

Simple Network Management Protocol (SNMP)



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Module Goals



Simple Network Management Protocol

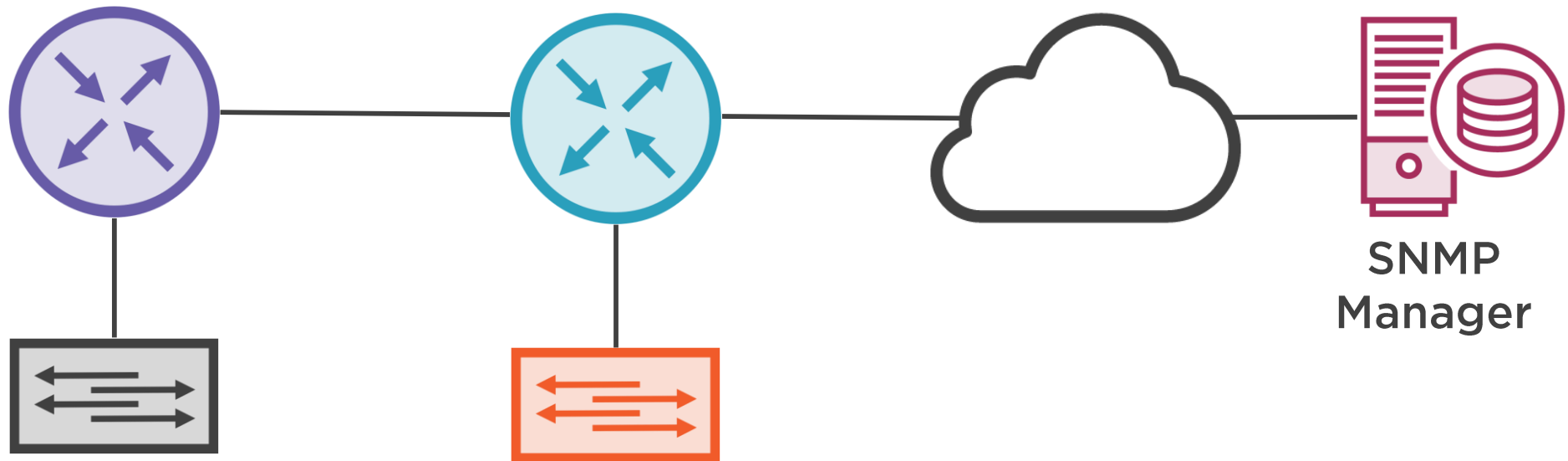
SNMP Traps/Walk

SNMP version characteristics

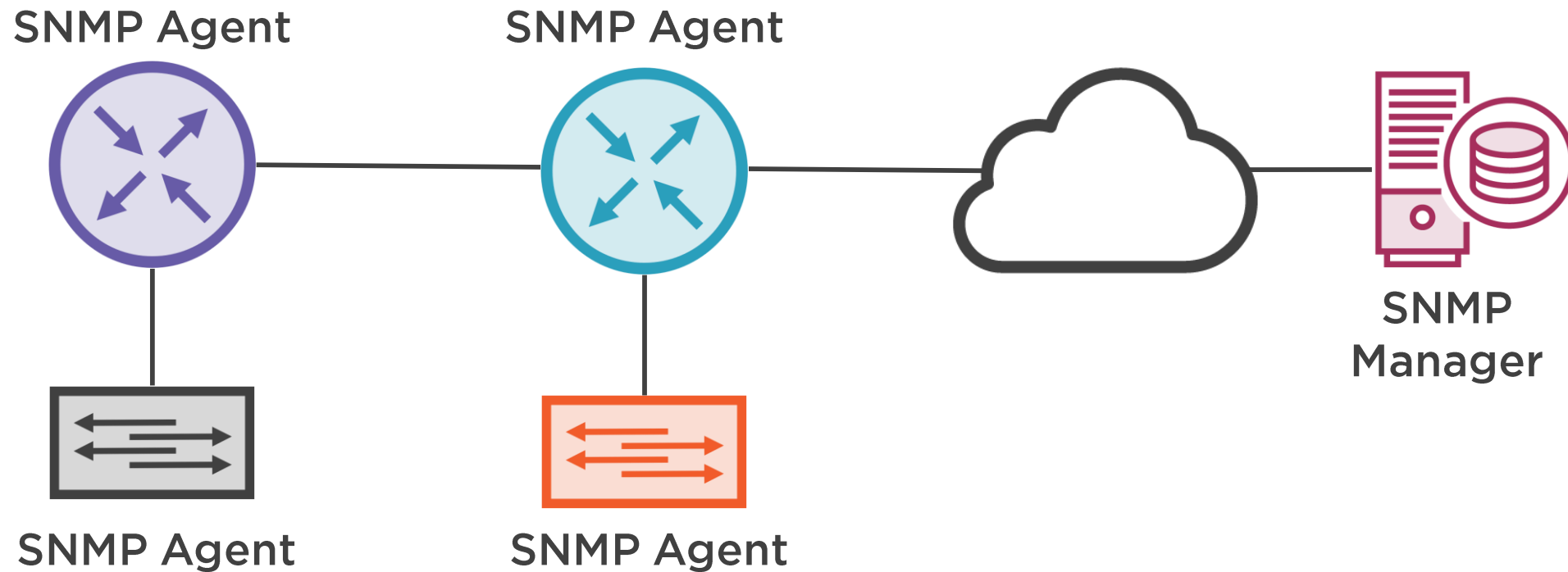
Simple Network Management Protocol (SNMP)



