OSM 4th Hackfest – Welcome
José Miguel Guzmán (Whitestack)
Welcome to 4\textsuperscript{th} OSM Hackfest

• Thanks VMware for hosting the event!
• Thanks ETSI for the connectivity to HIVE
## Agenda

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

Connectivity

- WiFi
  - SSID: OSM_Hackfest
  - Password: WIFI4hackfest!

- Wifi is in 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:  

- 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:

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

- Creating your own VNF package:

- EPA and SDN assist
Adding VIM accounts:

- VMware vCloud Director: https://osm.etsi.org/wikipub/index.php/Configuring_VMware_vCloud_Direct or_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**
Find us at:

osm.etsi.org

osm.etsi.org/wikipub