

Lecture 11b - Transport Layer - UDP

Type

Lecture

Materials

Empty

Reviewed

✓

1. UDP Protocol Format

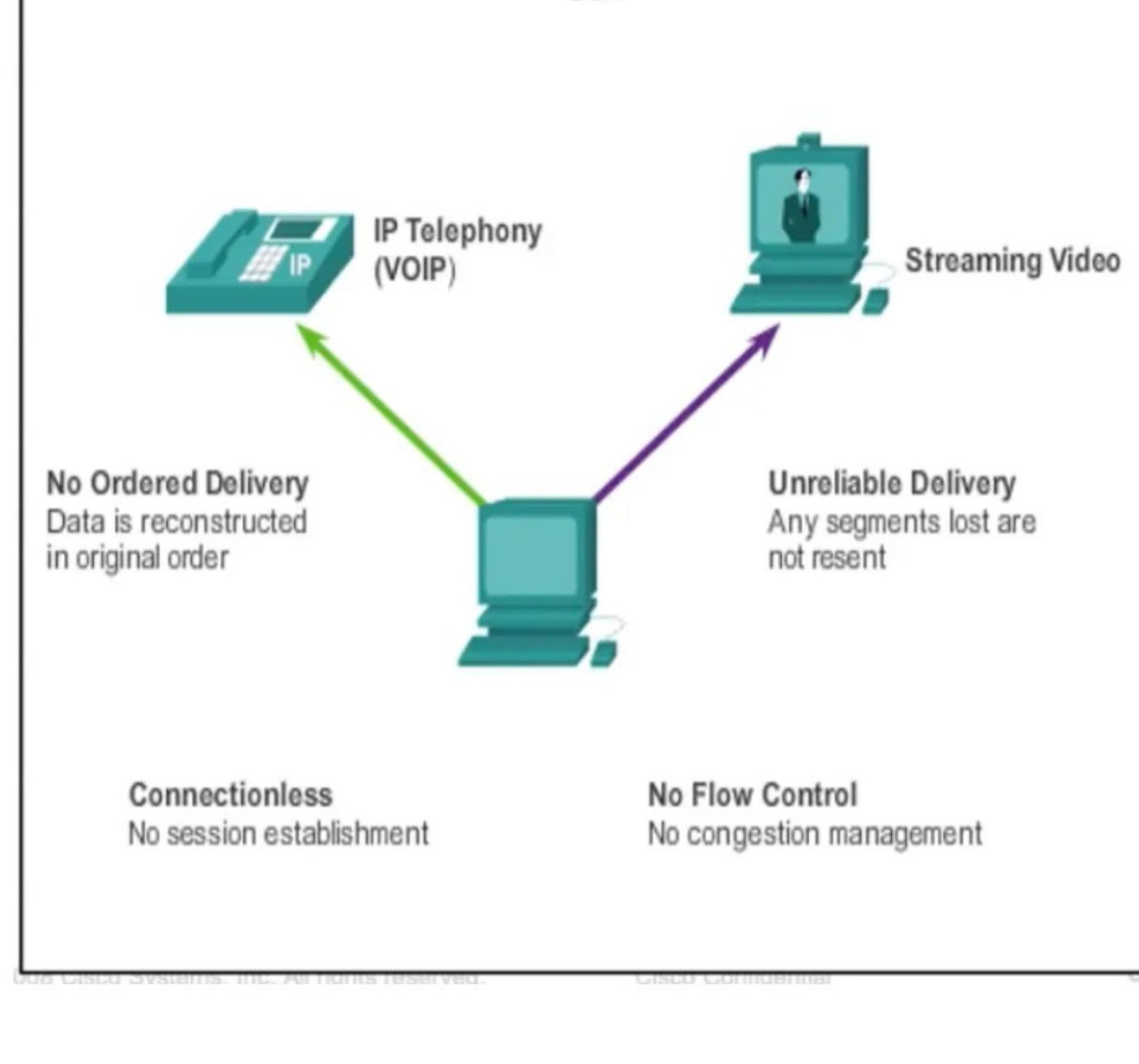
2. UDP Communication

1. UDP Protocol Format

- UDP stands for User Datagram Protocol
- UDP Header
 - Small header, less field for transport control
⇒ Faster but not reliable

