Practical TCP/IP

NCAT

This course is intended for engineers, operators, network managers and project managers who need to support, understand or design TCP/IP networks

This two day instructor led course is designed to be vendor independent and consists of a series of structured theory sessions with practical sessions and demonstrations. The course purpose is to provide insight on TCP/IP, so IP networks can be both supported and designed

- **Instructors are Cisco authorised**
- **Live kit located on delegates desks**
- **12 months post course support**

Course Pre-Requisites

Delegates are required to meet the following prerequisites:

- A basic understanding of Networking concepts

Course	Course Content
Practical TCP/IP Duration: 2 days Certification This is a non-certification course Location Slough Client Site	• IP Addressing. IP addressing classes, Subnetting theory, subnetting examples, calculating IP Subnet address ranges, Common IP addressing errors, IP Datagram Format • IP Addressing. IP addressing classes, Subnetting theory, subnetting examples, calculating IP Subnet address ranges, Common IP addressing errors, IP Datagram Format • Implementing an IP address scheme on some Cisco routers and servers and Client PCs • Reviewing Routing tables • Observing the function of RIP • Address Mapping. Host names and host file, ARP, RARP, BOOTP, DHCP • ICMP Protocol. Ping, unreachable messages, redirect • TCP/UDP Protocols. Ports and sockets Connection Management, Sliding Windows • TCP/IP Applications. FTP, Telnet, DNS, TFTP, SNMP