

# Infrastructure Hacking



This is our entry-level infrastructure security testing class and also a recommended pre-requisite class before enrolling for our "Advanced Infrastructure Hacking" class. This foundation class familiarises the attendees with the basics of network hacking. A number of tools and techniques, backed up by a systematic approach on the various phases of hacking will be discussed during this 3-day class. If you would like to step into a career of Ethical Hacking / Penetration Testing with the right amount of knowledge, this is the right class for you.

This class introduces the attendees with a wealth of hacking tools and techniques crucial in getting started in this dynamic field of hacking. The class begins with laying a foundation for everyone by discussing the basic concepts and gradually builds up to the level where attendees not only use the tools and techniques to hack various components involved in infrastructure hacking, but also walk away with a solid understanding of the concepts on how these tools work and therefore ready to face the real world.

## Class Outline

### DAY 1

#### Infrastructure Basics:

- TCP/IP Basics
- The Art of Port Scanning
- Target Enumeration
- Brute-Forcing
- Metasploit Basics
- Password Cracking

### DAY 2

#### Hacking Unix, Databases and Applications:

- Hacking Recent Unix Vulnerabilities
- Hacking Databases
- Hacking Application Servers
- Hacking Third Party Applications (WordPress, Joomla, Drupal)

### DAY 3

#### Hacking Windows:

- Windows Enumeration
- Hacking Recent Windows Vulnerabilities.
- Hacking Third Party Software (Browser, PDF, Java)
- Post Exploitation: Dumping Secrets
- Hacking Windows Domains

## Who Should Attend

One of the most important questions, who can take this class? As we have already described that this is an entry level class and can be attended by:

- Security enthusiasts
- Anybody who wishes to make a career in this domain and have some knowledge of network and applications
- System Administrators
- SOC Analysts
- Network Engineers
- Penetration Testers who are wanting to level up their skills

## Prerequisites

The only requirement for this class is that you bring your laptop with an admin/root access. VPN access to our state-of-the-art hacklab, which is hosted in our data centre in the UK where required tools/virtual machines (VMs) will be found, will be provided during the class. We also provide a dedicated Kali VM to each attendee on the hacklab, so you don't need to bring any VMs with you, all you need is to install the VPN client and you are good to go!

For more information contact  
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