

Open Source
MANO

OSM 4th Hackfest – Welcome

José Miguel Guzmán (Whitestack)

Welcome to 4th OSM Hackfest

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



Agenda

OSM-Hackfest#4 Palo Alto	MONDAY 29 Oct	TUESDAY 30 Oct	WEDNESDAY 31 Oct	THURSDAY 1 Nov	FRIDAY 2 Nov
08:00..10:00 (2h)		Session 2: Creating a basic VNF and NS (BD)	Session 4: Adding day-0 configuration to your VNF (ES)	Session 6: OSM Fault & Performance Management (BD)	Session 7: Adding day-1/day-2 configuration to your VNF. Creating a charm for your VNF (ES)
10:00..10:30 (0h30)		COFFEE			
10:30..12:30 (2h)		Session 2: Creating a basic VNF and NS (BD)	Session 4: Adding day-0 configuration to your VNF (ES)	Session 6: OSM Fault & Performance Management (BD)	Tech / Hackfest Wrap up (Vanessa Little, VMware)
12:30..13:30 (1h)		LUNCH			
13:30..15:30 (2h)	Session 0: Introduction to NFV and OSM (JM)	Session 3: Modeling multi-VDU VNF (ES)	Session 5: Modeling EPA capabilities in your VNF descriptor (ES)	Session 7: Adding day-1/day-2 configuration to your VNF. Creating a charm for your VNF (ES)	
15:30..16:00 (0h30)	COFFEE				
16:00..18:00 (2h)	Session 1: OSM Installation and first use (BD)	Session 3: Modeling multi-VDU VNF (ES)	Session 5: Modeling EPA capabilities in your VNF descriptor (ES)	Session 7: Adding day-1/day-2 configuration to your VNF. Creating a charm for your VNF (ES)	
19:00 ..			Halloween Party by VMware		

Welcome to 4th OSM Hackfest

Connectivity

- WiFi
 - SSID: OSM Hackfest
 - Password: `WIFI4hackfest!`
- Wifi is already in **HIVE** test access to:
<http://172.21.7.4>



Welcome to 4th OSM Hackfest

Security and Access on Campus

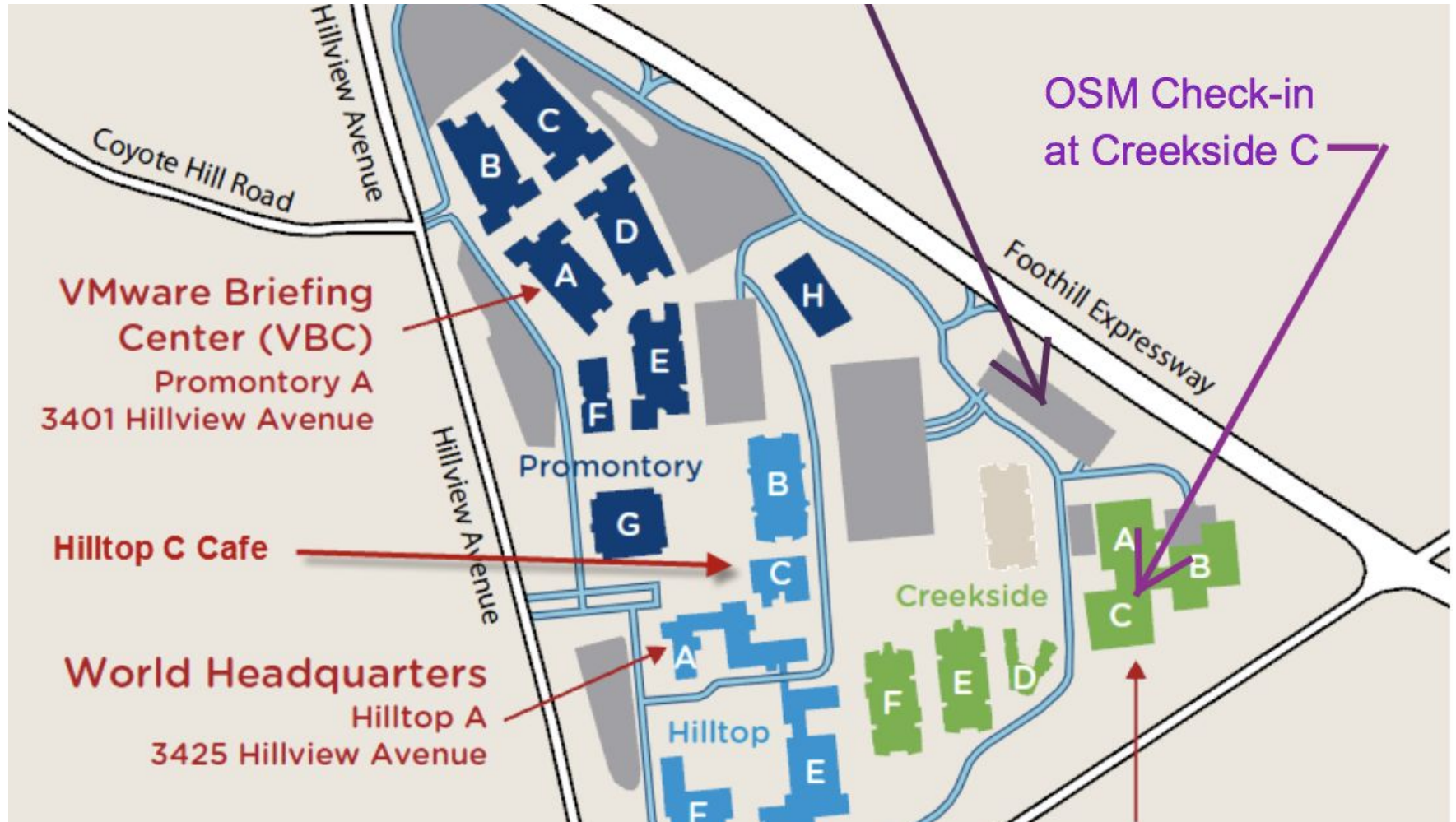
- Each morning, arrive in the Creekside Court lobby to pick up your updated badge.
BADGES EXPIRE DAILY
- You do not need an escort to enter and leave this building.
 - Hackfest is located here – Darwin room
 - Plenary is located here – Da Vinci room
 - Washrooms are steps from the meeting rooms

