

Red Hat Linux Course Details

By [Besant Technologies](#)

Course Name	Red Hat Linux (RHCE)
Category	Operating System
Venue	Besant Technologies
Address	No.24, Nagendra Nagar, Velachery Main Road, Velachery, Chennai – 600 042 Landmark – Opposite to Phoenix Market City
Official URL	Red Hat Linux Training
Demo Classes	At Your Convenience
Training Methodology	30% Theory & 70% Practical
Course Duration	35-40 Hours
Class Availability	Weekdays & Weekends
For Demo Class	Call - +91-996 252 8293 / 94 Email ID – besanttech@gmail.com

Why Besant Technologies?

- Training by highly experienced and certified professionals
- No slideshow (PPT) training, fully Hand-on training
- Interactive session with interview QA's
- Real-time projects scenarios & Certification Help
- Most competitive & affordable course fees
- Placement support for all courses
- List of established & satisfied clients & students ([Visit our website for reviews](#)).

Red Hat Linux Training Outline

Introduction to Red Hat Enterprise Linux

- GNU
- Linux
- RHEL

Introduction to GNU/Linux

- GNU Tools and Utilities
- Linux Kernels
- GNU/Linux Distributions

Installing Red Hat Enterprise Linux

- Installation Options
- Server Install
- Workstation Install
- CD Install
- Kickstart Install
- Network Install
- Customizing the Install

Booting Red Hat Enterprise Linux

- Firmware Phase
- Boot Loader Phase
- Kernel Phase
- Kernel Boot Parameters
- init Phase

Automating Programs

- Run Levels
- /etc/rc.d Files
- Customization of Run Levels
- cron and anacron
- at and batch

Login Options

- Console Logon

- Controlling Console Login
- Virtual Consoles
- Serial Login
- Remote Login
- ssh Login

Building a Custom Linux Kernel

- Kernel Versions
- Kernel Source Files
- Kernel Patch Files
- Kernel Configuration
- Kernel Building
- Testing a New Kernel

The GNU/Linux Filesystem

- Partition Types
- Filesystem Types
- Mounting
- Automount
- File Types
- File Security

Key Filesystem Locations

- Boot Files
- User Files
- Administrator Files
- Configuration Files
- Log Files

The /proc Pseudo Filesystem

- Process Info
- Kernel Config Info
- Hardware Info
- Changing /proc Info
- Sysctl

BASH – Borne Again Shell

- Key /bin Commands
- Key /sbin Commands
- History
- man and info
- vi
- Using Shell Scripts

User Management

- Users and Groups
- Home Directories
- Password Files
- PAM
- Quotas
- NIS Intro

Software Management

- tar Files
- Patch Files
- RPM

Hardware Management

- Types of Devices
- /dev Namespace
- Modules

Network Management

- Types of Network Devices
- Monitoring Network Devices
- Controlling Network Services
- xinted
- iptables

Network Services – Part I

- DHCP
- DNS
- SSH

Network Services – Part II

- FTP
- NFS
- Samba

Network Services – Part III

- Sendmail
- Apache
- Squid Proxy Server

The X Window System

- X Servers and X Clients
- XFree86
- X Fonts
- GTK and KDE

Exam Practice

Installation Challenges

Configuration Challenges

Troubleshooting Challenges

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