Chair of Communication Networks
TUM Department of Electrical and Computer Engineering
Technical University of Munich

TUM

Bachelor's Thesis

Reinforcement Algorithm for Airplane to DC assignement in Space-Air-Ground Integrated Networks

The assignment of airplanes to datacenters while they are flying is necessary to provide Internet-based services to passengers. Also, considering the mobility of the airplanes, these assignemnts might need to be reconfigured in time. In this work, we would like to implement and evaluate a reinforcement learning approach in a Space-Air-Ground Integrated scenario, where we provide QoS-aware Internet-based services to passengers while airplanes are flying.

Prerequisites

Experience in Python or Java, ML, Algorithms

Contact

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Advisors

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