

Munich Internet Research Retreat

ABSTRACT

This article summarises a 2 day long research retreat seminar on held in November 2016. The entire set of presentations delivered during the seminar is made publicly available at [1].

Keywords

Internet measurements, Quality of experience, Network management, Traffic engineering

1. INTRODUCTION

2. INVITED PRESENTATIONS

The invited presentations were intended as a basis for triggering discussions and identifying areas for group work.

2.1 Edge Computing considered harmful

2.2 Towards A Clean Slate – Digital Sovereignty in the Post Snowden Era

2.3 On software network management

2.4 FlexNets: Quantifying Flexibility in Communication Networks

2.5 An Accidental Internet Architecture

2.6 Measuring IPv6 Performance

2.7 Path tracing and validation of IPv4 and IPv6 siblings

2.8 SWIFT: Predictive Fast Reroute upon Remote BGP Disruptions

2.9 Open Platforms for Cyber-physical systems

2.10 Collaborative intrusion handling using the Blackboard-Pattern

3. PARALLEL GROUP WORK

The afternoon sessions were used to discuss certain topics in more depth in smaller groups. This section summarises the discussions of each group.

3.1 SDN/NFV Measurements

3.2 SDN++: Applications Perspective

3.3 QUIC

3.4 DDoS Defence beyond Centralization

3.5 Security

3.6 IoT

4. LIGHTNING TALKS

Participants were also encouraged to volunteer for a lightning talk to provide a perspective into their recent measurement research work.

5. POSTERS

Participants were also encouraged to volunteer to bring a poster to provide a perspective into their recent measurement research work.

6. CONCLUSIONS AND NEXT STEPS

Acknowledgements

REFERENCES

- [1] Munich Internet Research Retreat 2016: Materials. <https://www.cm.in.tum.de/en/mir>. [Online; accessed 23-November-2016].