

# TCP PEP

Extension of a TCP Performance Enhancing Proxy to  
Support Non-interactive Applications

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# TCP PEP

Extension of a TCP Performance  
Enhancing Proxy to Support  
Non-interactive Applications

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# Chapter 1

## Intro

## Chapter 2

# Background

### 2.1 TCP/IP

Acknowledgment (ACK)

### 2.2 Congestion Control

### 2.3 mmWave

Highly fluctuating bandwidth with wireless networks.

### 2.4 PEPs

### 2.5 0 RTT

0RTT Transport Converter [1].

## Chapter 3

# Implementation | Design

## Chapter 4

# Evaluation

## Chapter 5

## Conclusion



# Bibliography

- [1] Olivier Bonaventure, Mohamed Boucadair, Sri Gundavelli, SungHoon Seo, and Benjamin Hesmans. 0-RTT TCP Convert Protocol. RFC 8803, July 2020.