

Course: Computer and Communication Networks

Topic: Simple Network Management Protocol (SNMP)

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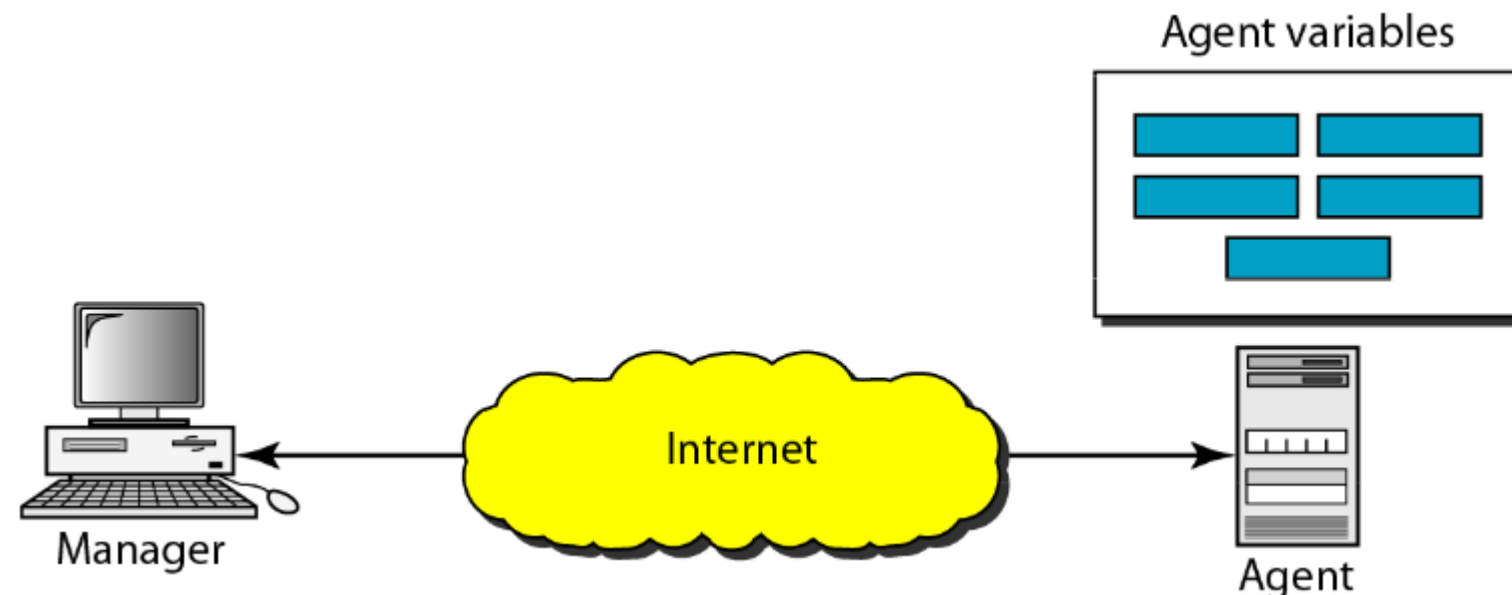
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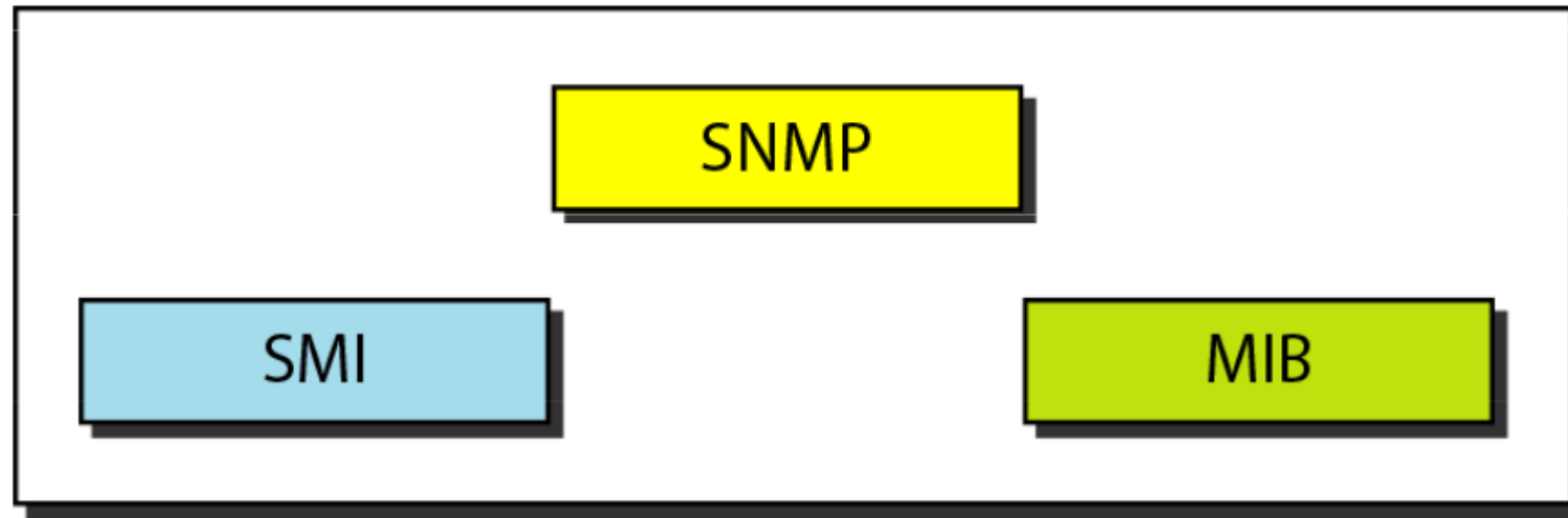
Simple Network Management Protocol (SNMP)

