



Workshop 3

Introduction to Linux Privileges

What will we cover today?



Recap of some Linux basics.



Intro to SSH



A general overview of the 'whats', 'whys' and 'hows' of linux privileges



Some practical examples of Linux misconfiguration and exploitation



Advanced SSH-fu

Linux Basics



NAVIGATING A
TERMINAL

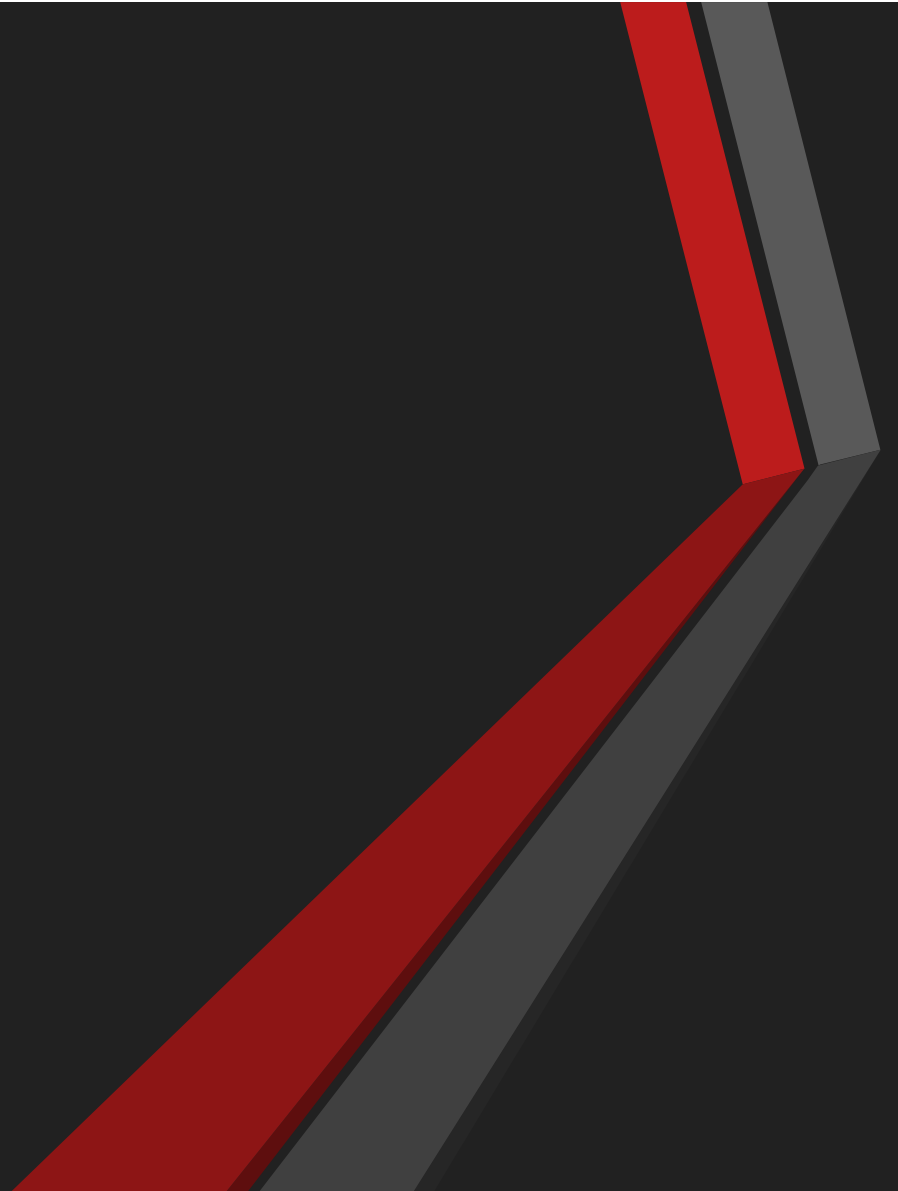


UNDERSTANDING HOW
TO CONFIGURE A LINUX
SYSTEM SECURELY



LEARNING HOW TO
ABUSE A POORLY
CONFIGURED SYSTEM

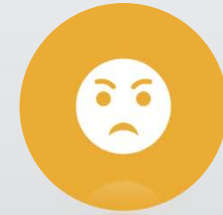
overthewire.org – Leviathan Demo



Privilege Escalation



WHAT?



WHY?



HOW?

sudo

- Super-User do (Substitute-User do)
- Enables a regular user to execute commands as root or any other user
- Rules are specified in the sudoers file
- Problems?

Problems?

We need to be very careful
about how we write a sudo rules

Slight misconfigurations and
oversights can allow regular
users to execute anything as
root

They own the system!

Examples

- We can run the command "sudo -l" to check our sudo privs on a machine
- Demo