



SPYPRO SECURITY SOLUTIONS Pvt. Ltd.,

C Y B E R S E C U R I T Y

5-Days Workshop RED HAT LINUX ADMINISTRATIONS

Join us for a comprehensive 5-day workshop on Red Hat technologies, designed to equip participants with the knowledge and skills needed to become proficient in Linux administration and open-source solutions. This workshop is ideal for IT professionals, system administrators, and anyone interested in expanding their expertise in Red Hat and Linux

Topics to be covered in RED HAT LINUX ADMINISTRATIONS

Day 1: Introduction to Red Hat and Linux Fundamentals

- Introduction to Red Hat and its products
- Understanding the Linux operating system
- Command-line basics and shell scripting
- File system navigation and manipulation
- User and group management
- Permissions and access control

Day 2: Red Hat Enterprise Linux Administration

- Red Hat Enterprise Linux installation and configuration
- Package management with YUM
- Managing services and processes
- System performance monitoring and tuning
- Networking fundamentals and configuration
- Introduction to firewalls and security

Day 3: Red Hat System Administration

- Managing storage with LVM (Logical Volume Manager)
- Filesystem administration and disk quotas
- Backup and recovery strategies
- Managing user authentication with LDAP

- Configuring network services (DNS, DHCP, NFS, etc.)
- Introduction to virtualization with KVM

Day 4: Red Hat Network Services

- Configuring Apache HTTP Server
- Introduction to load balancing and reverse proxies
- Managing secure remote access with OpenSSH
- Implementing secure file transfer with SFTP
- Setting up a mail server with Postfix and Dovecot
- Monitoring and logging with syslog

Day 5: Red Hat Security and Automation

- Introduction to SELinux (Security-Enhanced Linux)
- Implementing secure network communication with IPsec
- Introduction to Docker and containerization
- Introduction to Ansible for configuration management
- Automating tasks with Bash scripting
- Red Hat certifications and career path

Duration: The duration of this workshop will be three consecutive days, with 6 hour session each day in a total of 30 hours properly divided into theory and hands on practicals sessions.

Certification Policy:

- Certificate of Merit for all the workshop participants from SmartBridge.
- At the end of this workshop, a small competition will be organized among the participating students and winners will be awarded with a '**Certificate of Excellence**'.
- Certificate of Coordination for the coordinators of the campus workshops
- **Internship and placement also provide for selected student..**

Eligibility: It's a basic level workshop so there are no prerequisites. Anyone interested, can join this workshop.

Pre-Requisites:

- Seminar hall/classroom having sitting capacity of 200 students for conducting hands on session for all the participants.
- Good Quality public address system ideally one/two cordless mikes will be required.
- Projector/ Screen along with black/white board for teaching and presentation purposes.
- One small stereo jack cord to connect in laptop for its sound system.
- Laptop/Computer per two students is necessary.
-

Fee: Rs. 600/- (inclusive of all Taxes) per participant.

--

Cyber Security | Ethical Hacking | Cyber Forensics | Projects & Training

<https://spyprosecuritysolutions.com/>

EMAIL: info@spyprosecuritysolutions.com

PHONE: +918182881234

PHONE: +918182891234

LAND LINE NUMBER:0866-4617587

Address:40-1-149, Opp: Hotel.Kandhari Siddharth women's college road, Labbipet, Vijayawada-520010