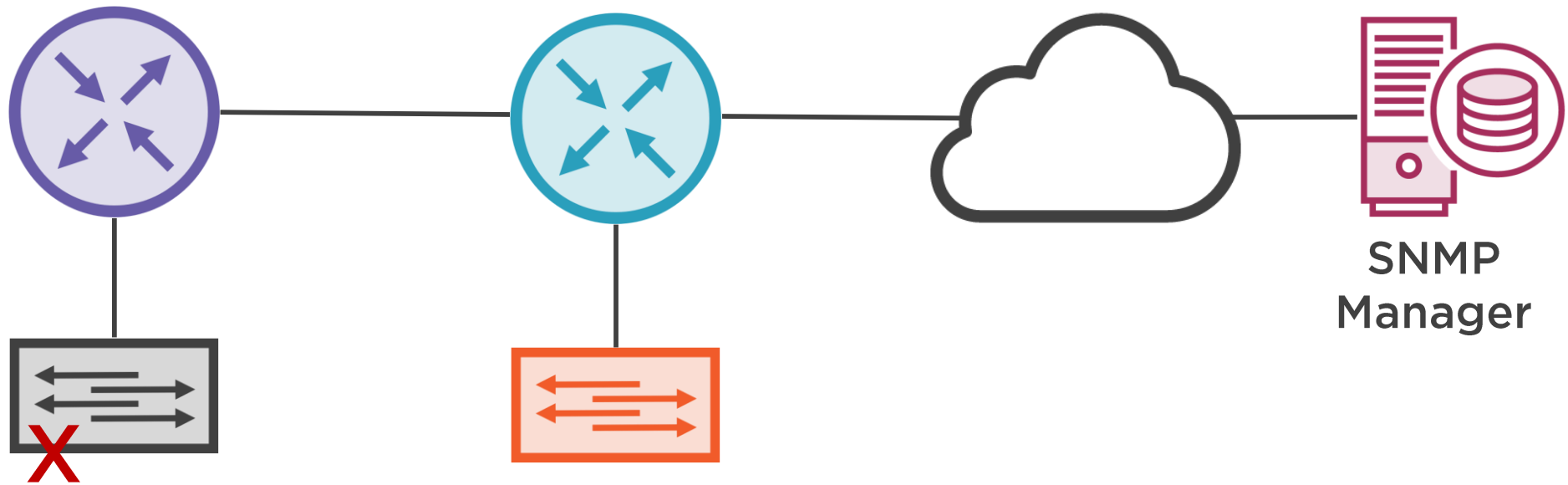
Simple Network Management Protocol



Simple Network Management Protocol

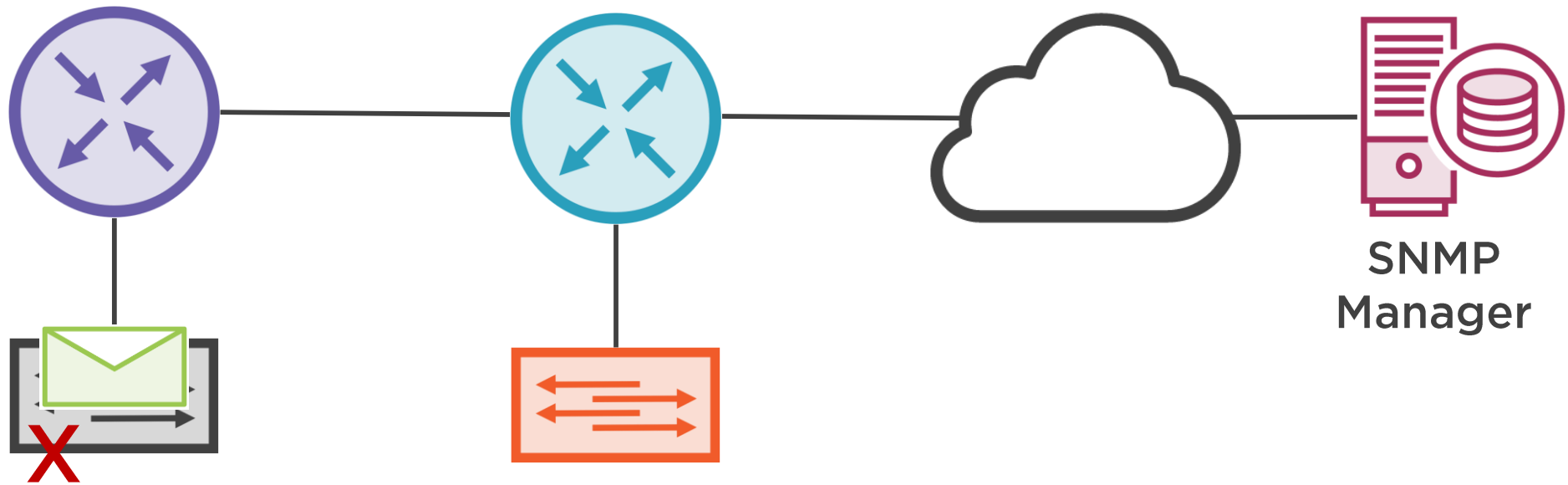


Simple Network Management Protocol



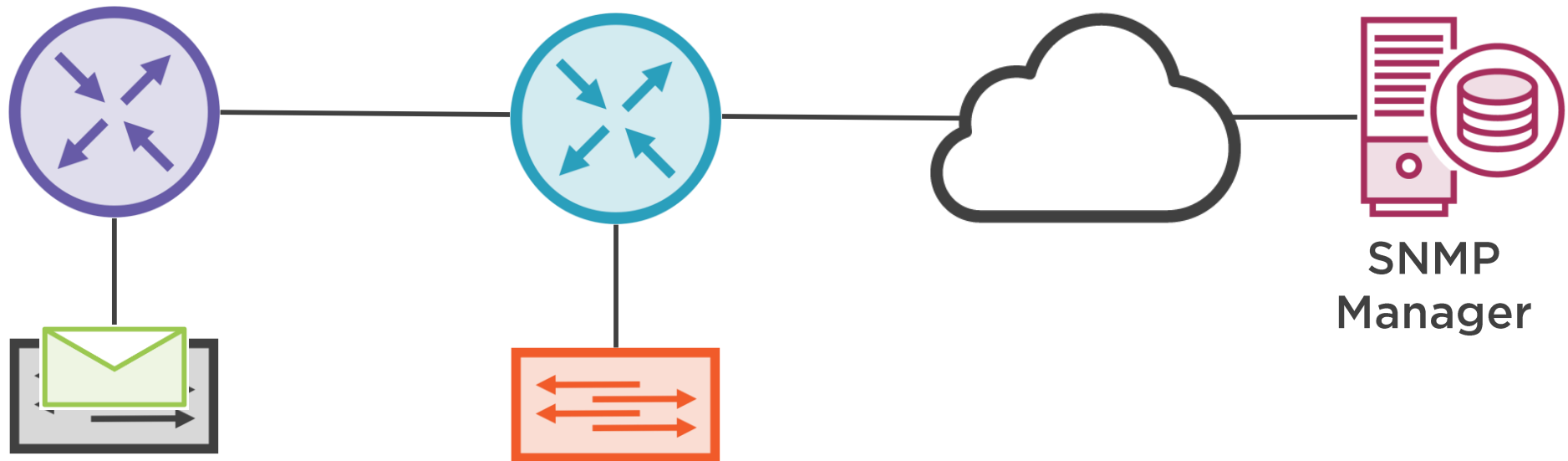
Simple Network Management Protocol

Trap

