

Topic: Analysis and Evaluation of deterministic Layer 3 communication protocol

Abstract: The goal of this thesis is the evaluation of deterministic layer 3 communication protocols. In the context of sensor to cloud communication and edge- and cloud computing, this topic is becoming more important for Industry4.0. The responsibilities of this work include the identification of existing solutions, listing of suitable evaluation criteria and the evaluation based on the previous researched results.

Recommended Skills:

- Understanding of computer networks and (layer 3) communication protocols
- Understanding of network management
- Understanding of technologies such as edge-computing and automation
- Understanding of measurement processes

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