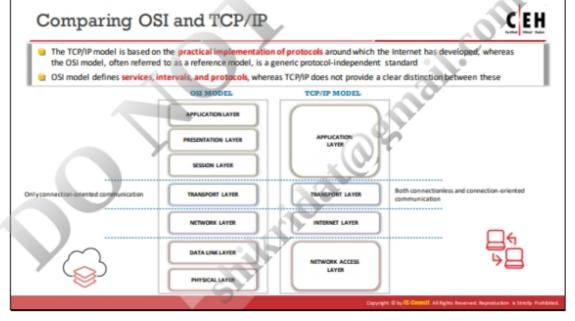
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Comp	outer Ne	tworks			<u>C</u> EH
a A com	nputer network is	s a group of con	nputing systems	connected together to allow electronic comm	unication
	ws users to comes, printers, scan			n between various resources such as computers	s, mobile
		•		ccessful establishment of communication between	ween two
e Ope	ard Network Mo		iel		₫
U TO	yir Wodel				
				Copyright: © by ES-Cossell. All Rights Reserved. I	Reproduction is Strictly Prohibited.
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CEH TCP/IP Model The TCP/IP model is a framework for the Internet Protocol suite of computer network protocols that defines the communication in an IP-based network Protocols Functions Layers Handles high-level protocols, File Transfer (TFTP, FTP), Email (SMTP), Application Layer Remote Login (Telnet, rlogin), Network Management (SNMP), Name representation issues, encoding, and dialog control Management (DNS) Constitutes a logical connection Transport Layer between the endpoints and provides Transmission Control Protocol (TCP) transport services from the source to and User Datagram Protocol (UDP) the destination host Internet Protocol (IP), Internet Control Internet Layer Selects the best path through the Message Protocol (ICMP), Address network for packets to travel Resolution Protocol (ARP) Defines how to transmit an IP datagram to other devices on a Network Access Layer FDDI, Token Ring, CDP, VTP, PPP directly attached network



Notes: