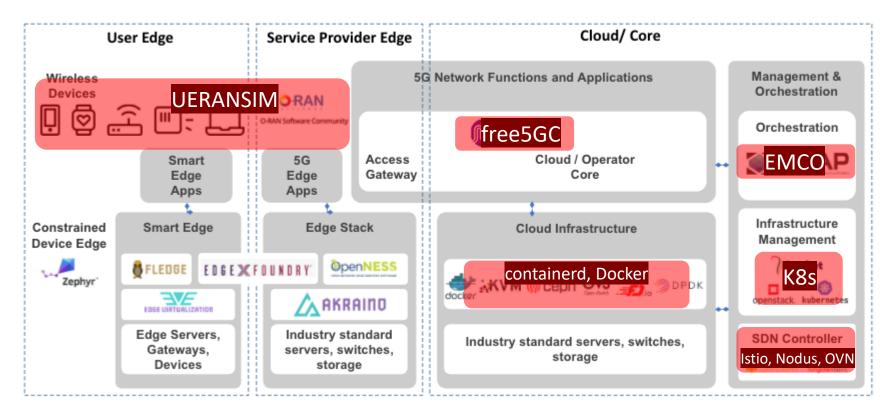
Intent-based 5G multi-tenant Edge

Vivek Kashyap

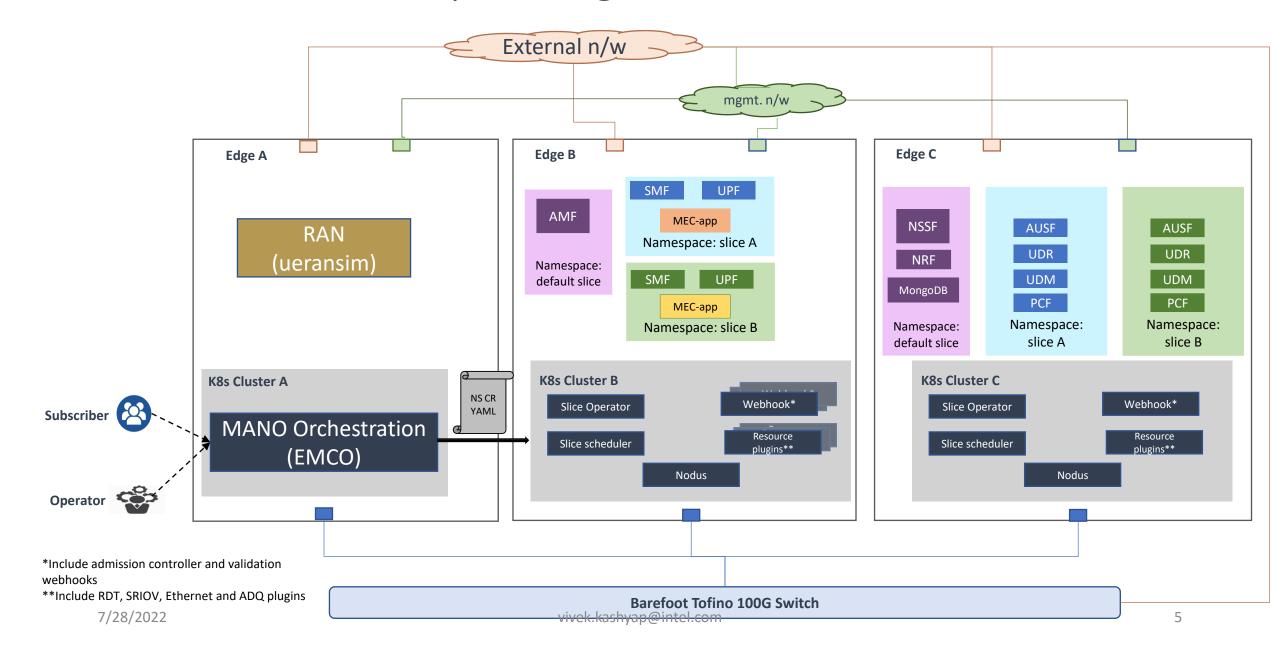
Team

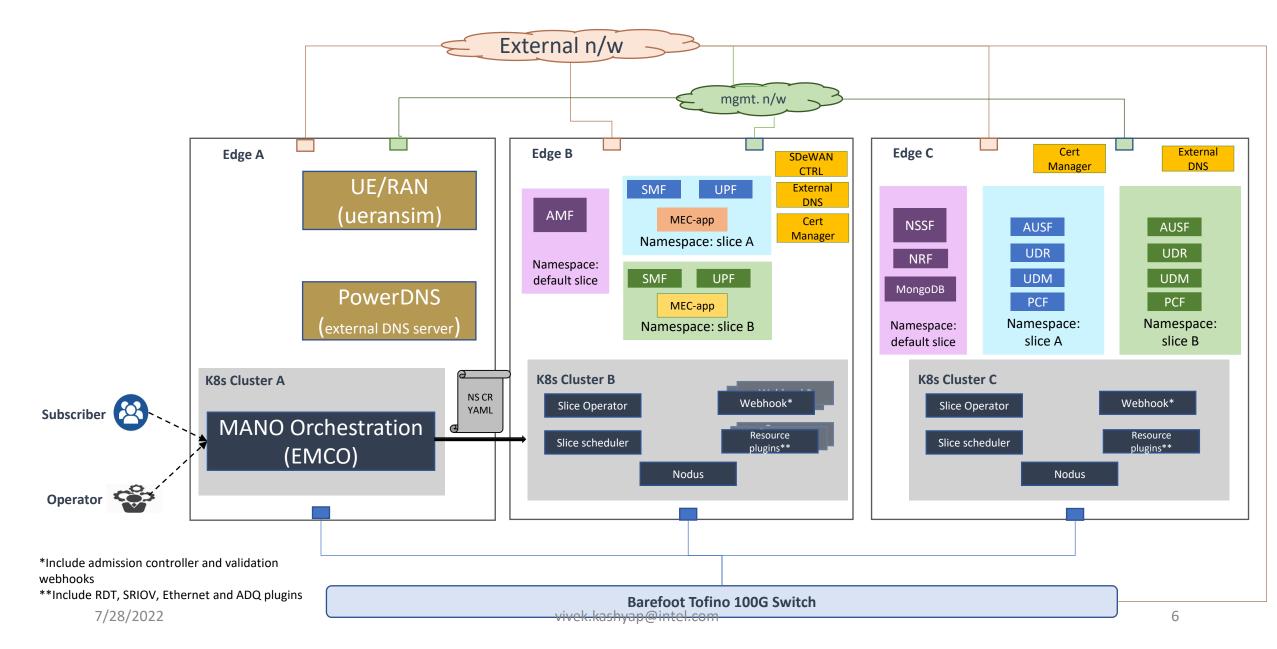
- Aldas, Saidulu
- Duarte Cardoso, Igor
- Kashyap, Vivek
- Ramakrishnan, **Kural**amudhan
- Ramanathan, **Palani**appan
- Yeleswarapu, Ramamani

LF Open Source Component Projects for 5G

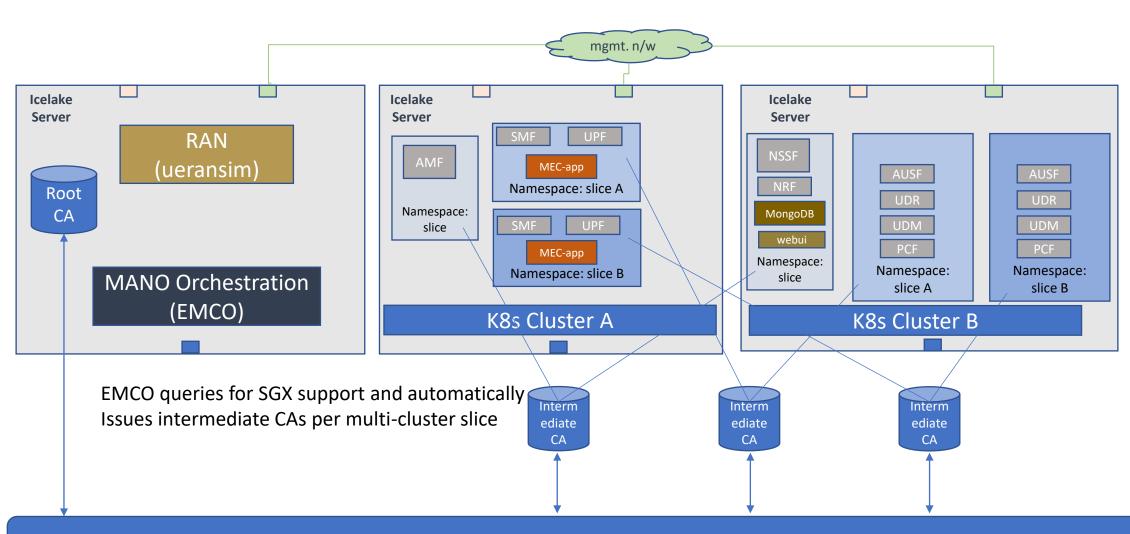


5G Multi-tenancy Slicing Demo – mapped back to 5GSBP 5GSBP's "Cloud / Operator Core" 5GSBP's "Service Provider Edge" and "Access Gateway" mgmt. n/w 5GSBP's "User Edge" and "Service Provider Edge (may be cloud) 5G Core (free5G Server 1 Server 2 Server 3 **RAN** MEC app / (ueransim) nginx Namespace: slice A Namespace: MongoDB slice webui MEC app / PCF PCF Namespace: Namespace: slice B Namespace: Namespace: MANO Orchestration slice slice A slice B (EMCO) **K8s Cluster A K8s Cluster B** 5GSBP's "Infrastructure 5GSBP's Management" "Management & Orchestration" External Network Resources loaded from another network 100G L3 Switch 7/28/2022 vivek kashvan@intel.com





5G Multi-tenancy Slicing Demo – Service Mesh and SGX



Backup

