OSM Hackfest – Welcome
Gerardo García (Telefónica)
Welcome to 1\textsuperscript{st} OSM Hackfest

• Thanks ETSI for hosting the event!

• WiFi:
  • SSID: OSM_Hackfest
  • Password: WIFI4hackfest!

• Question about logistics?
  • Contact Aurelie
Hackfest tutors

Adam Israel
Software Engineer @Canonical
VCA TF leader, DEVOPS committer and contributor to several modules

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
  • Special attention will be paid to troubleshoot real cases from co-located NFV Plugtests.
Agenda (re-scheduled)

<table>
<thead>
<tr>
<th>1st OSM Hackfest</th>
<th>MONDAY 15th January</th>
<th>TUESDAY 16th January</th>
<th>WEDNESDAY 17th January</th>
<th>THURSDAY 18th January</th>
<th>FRIDAY 19th January</th>
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</thead>
<tbody>
<tr>
<td>09:00 - 10:30</td>
<td>Session 1</td>
<td>Session 3</td>
<td>Session 4</td>
<td>TO BE DEFINED</td>
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<tr>
<td>10:30 - 11:00</td>
<td></td>
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<td>COFFEE BREAK</td>
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<td>11:00 - 12:00</td>
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<td>12:00 - 13:00</td>
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<td>Closing Session (Recap)</td>
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<td>13:00 - 14:00</td>
<td>REGISTRATION</td>
<td>LUNCH BREAK</td>
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<td>14:00 - 16:00</td>
<td>OSM 101 (introduction)</td>
<td>Session 2</td>
<td>Session 5</td>
<td>Session 5 (Cont)</td>
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<td>16:00 - 16:30</td>
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<td>COFFEE BREAK</td>
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<td>16:30 - 17:30</td>
<td>OSM 101 (installation and first use)</td>
<td>Session 2 (Cont)</td>
<td>Session 5 (Cont)</td>
<td>Session 5 (Cont)</td>
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<td>17:30 - 18:30</td>
<td>Troubleshooting OSM issues from Plugtests</td>
<td>Troubleshooting OSM issues from Plugtests</td>
<td>Troubleshooting OSM issues from Plugtests</td>
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<td>18:30 - ...</td>
<td>Social Event (Nice)</td>
<td>Buses leave @18:30</td>
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OSM Hackfest relevant links

• Hackfest wiki page:
  • https://osm.etsi.org/wikipub/index.php/1st_OSM_Hackfest

• Minutes will be captured here:
  • https://pad.etsi.org/p/OSM_Hackfest_2018

• Packages, images and other material:
  • https://osm-download.etsi.org/ftp/osm-3.0-three/1st-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:

  • Openvim:

  • 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
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_Hackfest_2018
Agenda for today

• Welcome
• OSM introduction
• OSM installation (Release THREE)
• OSM user experience