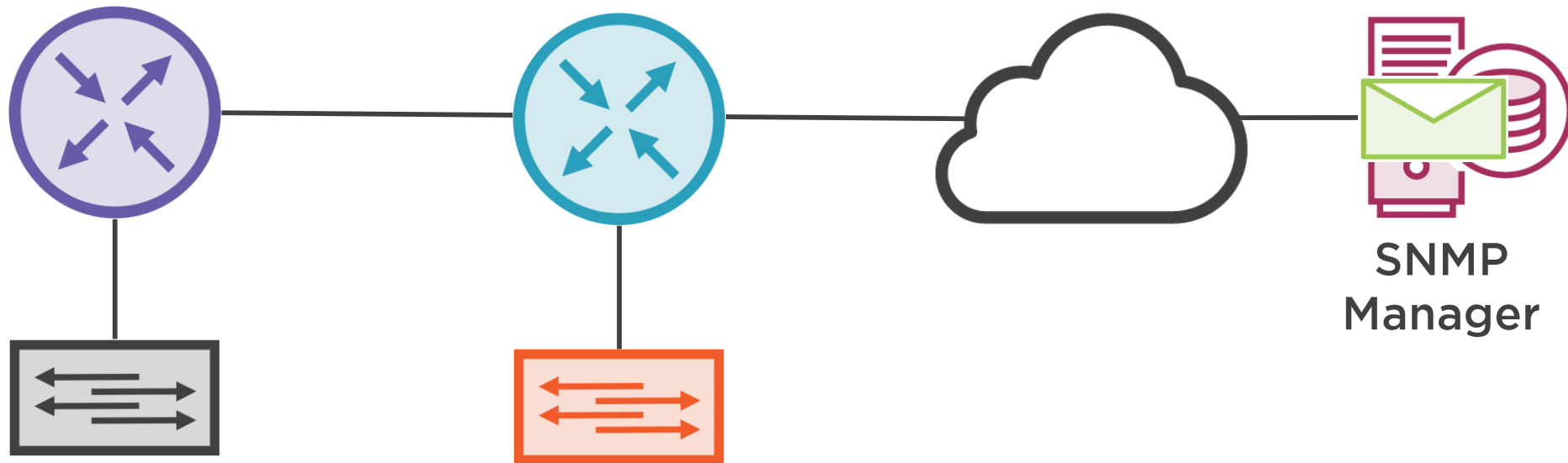


Simple Network Management Protocol

Trap



Simple Network Management Protocol **Walk**



SNMP



Management Information Base (MIB)

- Database of device properties
- "MIB number"



SNMPv2c

- Community string to authenticate
- Read only or read write access
- Added bulk data collection mechanism



SNMPv3

- SNMP view
 - Allows access to only certain MIBs
- Encrypts communication
- Authenticates devices
 - Provides different levels of security

Summary



Simple Network Management Protocol

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