

Offloading computationally intensive tasks from mobile users (MUs) to a virtualized environment such as containers on a nearby edge server, can significantly reduce processing time and hence end-to-end ...

Because of the exponential expansion in container traffic, larger container ships are required, necessitating the development of smart ports that use advanced technologies and ...

Coordinated Container Migration and Base Station Handover in Mobile Edge Computing.

We (1) formulate an optimization problem for container placement and base station allocation, and (2) derive the best time to trigger handover, pre-migration, and migration, based on a delta checkpoint ...

Unlike other container technologies, Docker built a complete ecosystem around containers, including container imaging standards, container Registry, REST APIs, CLI, container ...

The container is waterproofed by welding all connecting edges tightly and all outer surfaces are coated with special paint as the structure is supposed to remain underground for years. Typical overall ...

In this paper, we address the joint problem of container migration and base-station handover by proposing a coordinated migration-handover mechanism, with the objective of achieving low E2E ...

These stations are crucial for providing cell phone service in rural and remote areas. Shipping containers make ideal structures for these base stations because they can be easily ...

This unmanned ten-foot support station was designed and manufactured as part of a communications and command system. The container is designed for demanding environmental conditions and ...

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