

ISO OSI AND TCP/IP NETWORKING MODELS CHAPTER 1 1 3/2/2024 Basic Networking –Applied College– Example of a Computer Network 2 3/2/2024 Basic Networking –Applied College– What is a Computer network?37 3/2/2024 Basic Networking –Applied College– The Internet Layer At the Internet layer, the logical addresses of the source and destination devices are determined and placed on the package.It extracts the IP packet from this frame and resolves the information in the IP header, then does the same for the TCP and application headers, eventually extracting the HTTP application data for processing by a software program, such as a web browser or web server.o Network adapter or network interface card (NICs)--An NIC joins an end system host to network media (cabling or wireless) and enables it to communicate over the network by assembling and disassembling frames.3 3/2/2024 Basic Networking –Applied College– ISO The International Organization for Standardization (ISO) developed the Open Systems Interconnection (OSI) reference model (iso.org/standard/20269.html) to promote understanding of how components in a network system work. 18 3/2/2024 Basic Networking –Applied?.??.....???.....?????.?.....College– Communication at layer 2 of the OSI model ...2