

TCP/IP PROTOCOL SUITE

LAYER RESPONSIBILITIES

TCP/IP PROTOCOL SUITE	OSI PROTOCOL SUITE	OSI LAYER
PROCESS	APPLICATION	LAYER 7
	PRESENTATION	LAYER 6
HOST-TO-HOST	SESSION	LAYER 5
	TRANSPORT	LAYER 4
INTERNET	NETWORK	LAYER 3
NETWORK INTERFACE	DATA LINK	LAYER 2
	PHYSICAL	LAYER 1

TCP/IP PROTOCOL SUITE

TCP/IP SOURCE STACK TO & FROM THE TARGET STACK

SOURCE		TARGET
PROCESS	<APPLICATION>	PROCESS
HOST-TO-HOST	<SAME TRANSPORT>	HOST-TO-HOST
INTERNET	<IP>	INTERNET
NETWORK INTERFACE	<SAME PROTOCOL>	NETWORK INTERFACE
NETWORK		

TCP/IP PROTOCOL SUITE

TCP/IP PROTOCOLS & LAYERS									OSI LAYER
FTP	TELNET	SMTP	HTTP	BGP4	BOOTP	DNS	TFTP	RIP	LAYER 7
									LAYER 6
TCP					UDP				LAYER 5
OSPF		ICMP				EGP			LAYER 4
ARP	IP					RARP			LAYER 3
ETHERNET, TOKEN RING, ISDN, PPP, SLIP, ATM, DSL, X.25, FIDI, FRAME RELAY									LAYER 2
									LAYER 1