



Weekly Plan

Hardware and Network Administrator

Hardware and Network Administrator



- 1 Introduction to basic of Computers
- 2 Learn how to work with Computers
- 3 Learn to work in a Corporate environment
- 4 Learn how to use Microsoft



Week 1

Hardware and Network Administrator



- 1 Introduction to Cybersecurity
- 2 Secure Usage of System/Gadgets/ Devices
- 3 Cyber Secure yourself while using internet & Social Media Platform

Hardware and Network Administrator



- 1 Introduction to Computer Hardware and Its Parts
- 2 Explain the importance of motherboard components, their purpose and properties
- 3 Compare and contrast various RAM types and their features.
- 4 Install and configure storage devices and use appropriate media.



Hardware and Network Administrator



- 1** Install various types of CPUs and apply the appropriate cooling methods.
- 2** Compare and contrast various PC connection interfaces, their characteristics and purpose.
- 3** Install a power supply based on given specifications.
- 4** Identify common PC connector types and associated cables.

Hardware and Network Administrator



Practical exam based on
four week learning



Exam

Hardware and Network Administrator



- 1 Given a scenario, troubleshoot common problems related to motherboard, RAM, CPU and power with appropriate tools.
- 2 OS Clean Formating, Installing and Data backup

Hardware and Network Administrator



- 1 Introduction to Computer Network
- 2 Explain the purposes and uses of ports and protocols
- 3 Explain OSI Model
- 4 Explain the concepts and characteristics of routing and switching.



Hardware and Network Administrator



- 1 Explain TCP/IP Addressing and Topologies.
- 2 Explain wireless technologies and configurations.
- 3 Explain the functions of network services and Cabling
- 4 Explain Remote Protocol

Hardware and Network Administrator



- 1 Introduction to Linux Server Operating System
- 2 Installing and configuring Linux Operating System
- 3 Manage files from the command line
- 4 Manage local users and groups



Hardware and Network Administrator



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Exam

Hardware and Network Administrator



- 1 Control access to files and Monitor & manage Linux processes
- 2 Control services and daemons
- 3 Manage networking
- 4 Learn How to install, Update and Remove packages in Linux



Hardware and Network Administrator



- 1 Manage basic storage
- 2 Control access to files with ACLs
- 3 Schedule future tasks
- 4 Manage network security

Hardware and Network Administrator



- 1 Introduction to Cloud Computing
- 2 Explain Cloud Services
- 3 Explain Cloud Service providers platforms



Hardware and Network Administrator



**Practical exam based on
complete course learning**

Exam



Congratulations!

You have successfully completed this course!