



Configuring TCP, UDP, and RAW Transports on Cisco IOS XR Software

TCP is a connection-oriented protocol that specifies the format of data and acknowledgments that two computer systems exchange to transfer data. TCP also specifies the procedures the computers use to ensure that the data arrives correctly. TCP allows multiple applications on a system to communicate concurrently, because it handles all demultiplexing of the incoming traffic among the application programs.

The User Datagram Protocol (UDP) is a connectionless transport-layer protocol that belongs to the IP family. UDP is the transport protocol for several well-known application-layer protocols, including Network File System (NFS), Simple Network Management Protocol (SNMP), Domain Name System (DNS), and TFTP.

Any IP protocol other than TCP or UDP is known as a RAW protocol.

For most sites, the default settings for the TCP, UDP, and RAW transports need not be changed. If you have specific requirements and need to adjust the TCP, UDP, or RAW values, refer to the *Transport Stack Commands on Cisco IOS XR Software* module of the *Cisco IOS XR IP Addresses and Services Command Reference* publication.

