

Detecting (Absent) App-to-app Authentication on Cross-device Short-distance Channels

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Outline

- 1. Introduction
- 2. Cross Device Authentication Scheme
- 3. Approach Overview
- 4. Technical Details
- 5. Experimental Evaluation
- 6. Case Studies
- 7. Discussion
- 8. Conclusion

Introduction

Context

Current Solutions

Problem Statement & Contributions

Cross Device Authentication

Scheme

Cross-device Authentication Scheme

Threat Model & Attack

Approach Overview

Challenges

Boundary Area: Entry & Exit Points

Detection Strategy

Technical Details

Technical Details

Experimental Evaluation

Experimental Evaluation

text..... Here we put the experiments that we did

Dataset Composition

Results

Case Studies

Data injection on BluetoothChat

Data injection on Wi-Fi Direct +

Discussion

Impact & Limitations

Conclusion & Future works

Conclusion

Thank you for attention

Questions?