

# Pragathi Technologies

IT starts here

RH253

## Unit 1: System Performance and Security

- Identify how concepts and well formed policy map to configuration and accountability in networking and security administration.

## Unit 2: System Service Access Controls

- Implement secure access to system and network services using host-based access, SELinux, and system services management.

## Unit 3: Securing Data

- Secure data using fundamental encryption protocols, Public Key Infrastructure, and Digital Certificates.
- Configure and utilize encrypted remote system administration tools.

## Unit 4: Network Resource Access Controls

- Secure access to systems and services using the NetFilter kernel-level firewall.

## Unit 5: Organizing Networked Systems

- Understand and implement organized networked systems using the DNS and DHCP services.

## Unit 6: Network File Sharing Services

- Configure, control and secure access to FTP, NFS, and SMB/CIFS (Samba).

## Unit 7: Web Services

- Configure, implement and secure access to the Apache Web Server and Squid Proxy Cache.

## Unit 8: Electronic Mail Services

- Configure, implement and secure access to the Sendmail and Postfix SMTP servers.

## Unit 9: Account Management

- Understand account management using Name Switch Service and Pluggable Authentication Modules.