

The logo features the letters 'UDP' in a bold, dark blue, sans-serif font. Below it, the word 'CyberQuince' is written in a smaller, dark blue, serif font. The text is centered within a white circular area that is part of a larger graphic design with blue and pink background elements.

**UDP**

CyberQuince

# AGENDA

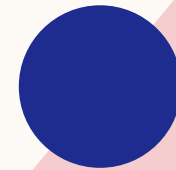
Introduction

Primary goals

Areas of growth

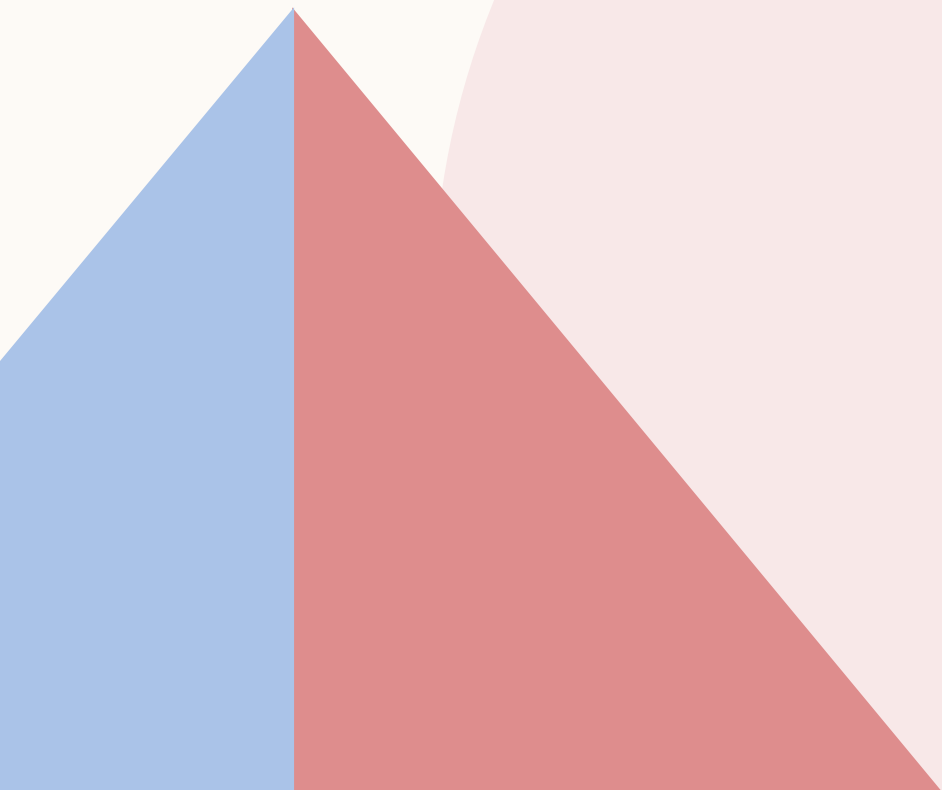
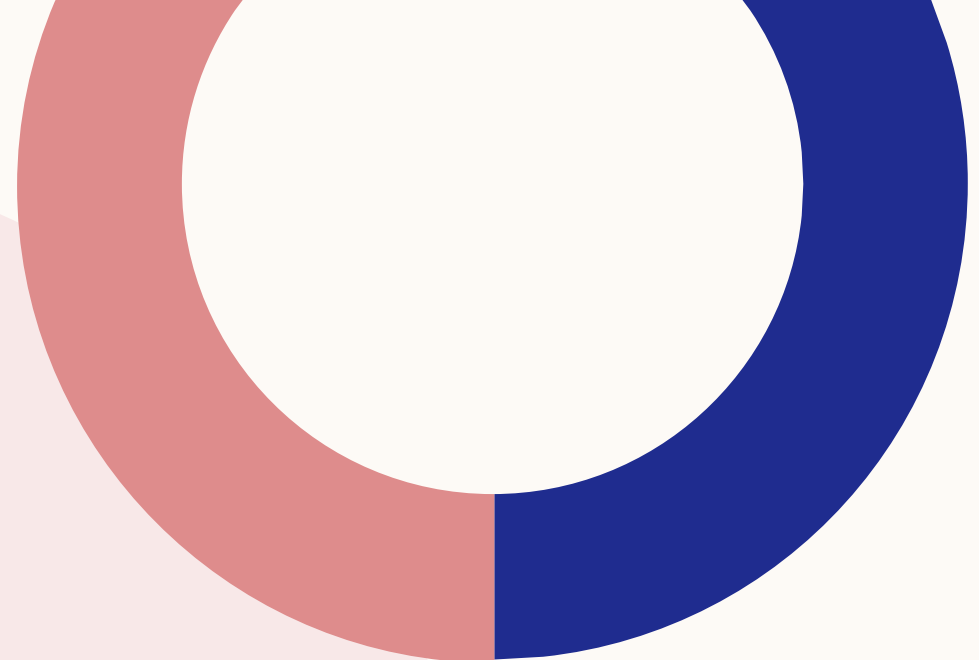
Timeline

