Alma Mater Studiorum · Università di Bologna

SCUOLA DI INGEGNERIA E ARCHITETTURA DIPARTIMENTO DI INFORMATICA-SCIENZA E INGEGNERIA (DISI) Corso di Laurea Magistrale in Ingegneria Informatica

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Ringraziamenti

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Introduction

Technical background

- 1.1 Manufacturer Usage Description
- 1.2 Firewall
- 1.3 Federated learning
- 1.4 Network traffic

Existing technologies

- 2.1 MUD: MUD manager implementations
- 2.1.1 Security challenges
- 2.2 Federated Learning: setups and frameworks
- 2.2.1 Basic setup
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System design

- 3.1 MUD capable network
- 3.1.1 General description
- 3.1.2 Open Source MUD Manager
- 3.1.3 User Policy Server
- 3.2 Federated anomaly detection system
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- 3.2.1.1 Implementation
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