Thesis Structure Outline

Abstract

Introduction
- working environment
- Motivation
- Objective
- Limitations
- Thesis Outline

Related Work
- P2P
- Bittorrent
- dht
- kademlia
- MTU
- IP Protocol
  - TCP
  - UDP
  - QUIC
- LSQUIC Library(here?)

Concept and Design
- Concept
- Problem description
  - larger data transmission
  - limitation of MTU
  - features of IP protocols
- Design
  - Staxnet
  - All nodes propagation model
  - Direct tunnel based Peer to Peer model

Implementation
- Background Information
- Requirement
- Used techniques
- Overview
- Pre-processing (Staxnet)
- Model Implementation
  - All nodes propagation model
    - Transmission method
    - Data encryption
  - Direct tunnel based Peer to Peer model
    - Transmission method
    - Data encryption

Evaluation
- All nodes propagation model
  - benchmark the propagation time int n nodes the m kbytes data (how many nodes?)

  - benchmark when the system sets different size of packet, submission time into the node
  - benchmark the download time int n nodes the m kbytes data (how many nodes?)
- Direct tunnel based Peer to Peer model
  - Benchmark time to push the Key-value int n nodes (how many nodes?)
  - Benchmark download time n kbytes data between via different protocols
  - Benchmark error rate of downloading different size of data (Maybe 1000 times?)

Conclusion
- Result of thesis
- Further work

List of Tables
List of Figures
Appendices

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In concept & design chapter describe the architecture using the activity diagram and the useCase diagram

In implementation chapter describe the functions using the class diagram and the sequence diagram