OSM-MR#10 Hackfest
Welcome & Logistics
Silvia Almagia (ETSI)
Welcome to the OSM-MR#10 Hackfest!

- 1st hackfest on OSM Release NINE
  - 13th hackfest overall
  - 5th fully remote

- +30h of presentations, hands-on and demos
  - Lead by key OSM community members
  - For 140+ registered participants
## Agenda (CET)

<table>
<thead>
<tr>
<th>Time</th>
<th>8 Mar 2021</th>
<th>Tue 9</th>
<th>Wed 10</th>
<th>Thu 11</th>
<th>Fri 12</th>
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<td>9am</td>
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<td>10am</td>
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<td>11am</td>
<td>11am HD1.1 Welcome &amp; Hackfest Overview (Silvia, Mark)</td>
<td>11am HD2.1 OSM Primitives for VNFS (David)</td>
<td>11am HD3.1 High Performance</td>
<td>11am HD4.1 OSM Development</td>
<td>11am HD5.1 Building operators from the ground up (David)</td>
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<td>12pm</td>
<td>12pm HD1.2 Preparing our environment (Mark)</td>
<td>12pm HD2.2 Network Automation (scaling) (Mark, Subhankar)</td>
<td>12pm HD3.2 Placement</td>
<td>12pm HD4.2 Workflow Overview</td>
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<td>2pm</td>
<td>2pm HD1.3 Network Functions &amp; Services Modeling (Gerardo)</td>
<td>2pm HD2.3 K8s support in OSM (Gerardo)</td>
<td>1:30pm HD1.5 Checking our OSM</td>
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<td>3pm</td>
<td>2:45pm HD1.4 NFV SOL006 and Descriptor Translation (Alejandro)</td>
<td>3pm HD2.4 Orchestrating a CNF with Helm Charts (Gerardo)</td>
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<td>3pm HD4.5 Modifying OSM Code (Eduardo, Fabian)</td>
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<td>4pm</td>
<td>3:30pm HD1.5 Checking our OSM</td>
<td>4:30pm HD2.5 Orchestrating a CNF with Juju Bundles (David)</td>
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<td>3:30pm HD4.5 Debugging &amp; Running OSM Code (I) (Eduardo, Fabian)</td>
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<td>5pm</td>
<td>4:30pm HD1.6 OSM Primitives for VNFS (Mark)</td>
<td>5:30pm HD2.6 Intro to Juju Relations (David)</td>
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<td>4:30pm HD4.7 Ask Me Anything</td>
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**Ecosystem Day**

What’s new with OSM-MR#10 Hackfest

- **OSM Release NINE**
  - New IM, standardized descriptors
  - New features

- **New Challenge!**
  - You’ll become a Digital Service Provider the week
  - You’ll have to build your Network as a Service offering for small businesses
  - Create, Manage and Automate your network services with OSM

- **More developer oriented sessions**
  - How to write, deploy and debug your code in OSM
OSM-MR#10 Ecosystem Day

**Wednesday March 10th Afternoon (2:30 pm - 6:00 pm CET)**

- **2:30 - 2:35 Welcome to the OSM-MR#10 Ecosystem Day** by Mona Hrapkowicz, Flextronics & OSM MARCOM Lead
- **2:35 - 3:00 On the use of OSM to allow for automated network slice scaling in multi-site environments** by Jose Ordonez-Lucena, Technology Innovation and Ecosystem, Telefonica I+D
- **3:00 - 3:30 Demo: Model-driven Audit Trail Logs infrastructure for Telco VNFs** by Wajeeha Hamid, Product Manager OSM, Maciej Mazur, Product Manager Telco, Canonical
- **3:30 - 4:00 Realization of a public safety vertical use case based on OSM and aerial/vehicular NFV infrastructures** by Borja Nogales, PhD Student at Universidad Carlos III de Madrid and Miguel Silva, Researcher at Instituto de Telecomunicações Aveiro
- **4:00 - 4:30 Group Picture & Coffee Break**
- **4:30 - 5:00 Commercial VAS domain deployment over RHOSP NFVI governed by Open Source MANO** by Dr. Gürol Akman, CTO, Telenity
- **5:00 - 5:30 Demo: Vertical’s intent evolution at service runtime driving vCDN automated scaling** by Francesca Moscatelli, R&D Project Manager & NFV/SDN Architect, Nextworks
- **5:30 - 5:55 TeraFlow in the OSM ecosystem** by Dr. Ricardo Martínez, Senior Researcher, CTTC
- **5:55 - 6:00 OSM-MR#10 Ecosystem Day Wrap-up** by Mona Hrapkowicz, Flextronics & OSM MARCOM Lead
Logistics

- Join us every day on G2M
  - [https://www.gotomeet.me/OSMhackfest](https://www.gotomeet.me/OSMhackfest)
  - Please enter your name, surname & email
  - Use a headset
  - **Mute** yourself during the presentations & demos
  - Slides are made available in the [wiki](#)
  - Sessions are being recorded and will be posted on [YouTube](#)

- Ask questions any time on [Slack #hackfests](#) channel
  - Please create a dedicated thread for each issue
OSM Lab Access

HIVE

Hub for Interoperability and Validation at ETSI

VPN Client-to-Site Request

- We are providing a lab environment for the hands-on sessions
  - By now, you should have a VPN connection to HIVE
    - If you filed a request but never got a response, check your spam folder!!
  - Tenants will be allocated during the next sessions
  - Access will be removed at the end of the hackfest
Comms & Social Media

● You can follow OpenSourceMANO and this Hackfest on:
  ○ https://twitter.com/OpenSourceMANO
  ○ https://www.linkedin.com/company/OpenSourceMANO
  ○ https://www.youtube.com/c/OpenSourceMANO

● Share your thoughts, impressions, pictures or screenshots on social media, blog posts...
  ○ mentions are welcome!

@OpenSourceMANO #OSMhackfest #OSMecosystem
Group Picture!

• Will be taken on Wednesday afternoon, during the coffee break of the Ecosystem Day
• Bring your favourite T-shirt or swag !!
At the end of the week ...

- **A satisfaction survey** will be circulated
  - Please take 2 minutes to reply and leave us comments
  - Your feedback is precious!
- **e-certificates of participation** will be sent to participants who complete the week
- And .. if you liked the OSM experience.. **stay with us!**
  - Join the OSM community [https://osm.etsi.org/about/how-to-join](https://osm.etsi.org/about/how-to-join)
Enjoy the hackfest!

OSMsupport@etsi.org