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OSM#12 Ecosystem Day
Welcome!

Wajeeha Hamid - OSM MARCOM Chair
Mark Beierl - OSM TSC member

Dec 1, 2021 - OSM#12

ETSI

Welcome to the OSM#12 Ecosystem Day !

OSM12 Ecosystem Day

Wednesday December 1st (2 - 5:30 pm CET)

Logistics:
- Please enter your **name in G2M**
- Use a **headset**
- **Mute** yourself during the presentations
    Unmute for questions
    Or type them in the chat
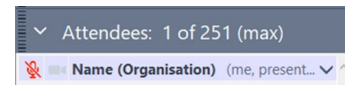- Slides are available in the **wiki**:
https://osm.etsi.org/wikipub/index.php/OSM12_Ecosystem_Day
- Talks are being **recorded** and will be posted on YouTube
- Follow us and share your thoughts on social media:
    @OpenSourceMANO #OSMecosystemDay

Attendees: 1 of 251 (max)

Name (Organisation) (me, present...

Agenda for today !!

- 2:00-2:25 pm CET **Welcome to the OSM#12 Ecosystem Day & Release ELEVEN pre-view** by OSM MARCOM
- 2:25-2:50 pm CET **Demonstration of P4-Based In-Band Telemetry for OSM-Orchestrated 4G/5G Testbeds by SimulaMET** (Simula Metropolitan Centre for Digital Engineering)
- 2:50-3:15 pm CET **Demonstration of MEC Applications deployment with OSM by Whitestack & University of Bologna**
- 3:15-3:40 pm CET **Demonstration of debugging mode for Charmed OSM by Canonical**
- 3:40-3:45 pm CET **Group Picture!**
- 3:45-4:10 pm CET **Coffee Break**
- 4:10-4:35 pm CET **Marketplace-driven 5G network slices among multiple operators by 5GZORRO**
- 4:35-5:00 pm CET **TEOSM - An Overview by Tata Elxsi**
- 5:00-5:25 pm CET **Demonstration of PaaS-driven Interoperation between OSM and Kubernetes-based Edge Platforms by Intracom Telecom**
- 5:25-5:30 pm CET **OSM#12 Ecosystem Day Wrap-up by OSM MARCOM**

OSM Release ELEVEN preview

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Release ELEVEN

Soon available at:
osm.etsi.org

SOL004 and SOL007 package formats

Brand-new support for Google Cloud
- Completing the infrastructure support for 3 largest public clouds

Google Cloud

Fine-grained operations in CNFs
- Start and stop services
- Run one-shot commands
- Files API

kubernetes

Better coordination across PNFs, VNFs, and CNFs
- Enhanced data exchange between NFs in the NS.

CNF monitoring from Kubernetes metrics
- Metrics collection from K8s clusters in centralized Grafana dashboard.

Enhanced installation process
- Support of Ubuntu 20.04 and better tracking of the installation process.

… and other improvements in usability and stability derived from the learnings of latest OSM production deployments

