OSM 2\textsuperscript{nd} Hackfest – Welcome

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Guillermo Calviño (Altran)
Welcome to 2\textsuperscript{nd} OSM Hackfest

- Thanks Intel for hosting the event!
- Thanks ETSI for the connectivity to HIVE

 WiFi:
  - SSID: OSM\_Hackfest
  - Password: WIFI4hackfest!

- Question about logistics?
  - Contact Jaime
Hackfest tutors

**Guillermo Calviño**
Network Engineer @Altran
RO and DEVOPS contributor

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

• Install OSM and run some examples
• Get familiar with OSM's 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
• Basic troubleshooting
# Agenda

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<th>2nd OSM Hackfest</th>
<th>MONDAY 19th March</th>
<th>TUESDAY 20th March</th>
<th>WEDNESDAY 21st March</th>
<th>THURSDAY 22nd March</th>
<th>FRIDAY 23rd March</th>
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<td>OSM Workshop @Zero Touch &amp; Carrier Automation Congress</td>
<td>Session 0</td>
<td>Session 3</td>
<td>Session 5</td>
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• Hackfest wiki page:
  • https://osm.etsi.org/wikipub/index.php/2nd_OSM_Hackfest

• Minutes will be captured here:
  • https://pad.etsi.org/p/OSM_2nd_Hackfest_2018

• Packages, images and other material:
  • https://osm-download.etsi.org/ftp/osm-3.0-three/2nd-hackfest/
OSM relevant links (1/2)

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

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

• 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:
  • Opervim:  
  • 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: 172.21.5.4
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:
Agenda for today

• Session 0. OSM Installation and first use

• Session 1. Creating a basic VNF and NS

• Session 2. Modeling multi-VDU VNF