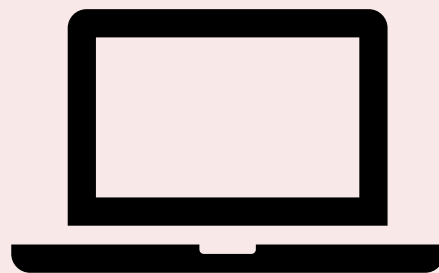
Summary




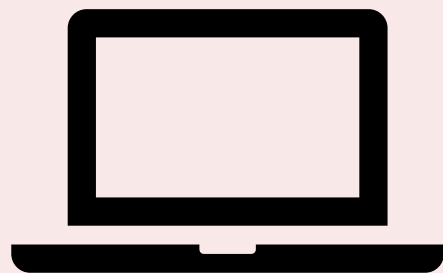
# UDP

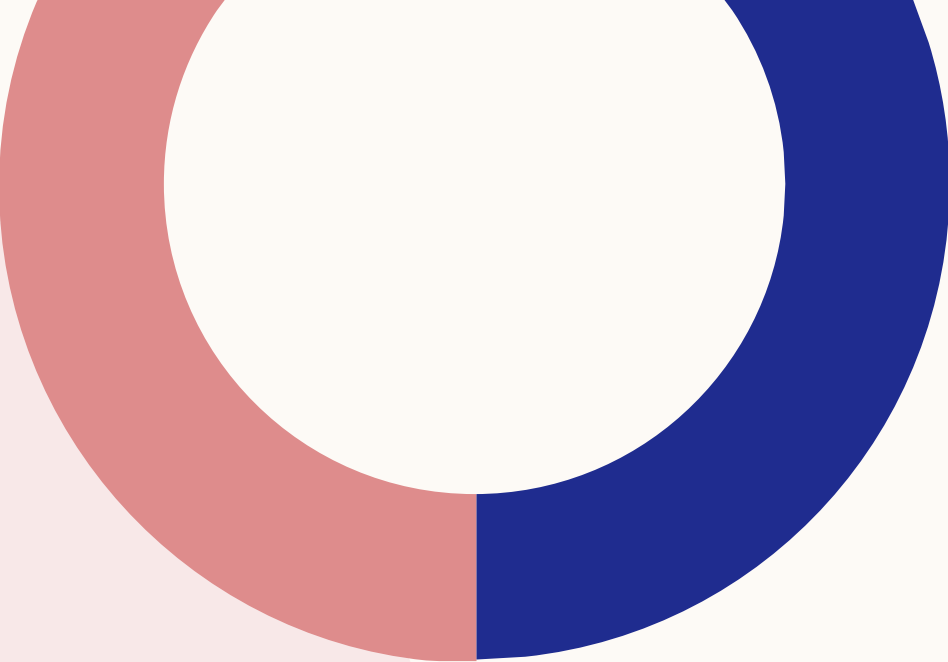
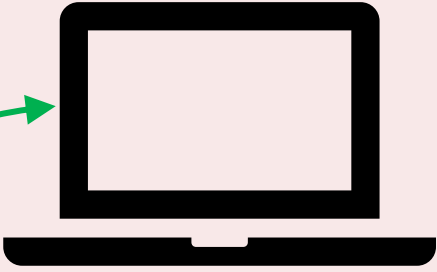
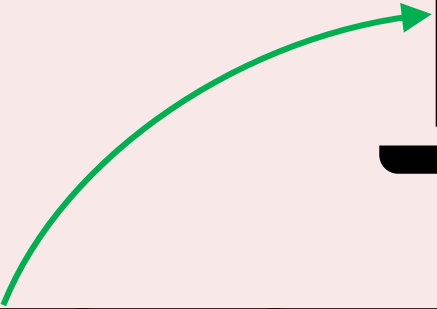
UDP, defined in [RFC 768], does just about as little as a transport protocol can do. Aside from some light error checking, it adds nothing to IP.





