Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

NETWORKING

Linux

SAMPLE PROJECT

Linux Service Runbook



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

+91 70146 92039

Linux

Core concepts



01	Shell navigation, files and text processing
02	Users, groups, permissions and ownership
03	Processes, services, packages and systemd

Draw the topology

Label each device, connection and access boundary in a simulation.

Linux

Applied skills

- Clients
- Connectivity
- Services



04 Storage, networking and SSH administration basics

05 Shell scripting, scheduling and backups

06 Logs, troubleshooting and system health checks

PROJECT DELIVERABLES

A topology, addressing plan and results from representative diagnostic checks.

Linux

Portfolio project

Linux Service Runbook

Configure a practice service, apply permissions and document how to check status, logs and backups.



Draw the topology

Label each device, connection and access boundary in a simulation.

Check connectivity

Record expected traffic paths and confirm results in the simulator.

A topology, addressing plan and results from representative diagnostic checks.

Linux

Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

+91 70146 92039

info@jaipurengineers.com

122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

Linux

Course content

MODULES 01–02

01

Lessons & practice

- Shell navigation
- Files
- Text processing

HANDS-ON — Find, filter and organise sample files using shell and text tools.

02

Lessons & practice

- Users
- Groups
- Permissions
- Ownership

HANDS-ON — Create users and groups in a practice machine and check permissions on shared files.

Linux

Course content

MODULES 03–04

03

Lessons & practice

- Processes
- Services
- Packages
- Systemd

HANDS-ON — Install and inspect a sample service with package tools and systemd.

04

Lessons & practice

- Storage
- Networking
- SSH administration basics

HANDS-ON — Review storage, network and secure administrative access in a test setup.

Linux

Course content

MODULES 05–06

05

Lessons & practice

- Shell scripting
- Scheduling
- Backups

HANDS-ON Write a scheduled backup script and test recovery of a sample file.

06

Lessons & practice

- Logs
- Troubleshooting
- System health checks

HANDS-ON Use service logs and health checks to explain why a practice process failed.