Welcome to 4th OSM Hackfest

Catering

- VMware is pleased to be hosting OSM as our guests, and offer the following hospitality services:
 - Continental Breakfast and Coffee each morning
 - Hot Lunch each day of the sessions (except Friday)
 - Afternoon Coffee and snacks
 - Coffee, Tea, Sodas and water available at any time in the break area.
- **Wednesday at 6:00 pm**, join us on campus at the Illy café (2 min walk from meeting rooms) for some beverages and appetizers as our Social Event .

Welcome to 4th OSM Hackfest



Hackfest tutors

Benjamín Díaz

Cloud Engineer @ Whitestack
MON and POL contributor



Eduardo Sousa

Cloud Engineer @ Whitestack
RO and Keystone contributor

José Miguel Guzmán

Senior Network Consultant @ Whitestack



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
- Have a preview of some **Release 5** features related to Performance and Fault Management
- Basic **troubleshooting**

OSM Hackfest relevant links

- Hackfest wiki page:
https://osm.etsi.org/wikipub/index.php/4th_OSM_Hackfest
- Minutes will be captured here:
https://pad.etsi.org/p/OSM_4th_Hackfest_2018
- **Presentations**, packages, images and other material:
<https://osm-download.etsi.org/ftp/osm-4.0-four/4th-hackfest/>

OSM relevant links (1/2)

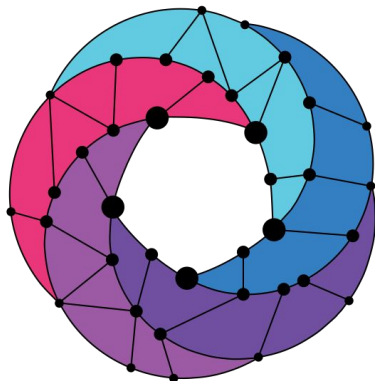
- Main page:
 - https://osm.etsi.org/wikipub/index.php/OSM_Release_FOUR
- Information Model:
 - https://osm.etsi.org/wikipub/index.php/OSM_Information_Model
- Creating your own VNF package:
 - https://osm.etsi.org/wikipub/index.php/Creating_your_own_VNF_package
- EPA and SDN assist
 - https://osm.etsi.org/wikipub/index.php/EPA_and_SDN_assist

OSM relevant links (2/2)

- Adding VIM accounts:
 - Openvim:
[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

Agenda for today

- 13:30 - 15:30
Session 0. Introduction to NFV and OSM
- 15:30 - 16:00
Break....
- 16:00 - 18:00
Session 1. Installation and first use



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