**Integrated Test Range**

**Defense Research and Development Organization**

**Chandipur, Odisha (756025)**

**A close up of a sign

Description automatically generated**

**Summer Training (2019-2020)**

**Brief Report on Orientation Program**

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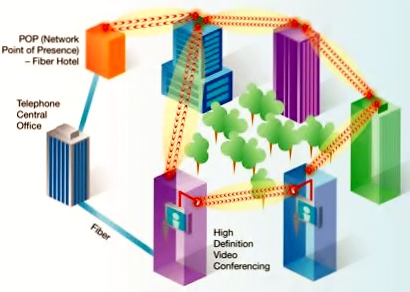
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Introduction

A campus area network also known as **campus network**, **corporate area network** or **CAN** is a computer network made up of an interconnection of local area networks within a limited geographical area. The networking equipment (switches and routers) and transmission media (optical fiber, cabling) are almost entirely owned by campus owner.

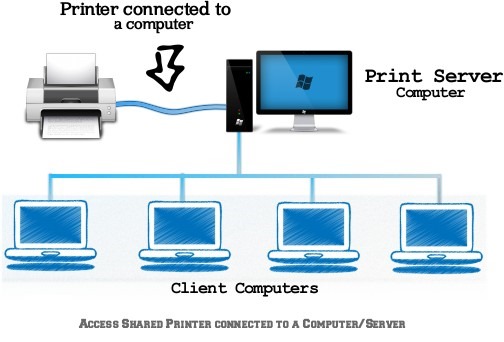
A campus area network is larger than a local area network but smaller than metropolitan area network or wide area network.



Resource Sharing

In networking, network share, is a computer resource made available from one host to other hosts on a network. Resource sharing involves sharing piece of information on a computer that can be remotely accessed from other computers either via local area network or intranet. Network sharing is made possible by inter-process communication over the network.

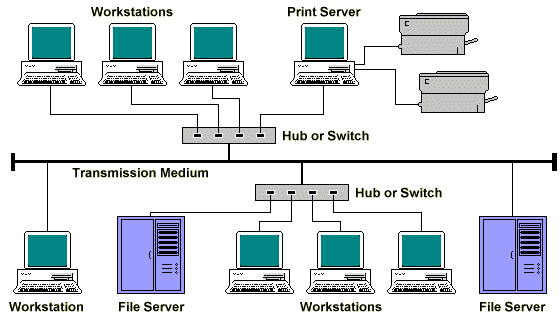
Examples- shared file, shared printer, shared scanner etc.



Types of network

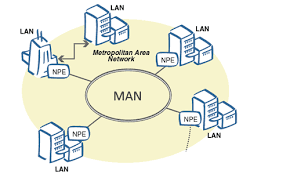
1. LAN

A local area network is a computer network that interconnects computers within a limited area such as residence, school, laboratory, university campus or office building. Its range up to 10 kilometers.

1. 
2. MAN

A metropolitan area network interconnects hosts with computer resources in geographic region of the size of a metropolitan area.

The term MAN is applied to the interconnection of LANs in a city into single larger network which may turn also offer efficient connection to wide area network. Its range up to 50 km.



1. WAN

A wide area network is telecommunications network that extends over a large geographical distance for the primary purpose of computer networking. Wide area network is often established with leased telecommunication circuits. Its range is unlimited.

