Create network setup and configuration
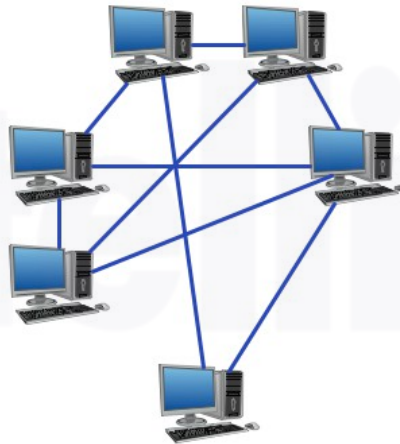
Agenda

- Network Topologies
- Simple Network Layout
- Setting Up a Multi Node Network
- Remote Login & File Transfer
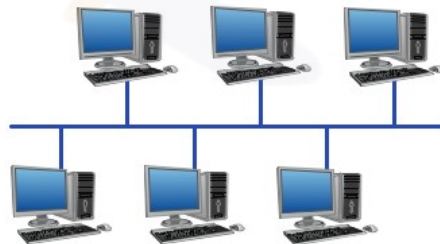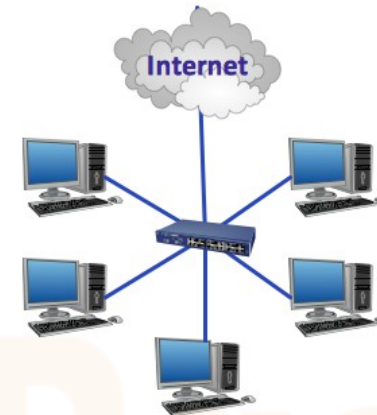
Network Topologies

Fully Connected Network Topology

Mesh Network Topology

Star Network Topology

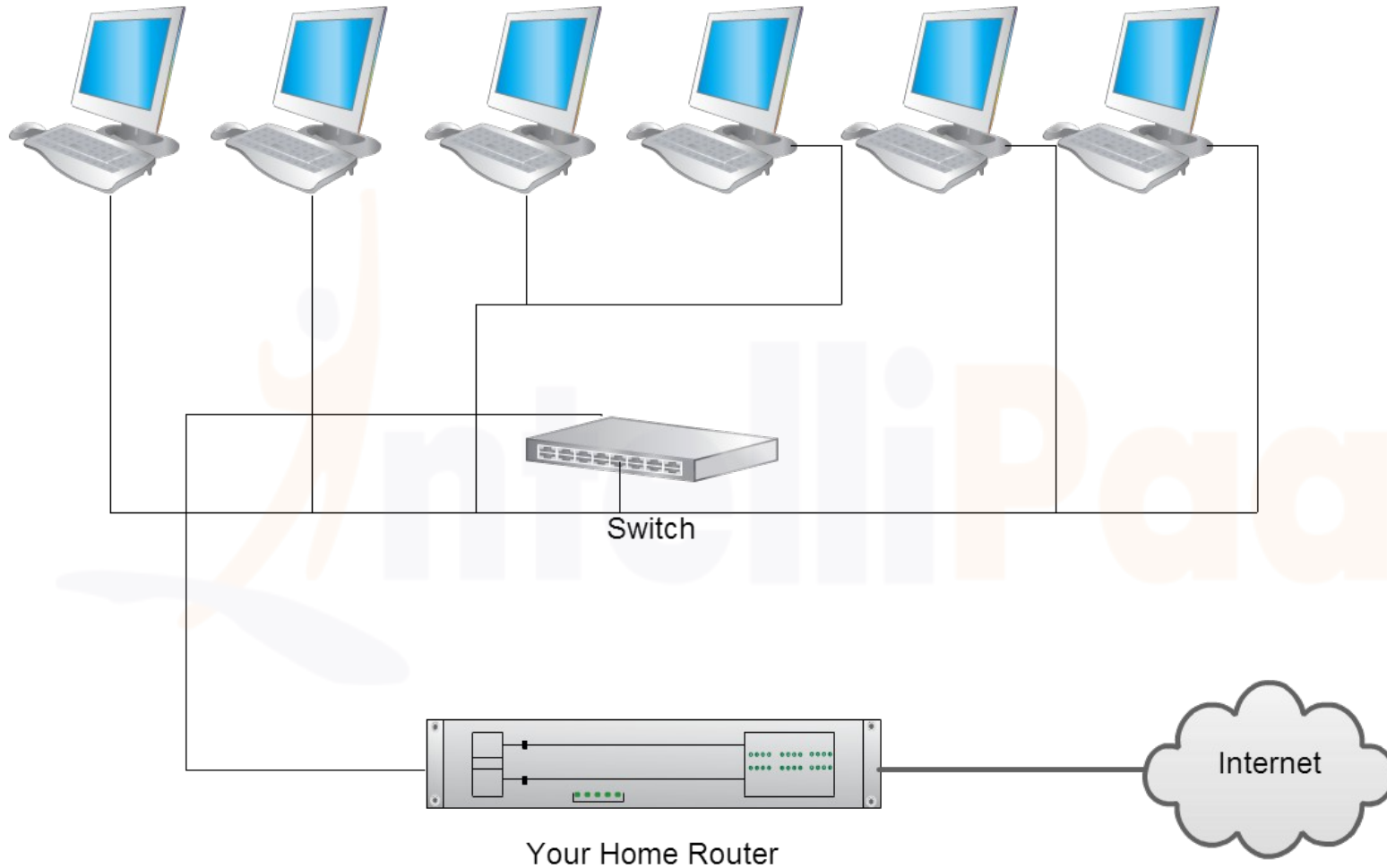Common Bus Topology

Internet

Ring

Ring Network Topology

Simple Network Layout

Switch

Your Home Router

Internet

Deploying a LAN

- To Deploy a 2 node LAN we will do the following:

1. Set IP addresses in the same network
2. Set DNS and Gateway
3. Run ping & trace route to check reach ability.

Remote Login & File Transfer

- Remote login in Linux
- SSH concepts
- Copying Files & Folders via **scp**
- Syncing Files & Folders via **rsync**

Thank You

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