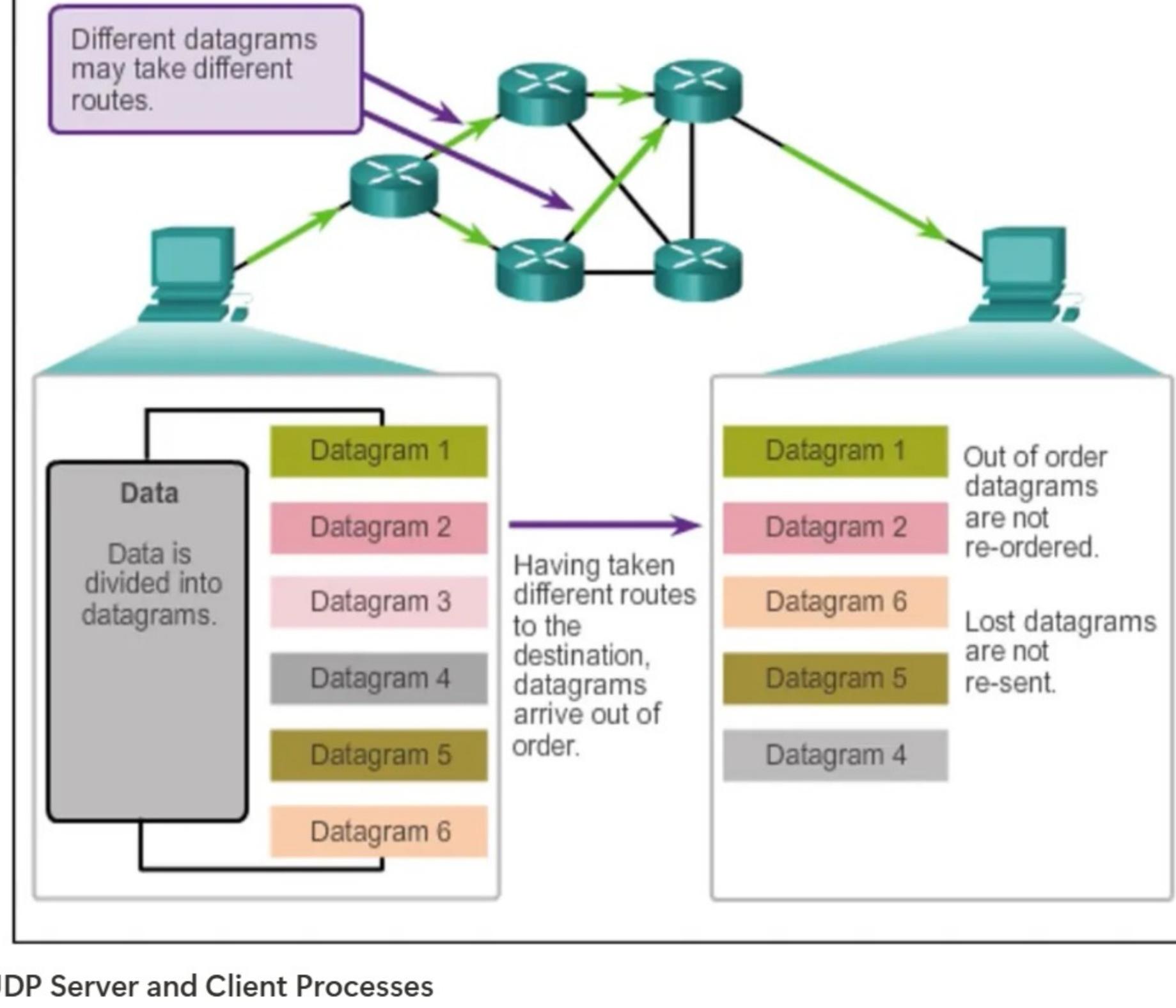


- Applications that use UDP:
 - Domain Name System (DNS)
 - Video Streaming
 - VoIP



2. UDP Communication

- Datagram Reassembly
 - Datagram is a data unit when using UDP
 - Application divides data into datagrams
 - No delay – datagrams are transmitted as soon as possible



- UDP Server and Client Processes
 - UDP-based server applications are assigned well known or registered port numbers
 - UDP client process randomly selects port number

