OSM PoC Proposal
Heimdall Hybrid Web
Orchestrating enterprise web 5G vertical scenario
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PoC Participants

- Instituto de Telecomunicações/Universidade de Aveiro
- Universidade Federal do Rio Grande do Sul
- Wavecom
Orchestration of an SFC-enabled SSL/TLS encrypted traffic processing architecture, supporting both cloud and fog deployments, as well as an hybrid mode in which some traffic is offloaded to the fog while the rest is processed in the cloud.

Use case

Corporate Internet in trains
- OSM Release 4
- Instantiation of the NS
- Day 0/1/2 configuration
Logical Topology
Part 1

Cloud
Part 1_a
MITM chain
Part 1_b

Hybrid chain
Part 2

Edge

Open Source MANO

EDGE Classifier Gateway
HYBRID CHAIN MITM Squid Router
Future work

- Scaling groups
- Performance monitoring
- Fault monitoring
- VNF lifecycle management
- SFC using OSM
Questions
Thank you!