# Workshop 1 - Network Security Fundamentals

Multifactor Authentication Would become mandatory.

Core book is recommended, some questions are from the book so reading the core book will help you out on scoring better points.

1. Apply communication
2. NDG Linux
3. NDG Linux Essential

The Attack Type(s)

# Assessment 1

The WannaCry Cyberattack target windows-based computer and is considered a ransomware crypto worm or crypto- ransomware type. This class of attack encrypts data using a pair of keys both private and public with the aim of blocking the access to computers unless a ransom is paid to the hackers. An unadapted windows version called EternalBlue was exploited and used to spread the ransomware attack within the systems.

Vulnerability: The server Message Block protocol (SMB)

Vector: Attack vector eternal blue.

Impact: Disruption of the services, Reputational, temporary data lost (time) political.

How the system was infected? 🡪 Through the firewall.

Back up methods cost and benefits.

Type back-up

Hard-drive back-up

Events can cause damages,

Redundancy is used to mitigate risks, whereas disaster recovery mitigate disaster that can’t be prevented.