

# LINUX (Red hat)

**Duration**  
**2 months**

**Celebrating 15 years of glorious success  
and transforming futures!**



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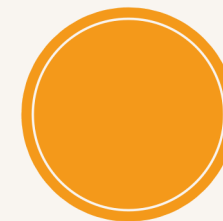
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# About Infocampus

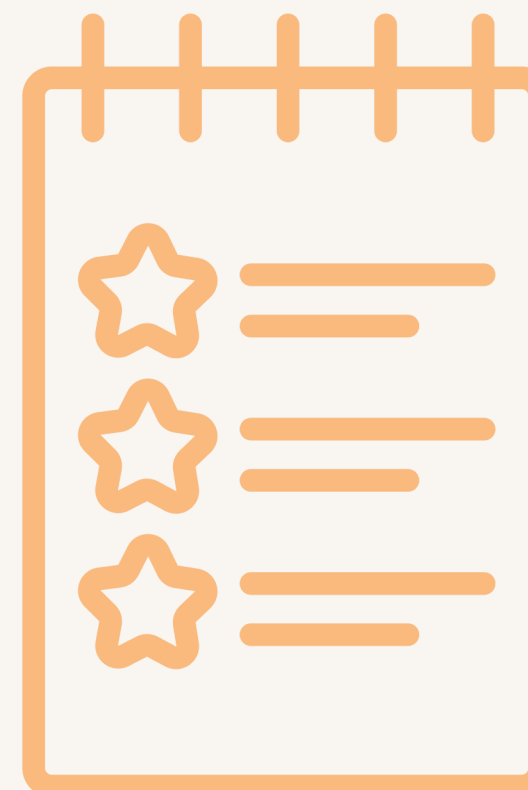
Infocampus is a community of learners, educators, and industry professionals dedicated to creating a supportive and dynamic learning environment. Since 2009, we have specialized in IT and networking courses for both beginners and professionals, bridging the gap between theory and practice. Our mission is to prepare students for the evolving tech industry, making us a trusted choice for career advancement in technology.





# Key Features

- Hands on training for real world application
- Highly experienced and skilled faculties
- State-of-the-Art Infrastructure
- Course completion certificate
- Job Assistance



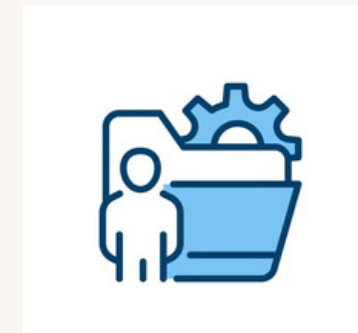
# OUR VISION



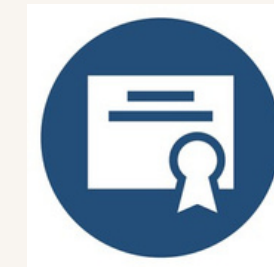
**Assessments**



**Projects**



**Certification**



**Placement**



# *LINUX (Red hat)*



This introductory course on Linux (Red Hat) is designed to equip learners with the fundamental knowledge and practical skills required to manage and operate Red Hat Enterprise Linux (RHEL) systems. Participants will gain a solid understanding of the Linux operating system, including its history, components, and architecture. The course covers essential topics such as navigating the command-line interface (CLI), managing files and directories, configuring user permissions, and administering processes and services. Additionally, learners will explore network and storage management, system security, and SELinux configuration. Ideal for IT professionals, system administrators, and developers, this course provides the foundational expertise needed to proficiently handle Red Hat Linux environments.

# Course Curriculum



## System Administration I

- Get started with Linux
- Access the command line
- Manage files from the command line
- Get help in Linux
- Create, view, and edit text files
- Manage local users and groups
- Control access to files
- Monitor and manage Linux processes
- Networking
- Archive and transfer files
- Install and update software



- Access Linux file systems
- Analyze servers and get support

## System Administration II

- Schedule future tasks
- Manage SELinux security
- Control access to files with ACLs
- Maintain basic storage
- Manage logical volumes
- Access network-attached storage
- Control the boot process
- Install Red Hat Enterprise Linux



# System Administration III



- Introduce Ansible
- Deploy Ansible
- Implement playbooks
- Manage variables and facts
- Deploy files to managed hosts
- Manage large projects
- Simplify playbooks with roles
- Troubleshoot Ansible
- Automate Linux administration tasks

## Managing RAID, LVM

LVM - Concepts, Merits & Demerits, Creating, Resizing & Deleting LVM, Different levels of RAID, Software RAID - setup and management

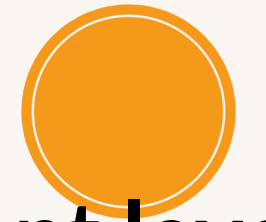
## Database Management in Linux

Database concepts, SQL basic queries, MySQL and MariaDB databases

## Domain Name System in Linux

DNS Concepts, Zone files, Master and Slave Configurations, Troubleshooting

## Bash Shell Scripting





**Extra projects**

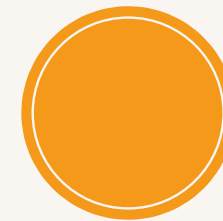
**Monitoring Tools**

**E-mail server and clients implementation**

**Backup Server setup**

**Ticketing tools**

**Storage Server projects Web server Live Projects**



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