The Simple Network Management Protocol (SNMP) is a framework for managing devices in an internet using the TCP/IP protocol suite. It provides a set of fundamental operations for monitoring and maintaining an internet.



Components of network management on the Internet

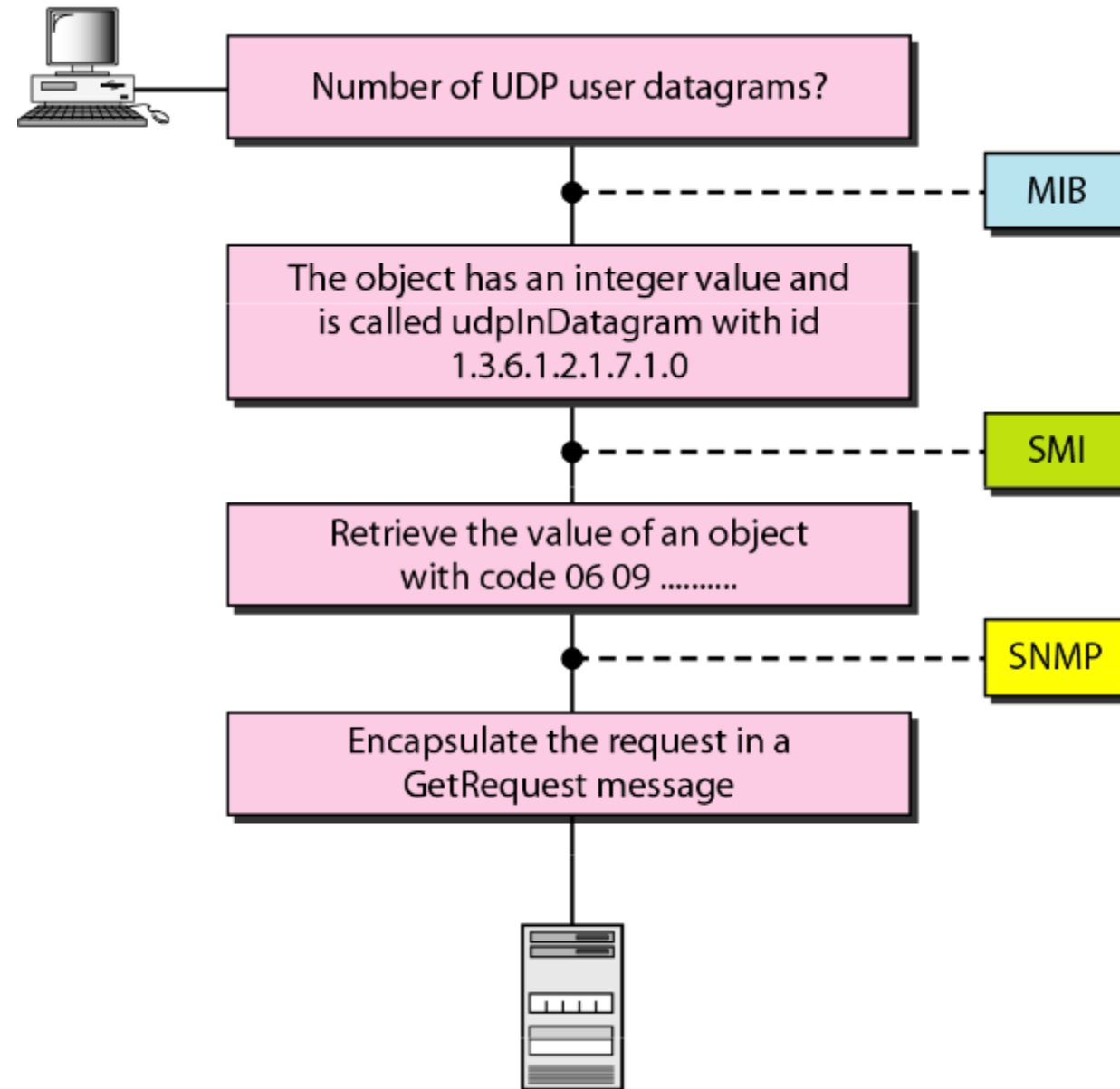
Management



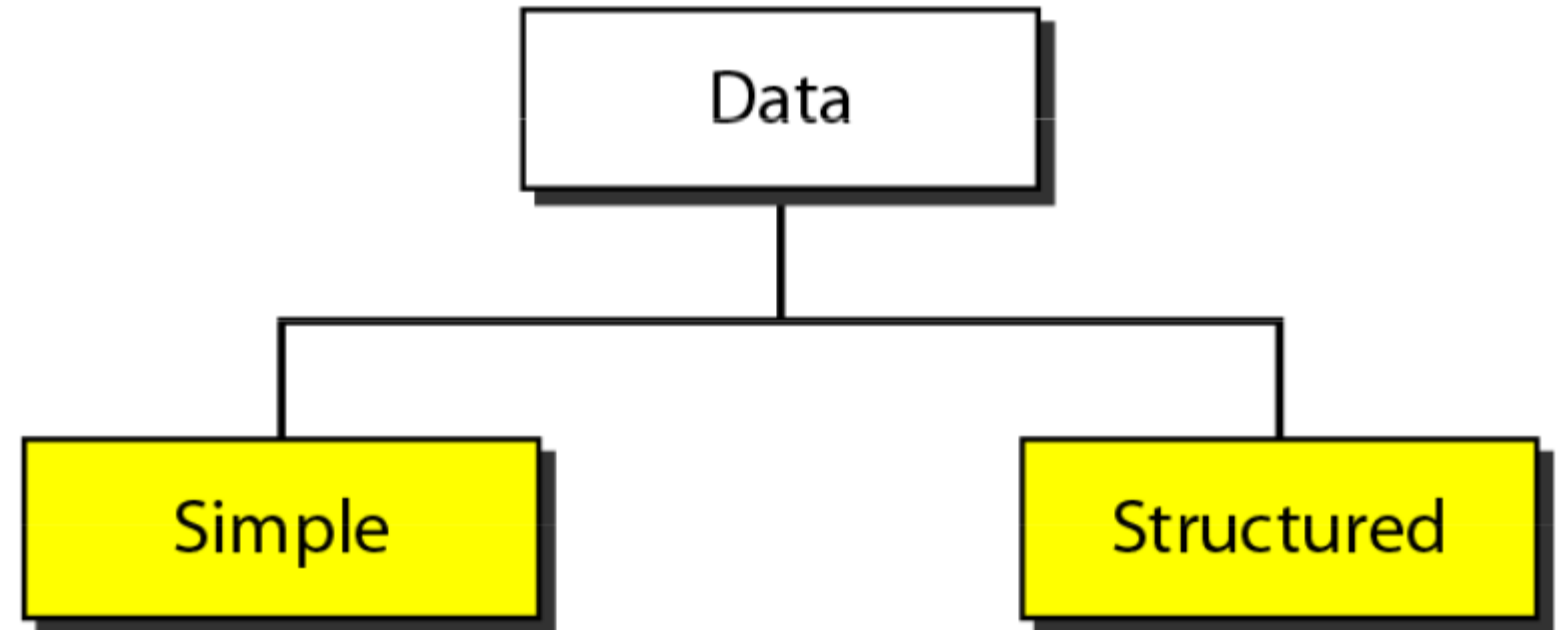
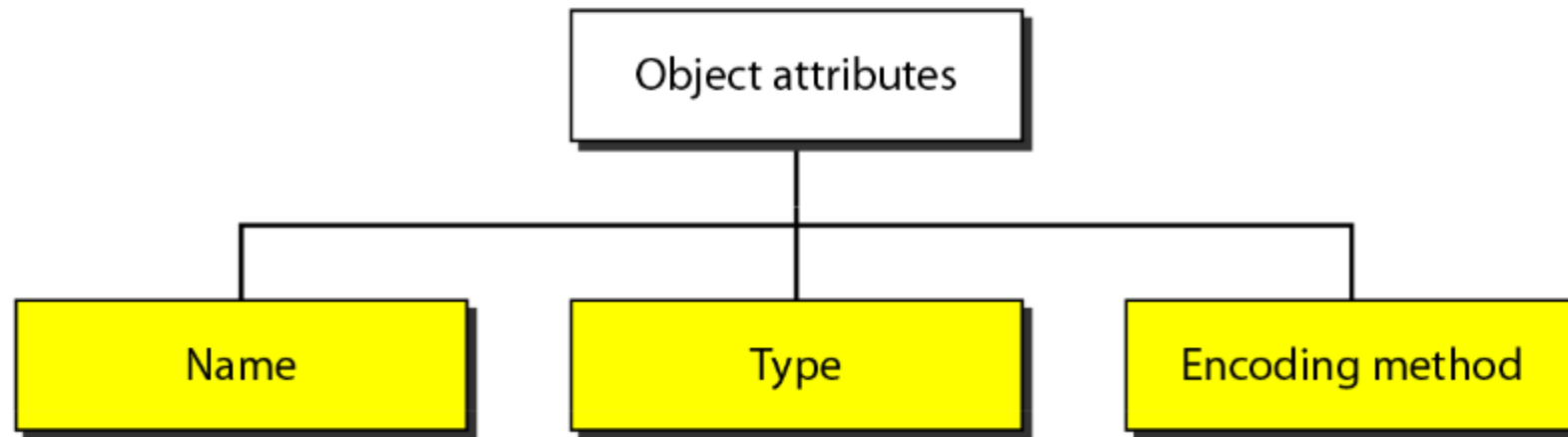
SNMP defines the format of packets exchanged between a manager and an agent.

It reads and changes the status (values) of objects (variables) in SNMP packets.

Management overview



Object attributes



SNMP message

