Bachelor's Thesis

An Iterative Algorithm for Resource Management of Flying Airplanes in Space-Air-Ground Integrated Networks

Resource Management (VM Location, Routing, and Migration) in while airplanes are flying. An iterative approach tackles the problem by solving the small-sized problems iteratively. In this work, we would like to implement and evaluate this approach in a Space-Air-Ground Integrated scenario, where we provide QoS-guaranteed Internet-based services to passengers while airplanes are flying.

Prerequisites

Experience in Python or Java, Mathematical Optimization, Algorithms

Contact

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