Network Management Experiences

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ABSTRACT

In this paper we provide ...

KEYWORDS

network management, operations

Reference:

J. Doe, J. Doe, and J. Doe. 2024. Network Management Experiences. In *submissions to the IAB Next Era of Network Management Workshop*, 2 pages.

1 INTRODUCTION

The IAB workshop on the Next Era of Network Management Operations (NEMOPS) aims to foster dialogue between network operators and protocol developers, guiding the IETF in evolving network management protocols. This initiative seeks to evaluate past achievements and outline future requirements for network management operations.

IAB Next Era of Network Management Operations Workshop, December 2024, held online

.

In this paper we introduce a cloud-native transport automation software solution designed to machine learning and open standards for advanced analytics and automation across microwave, IP, and optical fronthaul networks. The goal being to facilitate communication service providers the automation of their network operations, optimizing network performance, reducing costs, and enhancing end-user experiences.

2 ETAC OVERVIEW?

Depending on how deep we can get on what we can say at IETF, we may scope the paper accordingly

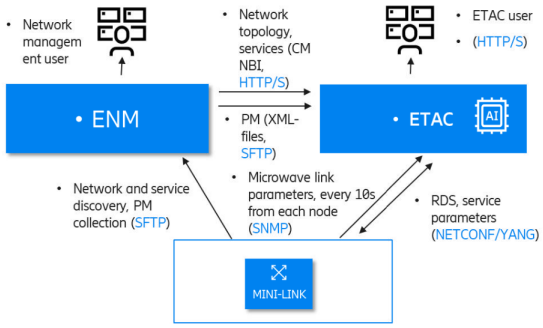

Figure 1: General Architecture

This section presents an overview

Participating Entities

We define three primary entities

- **one**: Typically a ...

3 PROTOCOL INSIGHTS

Current IETF protocols used

We use protocols such as NMDA [1], NETCONF [3], and SNMP [2] to ...

Our solution is built upon...

4 PROTOCOL EVOLUTION

5 CONCLUSIONS

This paper provides an overview of ...

6 ACKNOWLEDGMENTS

We would like to thank Ericsson for their support of this work. Special thanks to ...

REFERENCES

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[2] J. Case, R. Mundy, D. Partain, and B. Stewart. 2002. An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks. RFC 3411. https://www.rfc-editor.org/info/rfc3411 Simple Network Management Protocol (SNMP).

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