

Host Layers

Media Layers

data unit

layers

Data

Application

Network Process to Application

Data

Presentation

Data Representation
and Encryption

Data

Session

Interhost Communication

Segments

Transport

End-to-End Connections
and Reliability

Packets

Network

Path Determination and
Logical Addressing (IP)

Frames

Data Link

Physical Addressing
(MAC and LLC)

Bits

Physical

Media, Signal and
Binary Transmission