

نام دوره: Linux Advanced Administration LPIC2

LPIC 2 Syllabus:

200: Capacity Planning

200.1 Measure and Troubleshoot Resource Usage

200.2 Predict Future Resource Needs

201: Linux Kernel

201.1 Kernel Components

201.2 Compiling a kernel

201.3 Kernel runtime management and troubleshooting

202: System Startup

202.1 Customizing SysV-init system startup

202.2 System Recovery

202.3 Alternate Bootloaders

203: Filesystem and Devices

203.1 Operating the Linux filesystem

203.2 Maintaining a Linux filesystem

203.3 Creating and configuring filesystem options

204: Advanced Storage Device Administration

204.1 Configuring RAID

204.2 Adjusting Storage Device Access

204.3 Logical Volume Manager

205: Networking Configuration

205.1 Basic networking configuration

205.2 Advanced Network Configuration and Troubleshooting

205.3 Troubleshooting Network Issues

206: System Maintenance

206.1 Make and install programs from source

206.2 Backup operations

206.3 Notify users on system-related issues

207: Domain Name Server

207.1 Basic DNS server configuration

207.2 Create and maintain DNS zones

207.3 Securing a DNS server

208: Web Services

208.1 Implementing a web server

208.2 Apache configuration for HTTPS

208.3 Implementing a proxy server

208.4 Implementing Nginx as a web server and a reverse proxy

209: File Sharing

209.1 SAMBA Server Configuration

209.2 NFS Server Configuration

210: Network Client Management

210.1 DHCP configuration

210.2 PAM authentication

210.3 LDAP client usage

210.4 Configuring an OpenLDAP server

211: E-Mail Services

211.1 Using e-mail servers

211.2 Managing Local E-Mail Delivery

211.3 Managing Remote E-Mail Delivery

212: System Security

212.1 Configuring a router

212.2 Securing FTP servers

212.3 Secure shell (SSH)

212.4 Security tasks

212.5 OpenVPN