

2.4 TCP/IP Suite of Protocols (Text 2.4, 2.5) Hos become de facto standard Wes developed & distributed free with UNIX. Layers Application of Encompasses top 3 layers of OSI model
Transport SOSI Transport layer Internet ~ OSI Network layer Host to Nehalk = Equivalent DLL to OSI physical Application Layer Profocols:

The HTTP SMTP, FTP

DNS: domain name system. 7 RTP (Real Time Postocol) lransport layer - TCP (Transmission (ontro) Protocol) 7 Connection Oriented, Confirmed, End To End flow (ontrol -> UDP (User Datagram Protocol) 7 Connection les, Unconfirmed User Information Client Program HITP ISMIP IETP IDNG RIP Ranking Roberts IPA ICM!

Internet Layer:
Data Transfer: IP (Internet Protocol, V4X V6)
-> (onrectionless, UnConfirmed. Also@Layer 3 for Newsork Control, we have ICMP (Internet Control Message Protocol) Also routing profocols for layer 3 devices to exchange information about where destination devices are. RIP (Rowling Information Protocal) OSPF: Open Shortest Path first BGP: Border Gateway Protocols To associate/resolve or learn the association between I the DLL Address (MAC-Medium Arcess Control address)

3.0 Data Link Layer Fundionality
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esponsibility of DLL 1) Prov defection.
2) Patransmission of majorses Framewood in error.
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2) Retransmission of sequences fraceived in error. 3) Flow Control. 4) Framing Control (Identifying Start & end of seque — Only @ DU. 5) Medium Access Control.
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5) Medium Accoss Control.
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