

5GZORRO @ OSM12

Ecosystem Day



Open Source
MANO



Wednesday December 1st (2 - 6 pm CET)

Nov. 25th, 2021 – [5GZORRO](#) present at the [OSM12 Ecosystem Day](#), next 1st Dec.

During the next OSM Ecosystem Day, the organizations that comprise the [OSM Ecosystem](#) will share their experience with Open Source MANO and explain how it helps them achieve their goals. In such occasion, **5GZORRO** will hold a presentation on project activities on deployment and commercial initiative on:

"Marketplace-driven 5G network slices among multiple operators in 5GZORRO"

Partner **Pietro G. Giardina**, NFV/SDN Technical Project Manager, from [Nextworks](#), will be presenting the latest project's progress and outcomes regarding this new and innovative platform. Today, 5G networks are not very pervasive and expose quite limited capabilities for network slicing across multiple operators. To optimise CAPEX, interest is growing for telecom marketplace solutions which allow to procure digital products linked to 5G assets and services from different providers: spectrum, virtualized radio access, virtualized edge/core, VNF/CNFs, network slices, etc.

A key factor to the 5G marketplace model is its integration with zero-touch orchestration functions once these products are purchased. The **5GZORRO project** is developing such solutions with the final goal to implement **an open platform for zero-touch and cognitive orchestration, security, and trust in multi-party 5G networks**. For that, 5GZORRO uses Data Lakes, Artificial Intelligence (AI) solutions, Distributed Ledger Technologies (DLT) to establish Smart Contracts, intra-domain and inter-domain MANO, and monitoring solutions. In 5GZORRO, **ETSI OSM is used to implement the intra-domain NFVO functionality**.

This presentation will illustrate the main design artifacts of 5GZORRO, with a focus on how ETSI OSM is integrated within the platform. In particular, **ETSI OSM supports 5GZORRO workflows for discovery and product offering, network slice orchestration, service and infrastructure monitoring, and e-Licensing of VNF/CNFs**.

Other interesting demonstrations that will be shown during the event:

- ✚ Demonstration of P4-Based In-Band Telemetry for OSM-Orchestrated 4G/5G Testbeds by SimulaMET (Simula Metropolitan Centre for Digital Engineering)
- ✚ Demonstration of MEC Applications deployment with OSM by Whitestack & University of Bologna
- ✚ Demonstration of debugging mode for Charmed OSM by Canonical
- ✚ TEOSM - An Overview by Tata Elxsi
- ✚ Demonstration of PaaS-driven Interoperation between OSM and Kubernetes-based Edge Platforms by Intracom Telecom

To attend the **OSM#12 Ecosystem Day** please kindly register [here](#).



5GZORRO project aims to develop envisaged solutions for zero-touch service, network, and security management in multi-stakeholder environments (ubiquitous), making use of smart contracts based on Distributed Ledgers Technologies to implement required business agility.

The **5GZORRO Consortium is formed by 13 partners from 7 European countries** and funded by the **European Commission** under the **5G PPP Phase 3, Part 4: 5G Long Term Evolution programme**.

More info:

www.5gzorro.eu

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