<b>SRC</b>	<b>DST</b>	<b>LN</b>	<b>CS</b>	
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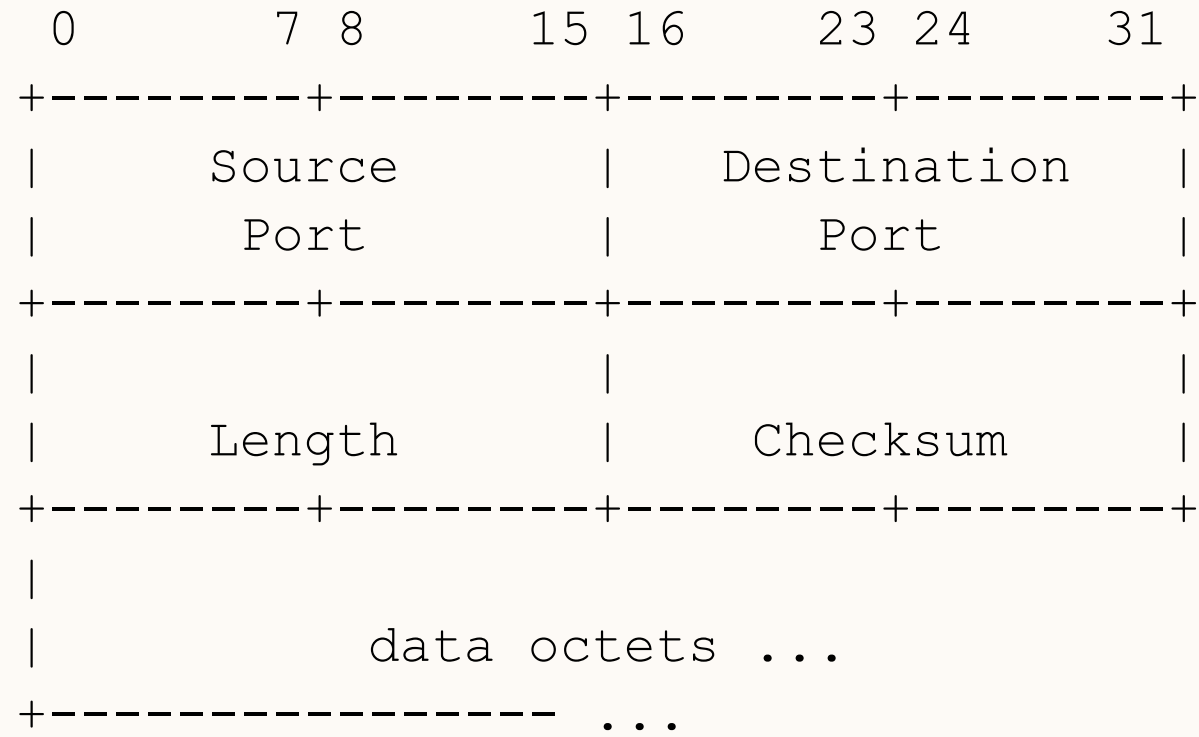


