

## Chapter 31 Transport-Layer Services

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### 3.1.1 Transport Services and Protocols

- They provide *logical communication* between apps running on different hosts.
- **Transport protocols** run in end systems:
  - The **send side** breaks application messages into *segments* and passes them to the network layer.
  - The **receiver side** puts the segments back together into messages and passes the message to the app layer.
- Multiple transport protocols are available to apps, including *TCP and UDP* for transportation over the internet.

### 3.1.2 Transport vs. Network Layer

- The **network layer** is a logical communication between hosts.
- The **transport layer** is a logical communication between processes.