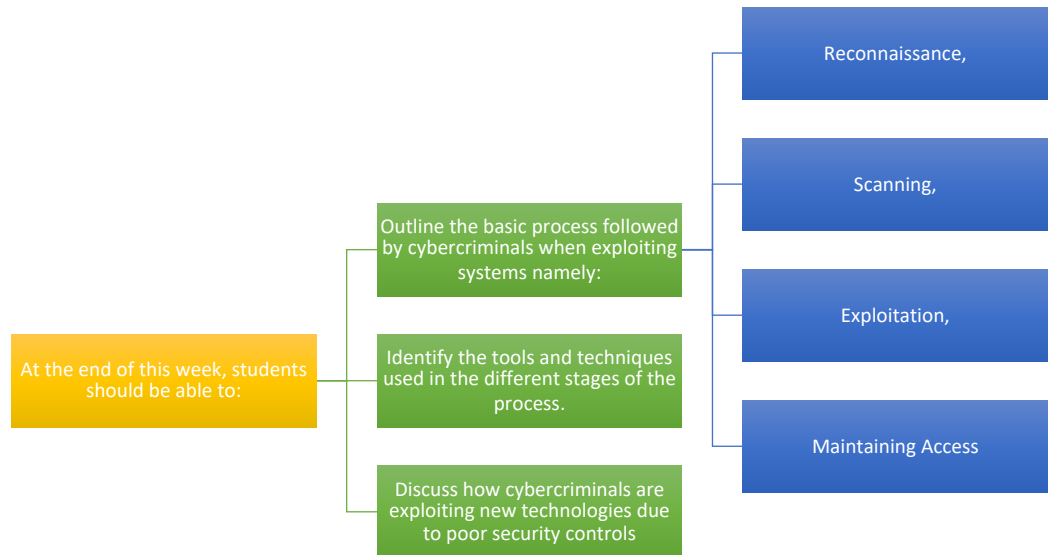# "Hacking Methodology"

At the end of this week, students should be able to:

Outline the basic process followed by cybercriminals when exploiting systems namely:

Identify the tools and techniques used in the different stages of the process.

Discuss how cybercriminals are exploiting new technologies due to poor security controls

Reconnaissance,

Scanning,

Exploitation,

Maintaining Access

"Hacking Methodology"

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"TYPES OF HACKERS"

black hat hacker.	white hat hacker	Black hat hackers
White hat Hackers.	Gray hat hackers	Script kiddie
	Hacktivists	

Hacking methodology

- **Foot printing – Scanning**
- **Enumeration**
- **System hacking**
- **Escalation of privilege**
- **Covering tracks**
- **Planting backdoors**

Hacking Methodology

Following Methodology is adapted by White Hat hackers for Ethical Hacking:

Hacking Methodology

Wi-Fi Discovery

Wi-Fi discovery is a process used to learn about WLAN's presence in the environment. WiFi discovery process is not against any law, since you are not acting offensively at any point, you are simply, passively listening to the Wi-Fi frequency bands, using your wireless client.
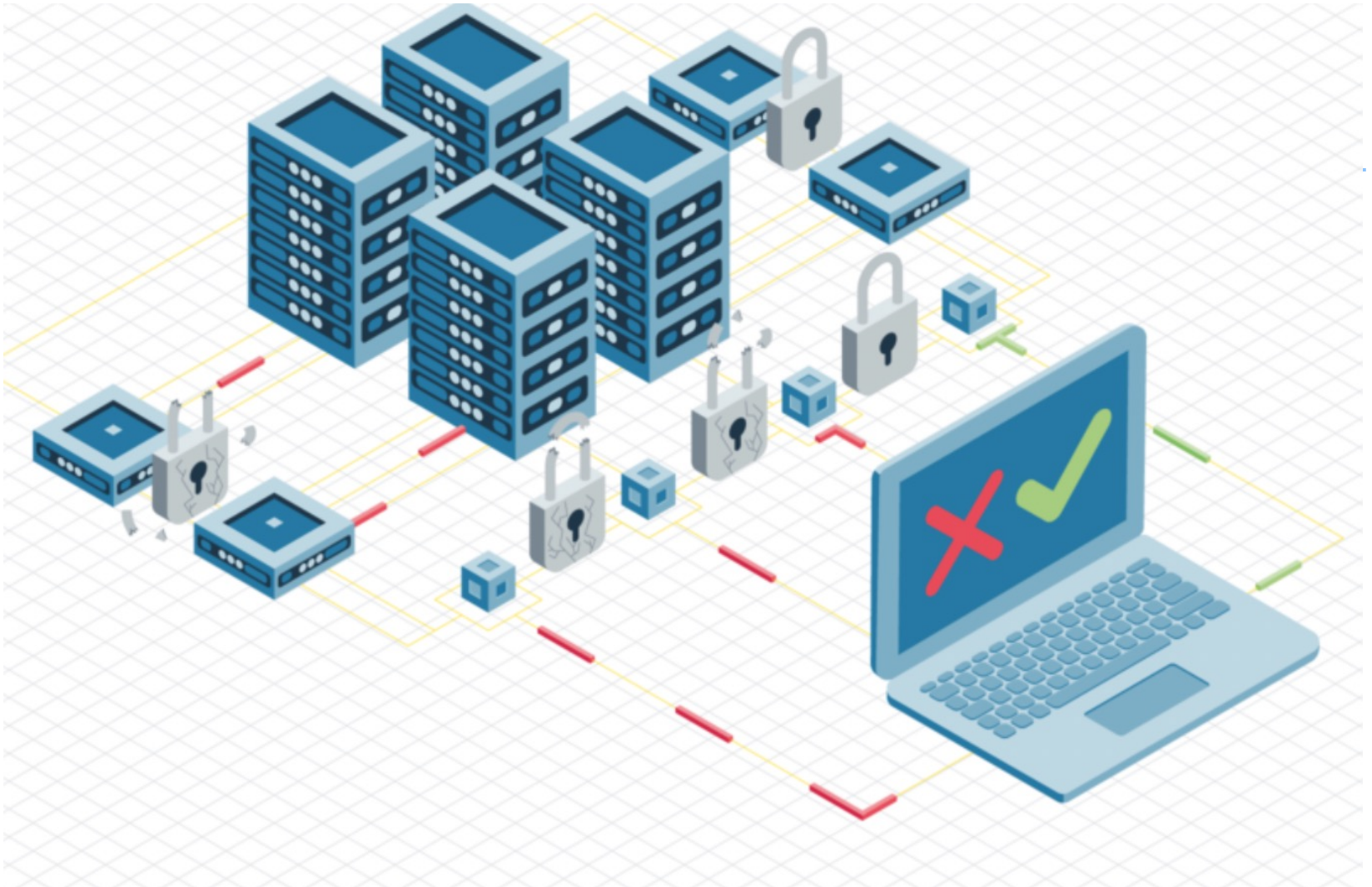
Wireless Security - Hacking Tools

Xirrus Wi-Fi Inspector

Wardriving

GPS Mapping (http://wigle.net)

Ethical Hacking

Five Steps of Ethical Hacking

Reconnaissance

Scanning

Gaining Access

Maintaining Access

Clearing Tracks