# WHY?

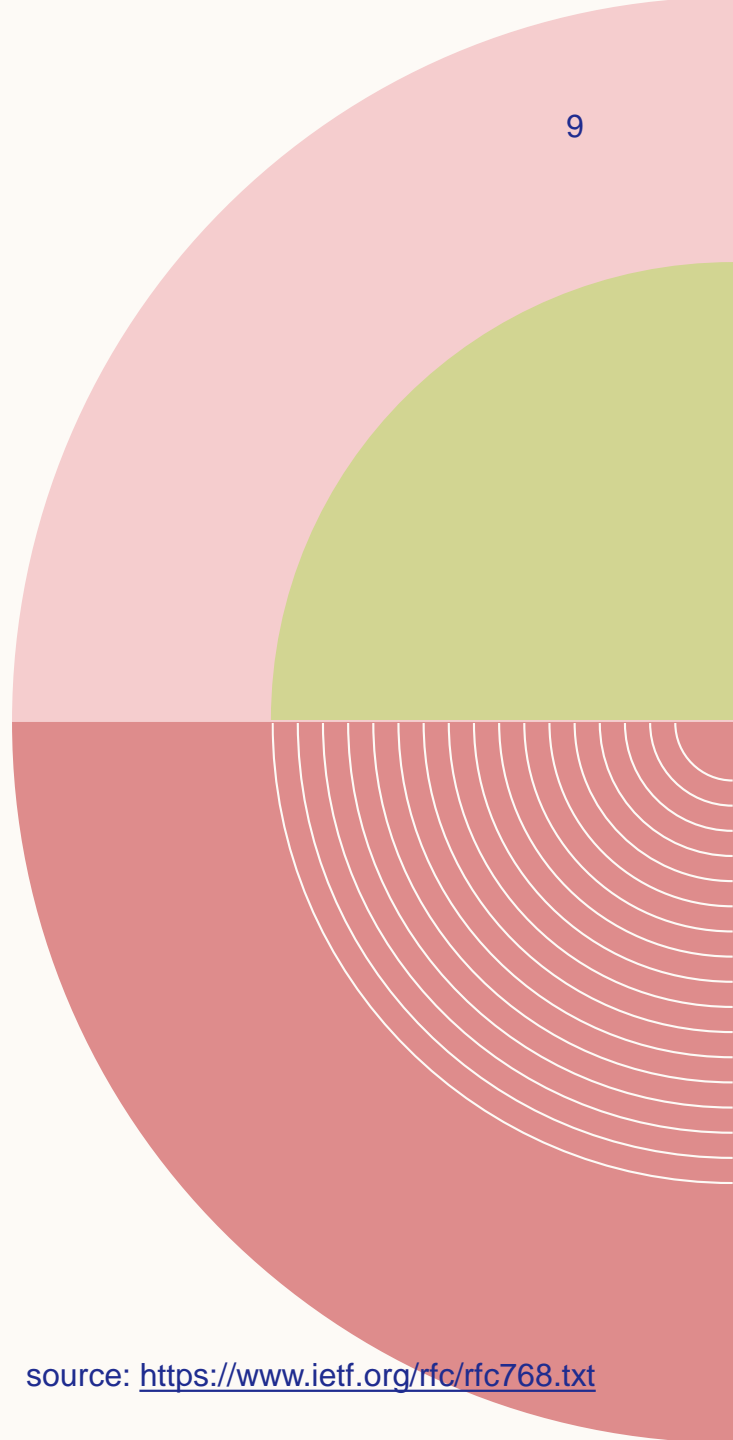
- Finer application-level control over what data is sent, and **when**
- No connection establishment
- No connection state
- Small packet header overhead



## UDP datagram structure



User Datagram Header Format



Application	TCP or UDP?
E-mail (SMTP)	TCP
Web surfing (HTTP)	TCP
File transfer (FTP)	TCP
Streaming	UDP (sometimes TCP)
VoIP	UDP (sometimes TCP)
Routing	Almost always UDP
Real-time gaming	Typically UDP



# UDP

CyberQuince