

# Linux File Operations and CLI

Shyam Saini aka mysticTot

Amity School of Engineering and Technology – (ASET)  
Department of Computer Science  
Amity University

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# Agenda

## Linux File Operations

- Files Types in Linux

- File Operations

- File Permissions

## OFF Topic!

- A Cool Tool to make everyone happy!



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- ▶ **Directory files(d)**
- ▶ **Special files**
  - ▶ **Block file(b)**: eg: /dev/sda\*, /dev/sdb\* files



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  - ▶ **Socket file(s)**: eg: /var/run/cups/cups.sock



everything is a **file\***

We will focus on Regular files and  
Directory files



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- ▶ **ls**: list files in directory
- ▶ **pwd**: print name of current/working directory



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analogous to `exec` command

**directly boot into a new kernel**



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- ▶ **kexec -l**: Load the specified kernel into the current kernel



# Kexec

analogous to `exec` command

## directly boot into a new kernel

- ▶ **kexec -l**: Load the specified kernel into the current kernel
- ▶ **kexec -e**: Run the currently loaded kernel



It seems my system is freezed, But  
Wait!







**Aha!, we have booted into new kernel on the fly**



Thats all!

Thank You and Happy  
Hacking!