SOL004 & SOL007
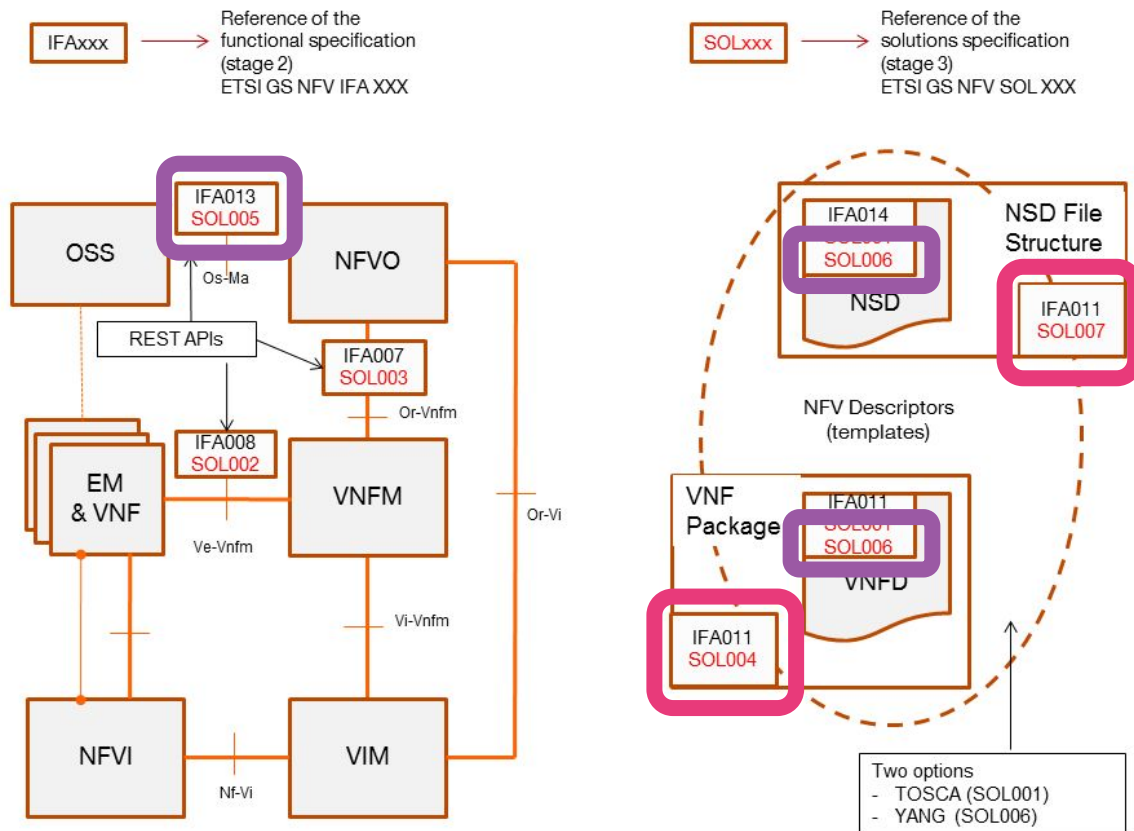
VIM plugin for Google Cloud

Bonus: Google Cloud as K8s Cluster

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Fine-grained operations in CNFs

