

Physical Hardening

- **SNMP (Simple Network Management Protocol)** is a protocol used for managing and monitoring network devices. It allows network administrators to gather information and control devices such as routers, switches, and servers. SNMP operates on a manager-agent model, where managers collect data from agents installed on network devices.
- **SNMPv3** is an enhanced version of SNMP that focuses on improving security. It introduces features like user authentication, access control, data encryption, and integrity protection to ensure the confidentiality and integrity of network management communications. These improvements make SNMPv3 a more secure choice for managing modern network environments.

Bastion

- A **bastion host** is a heavily secured server designed to deflect attacks, serving as a primary defense point on a network by controlling access between external and internal networks. It acts as a gatekeeper, allowing only authorized traffic to pass through to the internal network.

