

Network Security

As soon as more than one person can access a network, **security** becomes an issue that needs to be addressed

Data could be accessed, changed or deleted

Network Security

Security consists of the processes, practices and technologies designed to protect networks from attack, damage, or unauthorised access

(Unit 6 definition)

Network Security

Security threats include:

- networks could be infected with viruses or malware
- data could be accessed, changed or deleted
- networks could be flooded with traffic, reducing connection speeds
- networks could be physically damaged
- unauthorised users could access the network

Network Security

Four methods of dealing with security:

1. Authentication
2. Encryption
3. Firewall
4. MAC address filtering