Mindluster Platform

About the course Network troubleshooting Fundamentals

Network troubleshooting, in this course offers hands-on training in diagnosing connectivity problems, understanding network protocols, and utilizing diagnostic tools like ping, traceroute, and packet analyzers. Learn how to troubleshoot wired and wireless networks, address hardware and software conflicts, and optimize network performance. By exploring real-world scenarios, you'll gain expertise in resolving issues at various OSI model layers, including TCP/IP problems, DNS, and DHCP errors. Whether you're a beginner or a seasoned IT professional, this course equips you with the essential techniques to maintain smooth network operations and improve system reliability. Perfect for anyone aiming to excel in networking roles.

Computer Softwares Category's Courses

Course Lesson(48)

Lesson 1 : **Wireless Access Point vs Wi Fi Router**

Lesson 2 : **What is a Hotspot**

Lesson 3 : **PING Command Troubleshooting Networks**

Lesson 4 : **Motherboards Explained**

Lesson 5 : **Tri Band WiFi Router Explained**

Lesson 6 : **Incremental vs Differential Backup Full Explained**

Lesson 7 : **What is a Firewall**

Lesson 8 : **WiFi Wireless Password Security WEP WPA WPA2 WPA3 WPS Explained**

Lesson 9 : **DDNS Dynamic DNS Explained**

Lesson 10 : **Cable vs DSL vs Fiber Internet Explained**

Lesson 11 : **Ethernet Cables UTP vs STP Straight vs Crossover CAT 5 5e 6 7 8 Network Cables**

Lesson 12 : **RAID 5 vs RAID 6**

Lesson 13 : **Half Duplex vs Full Duplex**

Lesson 14 : **CSMA CD and CSMA CA Explained**

Lesson 15 : **SSL TLS HTTP HTTPS Explained**

Lesson 16 : **2 4 GHz vs 5 GHz WiFi What is the difference**

Lesson 17 : **Network Types LAN WAN PAN CAN MAN SAN WLAN**

Lesson 18 : **Network Topologies Star Bus Ring Mesh Ad hoc Infrastructure Wireless Mesh Topology**

Lesson 19 : **FTP File Transfer Protocol SFTP TFTP Explained**

Lesson 20 : **WiFi Range Extender WiFi Booster explained Which is the best**

Lesson 21 : **What is a DMZ Demilitarized Zone**

Lesson 22 : **BIOS CMOS UEFI What s the difference**

Lesson 23 : **M 2 NVMe SSD Explained M 2 vs SSD**

Lesson 24 : **NAS vs SAN Network Attached Storage vs Storage Area Network**

Lesson 25 : **ARP Explained Address Resolution Protocol**

Lesson 26 : **Powerline Ethernet Networking Explained**

Lesson 27 : **NAT Explained Network Address Translation**

Lesson 28 : **VLAN Explained**

Lesson 29 : **POP3 vs IMAP What s the difference**

Lesson 30 : **Modem vs Router What s the difference**

Lesson 31 : **DDoS Attack Explained**

Lesson 32 : **Printers Explained Laser Inkjet Thermal Dot Matrix**

Lesson 33 : **Hyper Threading Explained**

Lesson 34 : **Disk Defragmentation Explained Defrag Hard Drive Speed Up PC**

Lesson 35 : **DHCP Explained Dynamic Host Configuration Protocol**

Lesson 36 : **Hub Switch Router Explained What s the difference**

Lesson 37 : **CPU Cache Explained What is Cache Memory**

Lesson 38 : **TCP vs UDP Comparison**

Lesson 39 : **Port Forwarding Explained**

Lesson 40 : **RAM Explained Random Access Memory**

Lesson 41 : **IP Address IPv4 vs IPv6 Tutorial**

Lesson 42 : **What is a Chipset**

Lesson 43 : **32 bit vs 64 bit**

Lesson 44 : **How a DNS Server Domain Name System works**

Lesson 45 : **What is RAID 0 1 5 10**

Lesson 46 : **PING and TRACERT traceroute networking commands**

Lesson 47 : **CompTIA Network Certification Video Course**

Lesson 48 : **CompTIA A Certification Video Course**

Related courses

Excel Power Query

Excel VBA

Excel Dashboard

Excel Course Basic to Advanced

Excel Functions

Excel Charting



for Business Contact
business@mindluster.com