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Use Case: Connected Vehicle

- World-wide Automotive OEM
- Edge Native Application
 - Needs to run on compute resource located at the first 5G hop (i.e., base station)
 - Closed loop EN application that analyzes telemetry from OEM's vehicles and sends optimization commands back to the vehicle
 - Also, summary results to a central data-center
 - Must run in most countries in the world
 - Potentially millions of instances of the EN app
- Centralized applications that further analytical results (potentially executing in different 'clouds')
- Assume n Edge Operators (EOs)
- For even a relatively small n the OEM's dev team will ask the following:
 - How many different processes are there across the n EOs to:
 - Acquire, approve contracts, bill, fund, etc., the compute resources
 - Build, deploy, provision, configure, monitor, secure, and update the application
 - Build includes use of EO provided services
- Workstream would be to harmonize the above operations across the EOs as well as private and public clouds