

Non-Technical Project

for Mr. xx xx

Topic: Impact of PMU on network observability

Task:

The purpose of this paper is to study how the addition of PMUs affects observability in an already existing observable network. In the course of work it is necessary to study the concept of network observability, methods of calculating network observability, examine PMU devices, as well as the influence of their number and location on network observability.

The study has to cover the following points:

- Analyze existing concepts of network observability algorithms
- Explore the concept of PMU devices
- Identify methods for using PMU in network observability analysis
- Identify the advantages of their use, as well as the potential difficulties of their implementation
- Documentation of the results

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