OSM 3\textsuperscript{rd} Hackfest – Welcome

Gianpietro Lavado (Whitestack)
Welcome to 3rd OSM Hackfest

• Thanks Telenor for hosting the event!
• Thanks ETSI for the connectivity to HIVE

• WiFi (laptops):
  • SSID: etsi_telenor
  • Password: Expo2018!

• WiFi (mobile phones):
  • SSID: Telenor_Guest

• Question about logistics?
  • Contact Andres
Hackfest tutors

**Gianpietro Lavado**
Solutions Architect @ Whitestack
MON MDL and contributor

**Gerardo García**
Technology Expert @Telefónica GCTO Unit
TSC member, RO committer, DEVOPS committer and IM committer

**Adam Israel**
Software Engineer @ Canonical
N2VC MDL and contributor

**Eduardo Sousa**
Researcher and Software Engineer at Instituto de Telecomunicações (IT-Aveiro)
DEVOPS, IM, NBI and RO committer
Objectives

- Quick review on NFV and OSM Architectures
- Install OSM and run some examples
- Get familiar with OSM Release 4 new GUI and CLI
- Create your own VNF and NS descriptors and build packages
- Understand how to deploy NS/VNF with EPA
- Learn how to add dynamic LCM with Day-1 and Day-2 actions with charms
- Get familiar with current Performance and Event/Fault Management Capabilities
- Basic troubleshooting
## Agenda

<table>
<thead>
<tr>
<th>OSM-Hackfest#3 OSLO</th>
<th>MONDAY 25th June</th>
<th>TUESDAY 26th June</th>
<th>WEDNESDAY 27th June</th>
<th>THURSDAY 28th June</th>
<th>FRIDAY 29th June</th>
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<tbody>
<tr>
<td>09:00..10:30 (1h30)</td>
<td></td>
<td>Session 2.a</td>
<td>Session 4.a</td>
<td>Session 6.a</td>
<td>Session 7.c</td>
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<td>10:30..11:00 (0h30)</td>
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<td>COFFEE</td>
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<td>11:00..12:00 (1h)</td>
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<td>Session 7.d</td>
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<td>12:00 .. 13:00 (1h)</td>
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<td>Wrap-up</td>
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<td>13:00..14:00 (1h00)</td>
<td>REGISTRATION</td>
<td>LUNCH</td>
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<td>14:00..15:30 (1h30)</td>
<td>Session 0</td>
<td>Session 3.a</td>
<td>Session 5.a</td>
<td>Session 7.a</td>
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<td>15:30..16:00 (0h30)</td>
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<td>COFFEE</td>
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<td>16:00..17:00 (1h00)</td>
<td>Session 1</td>
<td>Session 3.b</td>
<td>Session 5.b</td>
<td>Session 7.b</td>
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<td>19:00 ..</td>
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<td>Social Gathering</td>
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OSM Hackfest relevant links

• Hackfest wiki page:
  • https://osm.etsi.org/wikipub/index.php/3rd_OSM_Hackfest

• Minutes will be captured here:
  • https://pad.etsi.org/p/OSM_3rd_Hackfest_2018

• Packages, images and other material:
  • https://osm-download.etsi.org/ftp/osm-4.0-four/3rd-hackfest/
OSM relevant links (1/2)

• Main page:
  • https://osm.etsi.org/wikipub/index.php/OSM_Release_FOUR

• Information Model:
  • https://osm.etsi.org/wikipub/index.php/OSM_Information_Model

• Creating your own VNF package:
  • https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_package

• EPA and SDN assist
  • https://osm.etsi.org/wikipub/index.php/EPA_and_SDN_assist
OSM relevant links (2/2)

• Adding VIM accounts:
  • Openvim:  
  • Openstack:  
  • VMWare vCloud Director:  
  • Amazon Web Services:  
Facilities for the Hackfest

• OSM servers:
  • osm-demo: 172.21.1.3
  • osm-plugtest1: 172.21.1.4
  • osm-plugtest2: 172.21.1.5
  • osm-hackfest1: 172.21.1.9
  • osm-hackfest2: 172.21.1.10

• Remote VIMs:
  • openstack1: 172.21.2.20
  • openstack2-epa: 172.21.2.22
  • openstack3: 172.22.25.9
Way of working

• Work in pairs

• Either your own OSM instances or the ETSI OSM servers

• Coordination of testing against VIMs will be gathered in the pad, together with minutes and Q&A:
  • https://pad.etsi.org/p/OSM_3rd_Hackfest_2018
Agenda for today

• Session 0. Introduction to NFV and OSM

• Session 1. Installation and first use
Open Source MANO

Find us at:

osm.etsi.org
osm.etsi.org/wikipub