Networking Essentials ITC 2243

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TCP/IP Protocol Model

Application

To allow access to network resources

Transport

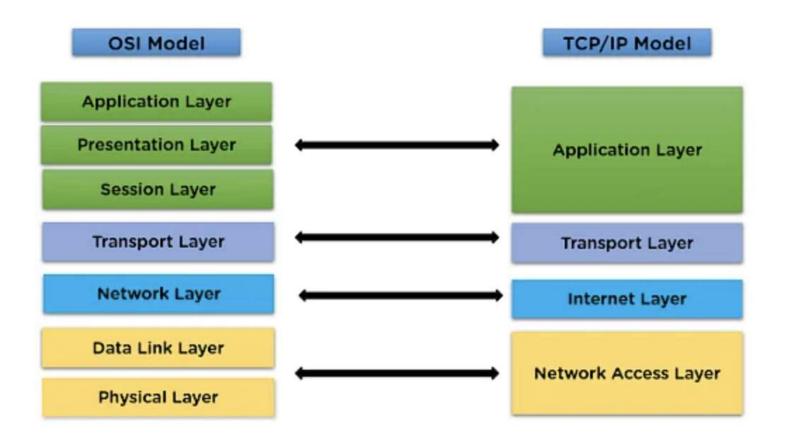
 To provide reliable process to process message delivery and error delivery

Internet

- To move packets from source to destination
- To provide internetworking

Network Interface

Responsible for the transmission for the between two device on the same network.

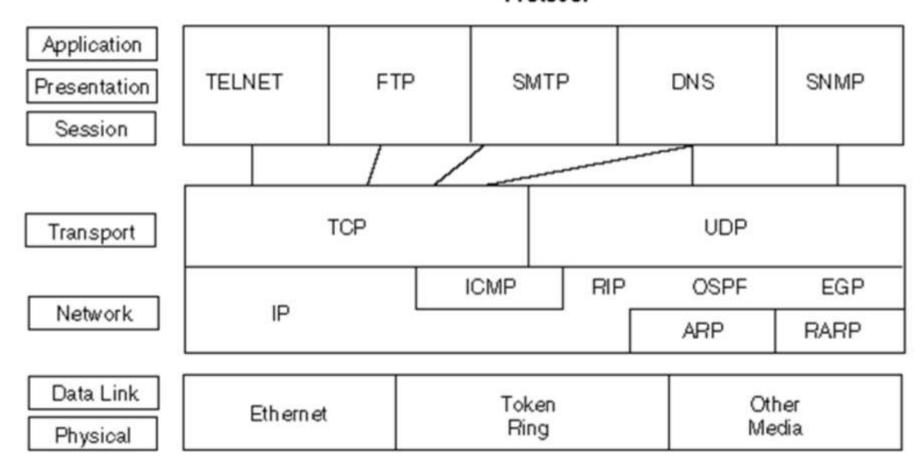


How it can be mapped to ISO OSI

OSI Reference Model

TCP/IP Protocol Suite

Protocol



Telnet and SSH

FTP

DHCP

DNS

SMTP

SNMP

TCP

UDP

ICMP

RIP

OSPF

EGP

ARP

RARP

Ethernet

Thank you!!!