Integration across PNF, VNF, and CNFs

Network Service
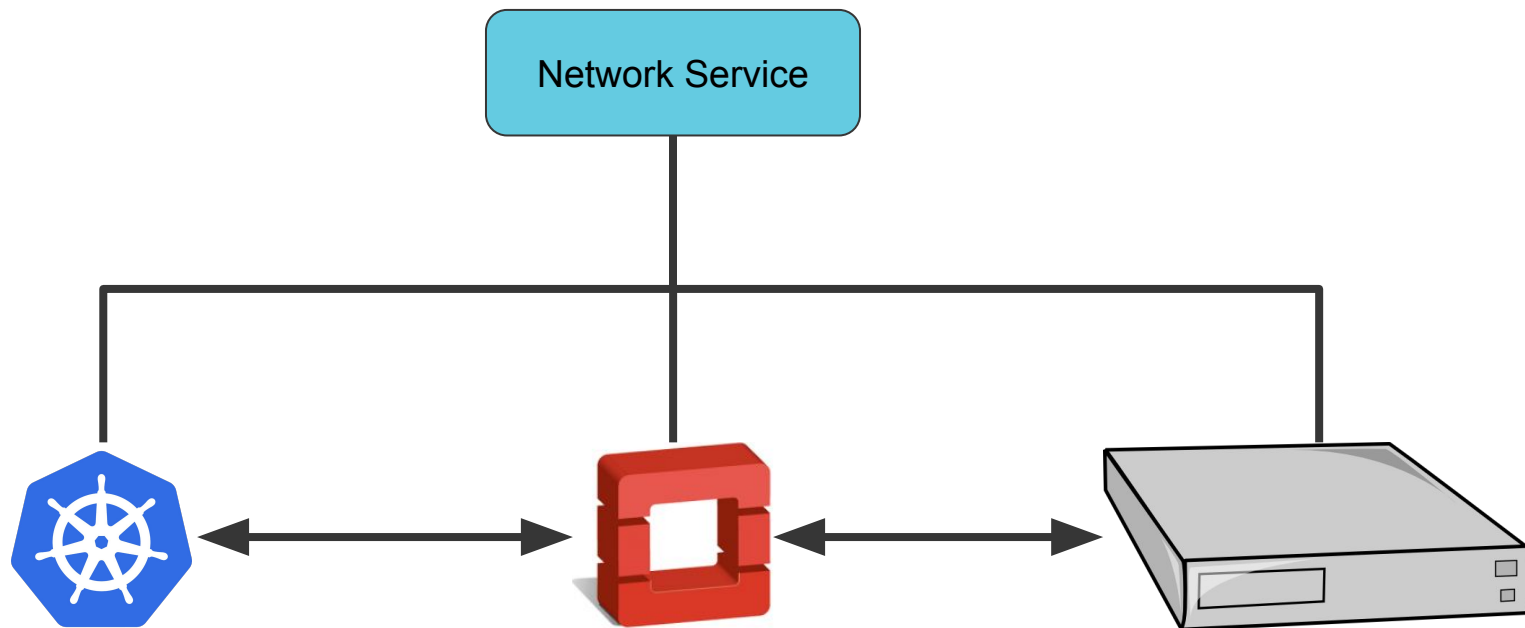
CNF Monitoring of Kubernetes
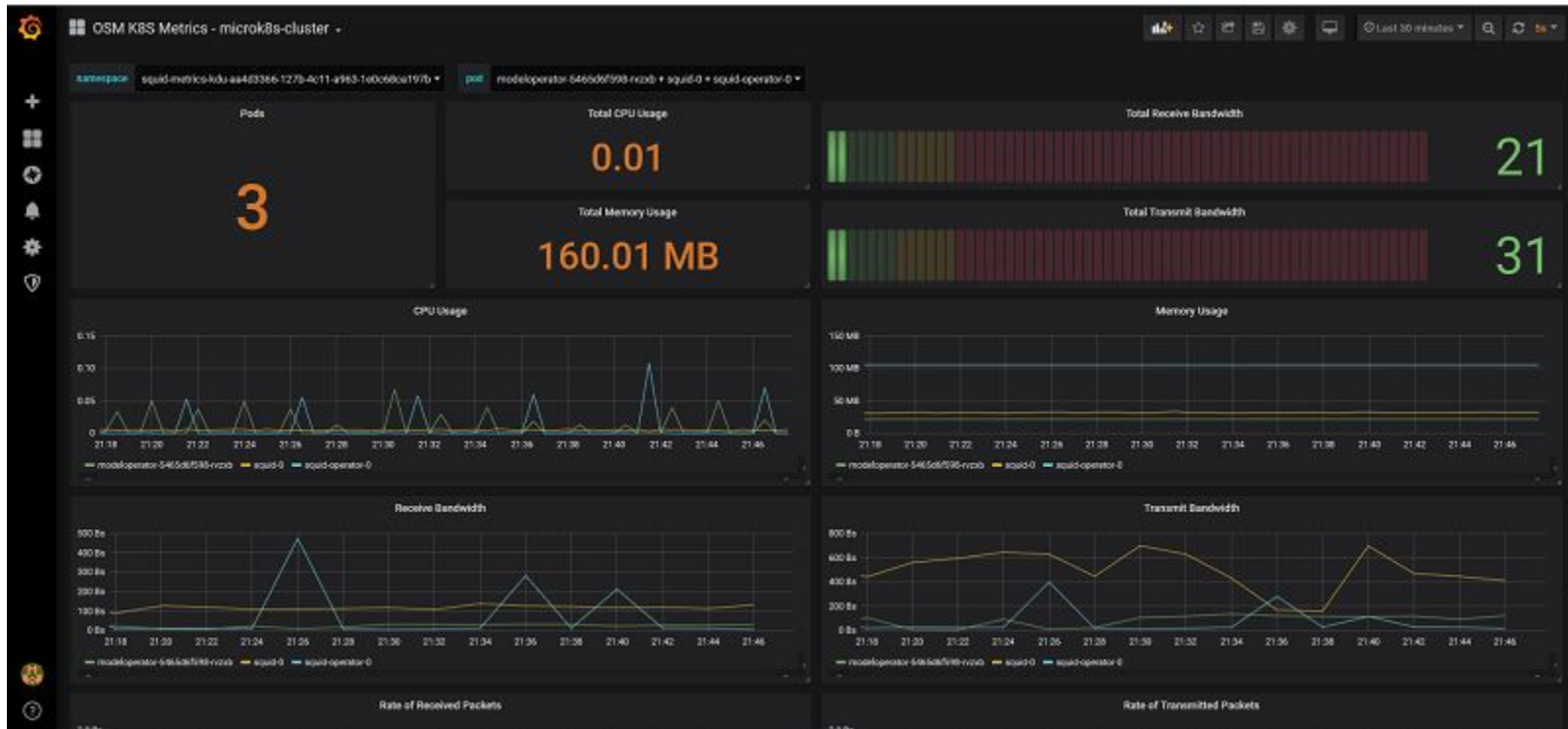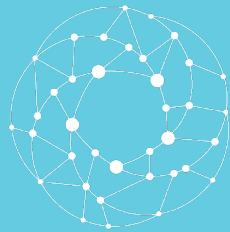
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Thank you
Questions?

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