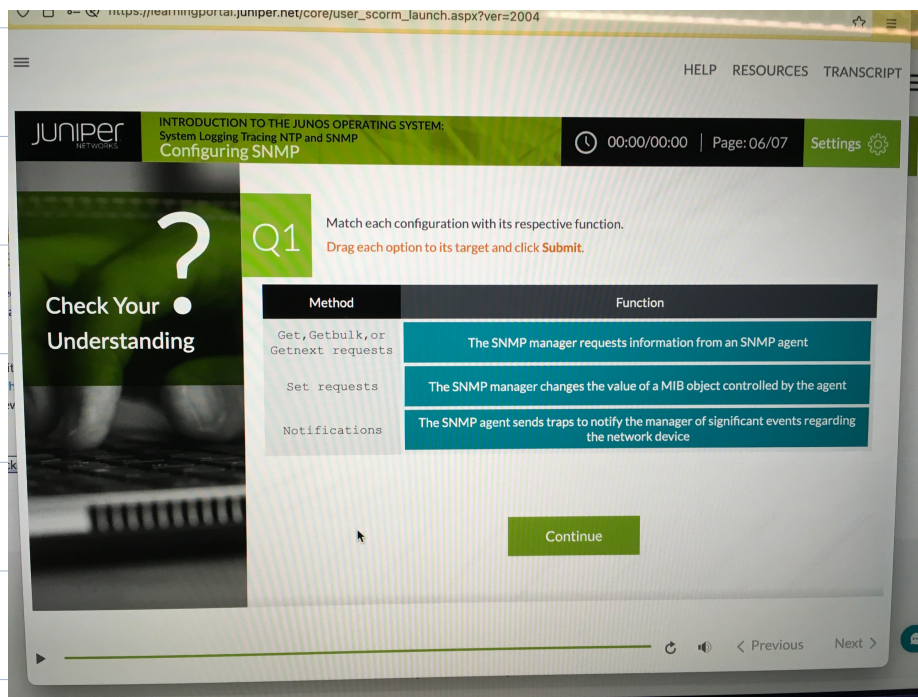
↳ standard or enterprise-specific

↳ consist of object identifiers.

Monitoring SNMP Operations

↳ Monitor SNMP protocol using

tracelogs, sys log, & show commands.



++ LAB!

