

2022-01-11 - EMCO: Logical Clouds

Topic Leader(s)

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Topic Description

60m

10:30am

Geo-distributed application/network service-deployment requirements are being driven by Enterprise and Telco requiring presence across multiple geographical locations. There shall be a need to consistently create users, assign roles and give permissions for deploying geo-distributed applications /services across multiple Kubernetes clusters. Moreover, multi-tenancy requirements necessitates auditability, correctness and operational isolation. Automation is the way to ensure the consistency, isolation and auditability

Topic Overview

This talk will cover how access control and privilege/permission/role management automation is undertaken within EMCO (Edge Multi-Cluster Orchestrator).

Slides & Recording

Informational / Demo

[lfn-topic-logical-clouds-20220111-shareable.pdf](#)

[lfn-topic-logical-clouds-20220111-shareable.mp4](#)

Agenda

- EMCO architecture overview/refresh
- Bootstrapping clusters/data-centers
- The concept of Logical Cloud and its different permission levels
- Available permissions and access control knobs
- Live demo illustrating one use-case

Minutes

Action Items

