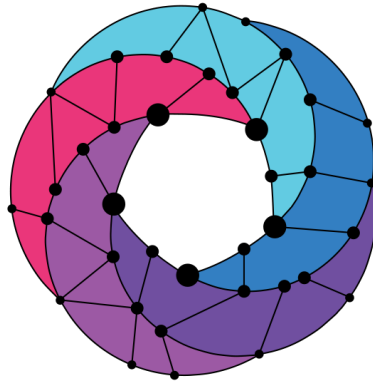




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OSM 3rd Hackfest – Welcome

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

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

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
 - [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_\(Release_FOUR\)](https://osm.etsi.org/wikipub/index.php/Openstack_configuration_(Release_FOUR))
 - VMware vCloud Director:
https://osm.etsi.org/wikipub/index.php/Configuring_VMware_vCloud_Director_for_OSM_Release_FOUR
 - Amazon Web Services:
https://osm.etsi.org/wikipub/index.php/Configuring_AWS_for_OSM_Release_FOUR

Facilities for the Hackfest

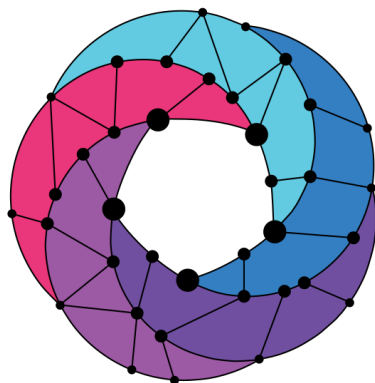
- OSM servers:
 - osm-demo: 172.21.1.3
 - osm-plugtest1: 172.21.1.4
 - osm-plugtest2: 172.21.1.5
 - osm-hackfest1: 172.21.1.9
 - osm-hackfest2: 172.21.1.10
- Remote VIMs:
 - openstack1: 172.21.2.20
 - openstack2-epa: 172.21.2.22
 - openstack3: 172.22.25.9

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



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Find us at:
osm.etsi.org
osm.etsi.org/wikipub