

Open Source
MANO

OSM 2nd Hackfest – Welcome

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Welcome to 2nd 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

2nd OSM Hackfest	MONDAY 19th March	TUESDAY 20th March	WEDNESDAY 21st March	THURSDAY 22nd March	FRIDAY 23rd March
09:00 - 11:00			Session 0	Session 3	Session 5
11:00 - 13:00		OSM Workshop @Zero Touch & Carrier Automation Congress	Session 1		
13:00 - 14:00			LUNCH BREAK		
14:00 - 16:00			Session 1 (cont)	Session 4	
16:00 - 18:00			Session 2		

OSM Hackfest relevant links

- 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:
 - [https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_package_\(Release_THREE\)](https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_package_(Release_THREE))
 - [https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_charm_\(Release_THREE\)](https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_charm_(Release_THREE))
- EPA and SDN assist
 - https://osm.etsi.org/wikipub/index.php/EPA_and_SDN_assist

OSM relevant links (2/2)

- Adding VIM accounts:
 - Openvim:
[https://osm.etsi.org/wikipub/index.php/OpenVIM_installation_\(Release_THREE\)](https://osm.etsi.org/wikipub/index.php/OpenVIM_installation_(Release_THREE))
 - Openstack:
[https://osm.etsi.org/wikipub/index.php/Openstack_configuration_\(Release_THREE\)](https://osm.etsi.org/wikipub/index.php/Openstack_configuration_(Release_THREE))
 - VMware vCloud Director:
https://osm.etsi.org/wikipub/index.php/Configuring_VMware_vCloud_Director_for_OSM_Release_THREE
 - Amazon Web Services:
https://osm.etsi.org/wikipub/index.php/Configuring_AWS_for_OSM_Release_THREE

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

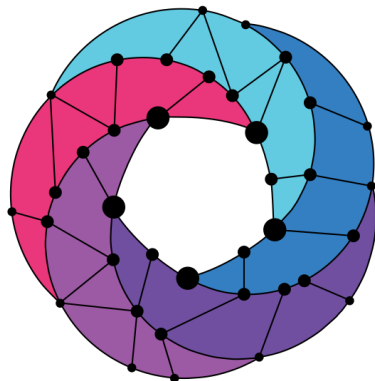
- Remote VIMs:
 - openstack1: 172.21.2.20
 - openstack2-epa: 172.21.2.22
 - openstack3: 172.21.5.4

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:
 - https://pad.etsi.org/p/OSM_2nd_Hackfest_2018

Agenda for today

- Session 0. OSM Installation and first use
- Session 1. Creating a basic VNF and NS
- Session 2. Modeling multi-VDU VNF



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Find us at:

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