

WELCOME

Ethical Hacking Webinar

Topic: How Actually hacking works

Who am i

I'm C Vishwanath [Certified Ethical Hacker]
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Topics Cover in Session

Basics of Hacking

Foot printing

Scanning

Metasploit to Hack System

Bypass Authentication of Web-App

What Is Hacking

- **The Process of attempting to gain successfully, unauthorized access to computer resources for the purpose of help or secure system is called Hacking.**

How The Bad Guys Attack



Hacker v/s Ethical Hacker

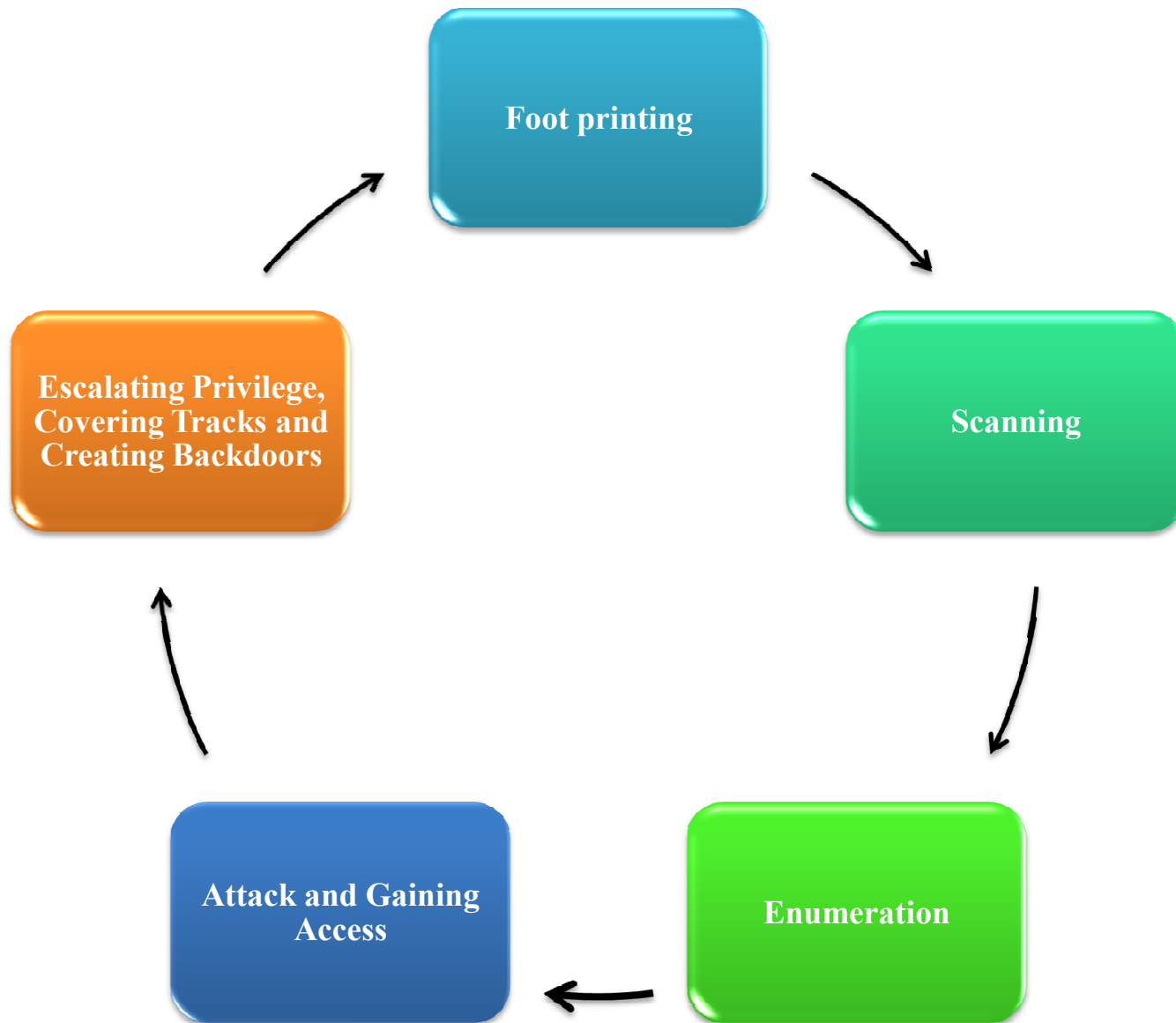
➤ Hacker:

- Access computer system or network without authorization
- Breaks the law

➤ Ethical Hacker:

- Performs most of the same activities but with owner's permission
- Employed by companies to perform Penetration Tests

Hacking Process



Foot Printing

- Foot Printing is a process of collecting as much information as possible about target, for identifying various ways to intrude in to organization network system
- Attackers gather publicly available sensitive information
- **Sources:**
 - Whois.domain
 - Netcraft
 - Google hacking (sensitive Information Gathering)
 - OSIntframework

Scanning

- Network Scanning refers to set of procedures for identifying hosts, ports, and service in network
- **Objectives of Scanning:**
 - To Discover live hosts, ipaddress, & openports
 - Discover operating system and system Architecture
 - Services running on host

Source :

- Nmap Tool
- Shodan.io

Practical on Live Hacking

➤ **Metasploit**

➤ **Bypass Authentication (or) Blind Sql injection**

Q&A

