

# Networking Basics

## DESCRIPTION:

This is an introductory training of basic networking. The training introduces participants to the networking concepts and administer and trouble shoot a network at an introductory level. Basic concepts, fundamentals and practices will be introduced to the learners in the trainings.

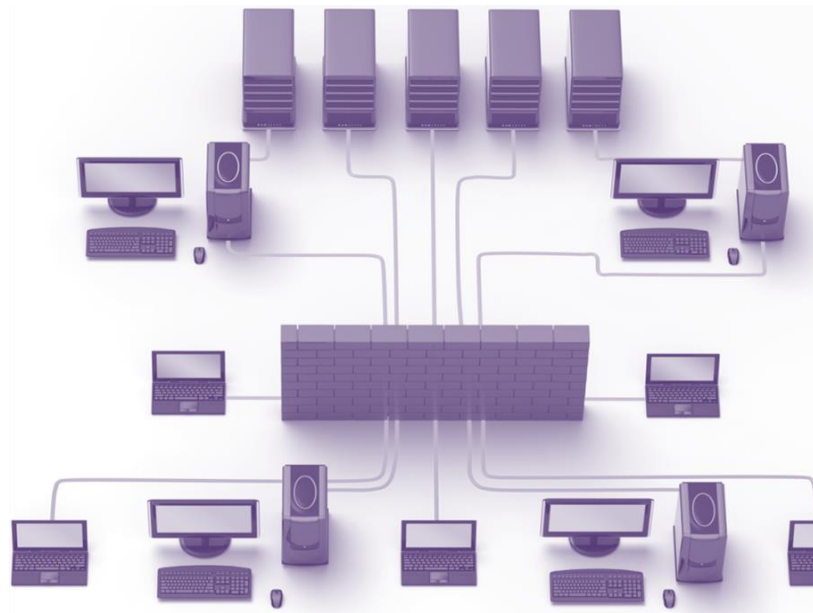
## OBJECTIVES:

Upon completion of this workshop, the participants will be able to:

- have a basic understanding of networking fundamentals
- installs wired and wireless networks
- cable LANs and WANs
- demonstrate understanding of TCP/IP protocol and IP addressing
- install and configure wired and wireless networks
- troubleshoot wired and wireless networks

## OUTLINE:

- Introduction to networking
- Networking fundamentals
- Networking media
- Cable testing, cabling LAN and WAN
- Ethernet fundamentals
- Ethernet switching
- TCP/IP protocol suite and IP addressing
- Installing and configuring wired and wireless networks
- troubleshooting wired and wireless networks



## TRAINING CODE:

NEBIT15

## DURATION:

15 hours

## MODE OF DELIVERY

- group discussions
- practical lab sessions
- tutorials
- self-assessing exercises

## DESIGNED FOR:

This training is designed for all staff who need knowledge of networks and networking

- Level 2
- Level 3

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