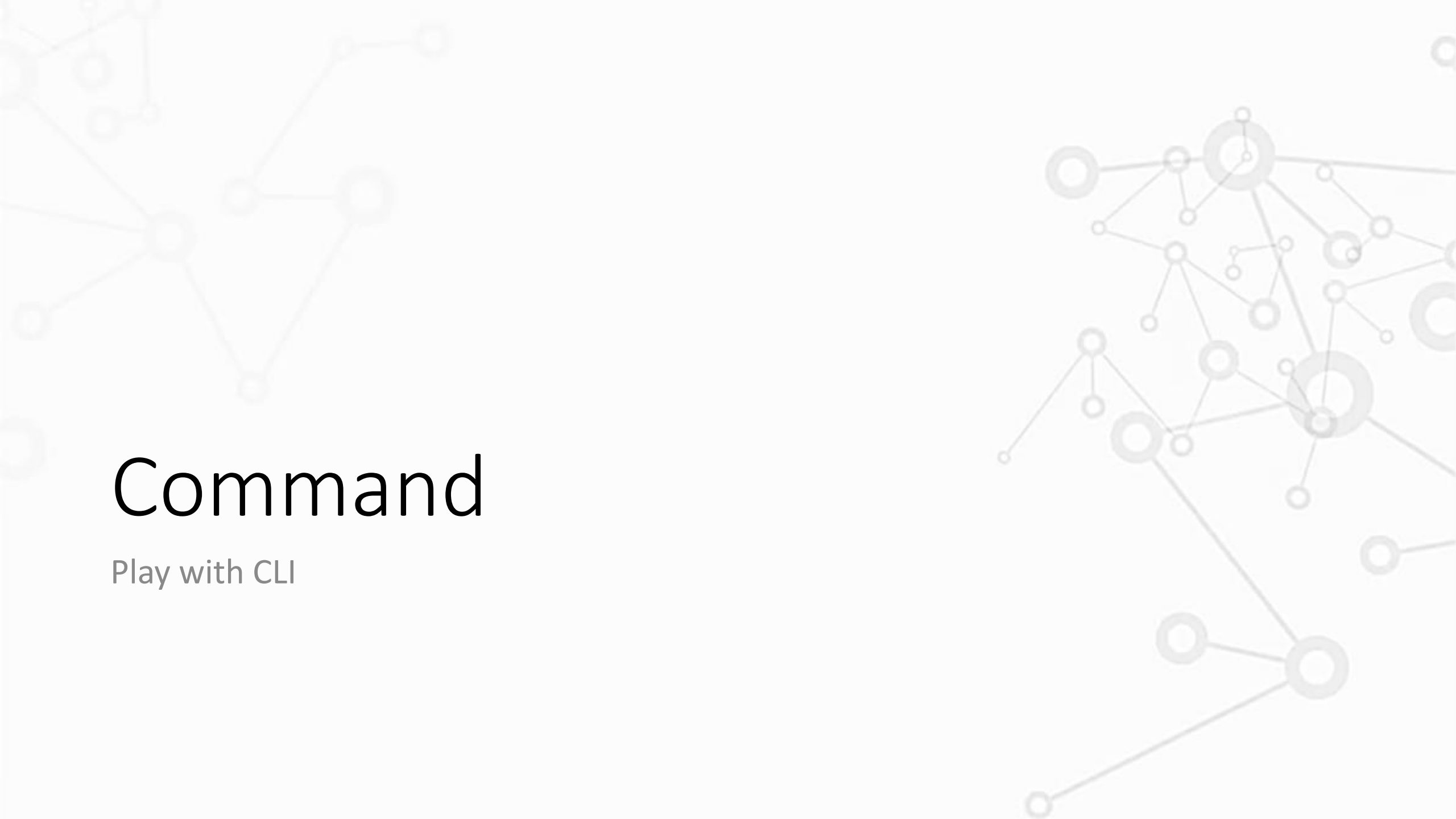


LINUX SERVER

Fundamentals | Administration | Web Server

Day 2 & 3

By Dr Nizam

The background of the slide features a light gray abstract network diagram. It consists of numerous circular nodes of varying sizes, some of which are highlighted with a thicker border. These nodes are interconnected by thin, light gray lines, creating a complex web-like structure that spans the entire width of the slide. The overall aesthetic is clean and modern, typical of a technical or digital presentation.

Command

Play with CLI

Lets Start Command!

1. Basic; whoami, hostname, date, free, etc...

2. Intermediate:

Hardware Info

1. lshw short
2. lscpu
3. free -h
4. df -h
5. lsblk

OS & Kernel Info

1. lsb_release -a
2. hostnamectl
3. uname -a
4. uname -r

System Status

1. uptime
2. top
3. htop

Network Info

1. ip addr
2. ss -tuln

How to update, upgrade, & install

1. sudo apt update
2. sudo apt upgrade
3. sudo apt install neofetch
4. neofetch

~~~ later we will install more things

# Lets Start Command!

## 3. Make dir, make file, edit file (nano), view file (cat)...

1. `mk dir`
2. `touch hello.txt`
3. `nano hello.txt`
4. `cat hello.txt`

## 4. Copy file, move file, delete file

1. `cp hello.txt newhello.txt`
2. `cp newhello.txt subfold/`
3. `cp hello.txt subfold/hello2.txt`
4. `cp /root/mynewfold/hello.txt /root/newfold2/`
5. `cp /root/mynewfold/hello.txt /root/newfold2/hello2.txt`
6. `mv newhello.txt latesthello.txt`
7. `mv latesthello.txt subfold/`
8. `mv /root/mynewfold/hello3.txt /root/newfold2/`
9. `rm /root/mynewfold/subfold/latesthello.txt`
10. `rm -r subfold`

# Lets Start Command!

5. Transfer file → powershell

1. `scp -r \Users\User\Desktop\index1.php root@206.189.80.102:/var/www/html`

6. View ~# ls

7. Find ~#

1. `find . -name hello.txt`

2. `find . \! -name hell`

A faint, light gray background graphic consisting of a network of interconnected nodes and lines. The nodes are represented by circles of varying sizes, some of which are highlighted with a thicker border. The lines connect these nodes in a complex, web-like pattern, suggesting a network or data structure. The overall aesthetic is clean and modern, typical of a technical presentation.

# Web Services

Web Server | PHP | Database (MySQL)