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Bringing a 3GPP-compliant Core to Magma: Orchestration of OAI 5G Core Network

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Bring a 3GPP-compliant Core to Magma: Orchestration of OAI 5G Core Network

Objective:
- Integrate 3GPP core network in to Magma framework
- Orchestration and management of OAI 5G Core Network
Magma Orchestrator overview and internals

https://docs.magma.org/docs/next/orc8r/architecture_overview
Integration of OAI core network to Magma Orchestrator
Functions of middlewareApp

- Register network and gateway at Orchestrator

- Open gRPC stream channel for updates e.g. config, subscriber etc.

- Translate NBI message and corresponding SBI calls to OAI core network

- Maintain subscriber’s usage reporting and provide to orchestrator