

# FIWARE Lab Nodes Management - 2015/12/15

## Meeting Information

<b>Date/Time of the Meeting:</b>	<b>2015/12/15- 10:00 AM</b>
<b>Inviting person:</b>	<b>Alfonso Pietropaolo</b>
<b>Purpose of the meeting:</b>	<b>Technical meeting for lab management issues</b>
<b>Phone details (if PhC):</b>	<p>Connect at:</p> <ol style="list-style-type: none"><li>1. Please join my meeting. <a href="https://global.gotomeeting.com/join/954082694">https://global.gotomeeting.com/join/954082694</a></li><li>2. Use your microphone and speakers (VoIP) - a headset is recommended. Or, call in using your telephone.</li></ol> <p>United States: +1 (619) 550-0006 Australia: +61 2 8355 1024 Austria: +43 (0) 7 2088 1403 Belgium: +32 (0) 38 08 1856 Canada: +1 (647) 497-9351 Denmark: +45 (0) 69 91 88 64 Finland: +358 (0) 942 41 5780 France: +33 (0) 182 880 459 Germany: +49 (0) 811 8899 6902 Ireland: +353 (0) 14 845 978 Italy: +39 0 553 98 95 67 Netherlands: +31 (0) 208 080 381 New Zealand: +64 (0) 9 909 7888 Norway: +47 21 03 58 98 Spain: +34 955 32 0845 Sweden: +46 (0) 313 613 557 Switzerland: +41 (0) 435 0167 09 United Kingdom: +44 (0) 20 3535 0610</p> <p>Access Code: 954-082-694 Audio PIN: Shown after joining the meeting</p> <p>Meeting ID: 954-082-694</p>

## Attendees

Please write your name in the table below if you are attending the meeting.

Name (company)	Infrastructure
Alfonso Pietropaolo	LAB
Silvio Cretti	LAB
Cristian CMECIU (ILB)	Lannion
Wojbor Bogacki (PSNC)	Poznan
Marco Cipriani (TI)	NA
Spyros Argyropoulos	Crete
José Ignacio Carretero (Telefónica)	Spain
Giuseppe Cossu	NA
Ioannis Igoumenos	UTH
Vicent Borja (iMinds)	Gent
ilknur Chulani	ATOS
Cristian Cristelotti	Trento


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# Minutes of meeting

## 1. Node status

Following nodes have issues in infographics:

Node	Status	Updated on
Poznan	<b>Node is fully operational.</b> Everything is OK. All 24 tests pass successfully. Infographics also looks OK.	15/12/2015
Crete	<b>Node is fully operational.</b>  Need some more information to install Ceilometer.	15/12/2015
Gent	<b>Node is fully operational.</b> All Public IP already assigned even the once for new 2 network testing. We are searching a solution for the IPv4 exhaustion problem on our node. IPv6 would be an option.  About the new 2 network tests, we need to reset the shared networks settings since we are not able to assign a public IP since user are already using it. We plan to do that in the next weeks, also installing new requirements for the new monitoring system.  MDVPN link contract is over. Which are the alternatives? (Ans: VPN to Red.es) - Already in contact to switch to VPN solution.	15/12/2015

	AP - fix reporting in infographics on public IPs - <a href="http://infographic.lab.fiware.org">http://infographic.lab.fiware.org</a> - We need to restore monitoring node, planned with the upgrade and hardware migration to Kilo.	
Sophia-Antipolis	<b>Node is fully operational.</b> Everything is OK. Improvement of Monitoring Nagios and quotas.	29/09/2015 - no one in the call
PiraeusU	<b>Node is fully operational.</b> [All Jira FLUA requests are processed.]	14/12/2015
PiraeusN	<b>Node is fully operational.</b> Had an issue with keystone failures in Fi-Health which has been resolved.	15/12/2015
Budapest	<p><b>Node is fully operational.</b> Everything is green - all the 29/29 tests passed successfully. Preparation of Kilo environment is still ongoing. New FLUA tickets are handled in short notice. Installation of ceilometer has been done.</p> <p>Cooling system was down on 1st January, and an unscheduled maintenance should have been done. Unfortunately, the backup cooling system did not start automatically. The problem was solved in short notice, but some services were temporarily unavailable.</p> <p>Performance issue experienced two weeks ago has been solved by restarting neutron node.</p> <p>Migration:</p> <ul style="list-style-type: none"> <li>• Migration of MyFarm's VMs from Berlin2 is DONE.</li> </ul> <p>Issue was reported on Blueprint instantiation:</p> <ul style="list-style-type: none"> <li>• <a href="https://jira.fiware.org/browse/CLD-869">https://jira.fiware.org/browse/CLD-869</a> CLOSED</li> </ul>	14/01/2016

	<ul style="list-style-type: none"> <li>• <a href="https://jira.fiware.org/browse/CLD-930">https://jira.fiware.org/browse/CLD-930</a> <ul style="list-style-type: none"> <li>○ CLOSED - SOLVED</li> <li>○ Some components can be deployed via Blueprint and some of them is not. Strange error...</li> <li>○ The ticket was CLOSED, and was reported that the issue was solved. However, we still get the same exception!!!</li> <li>○ It affects the closing of FLUA-1844: <a href="https://jira.fiware.org/browse/FLUA-1844">https://jira.fiware.org/browse/FLUA-1844</a></li> </ul> </li> </ul>	
Zurich	<p><b>Node is fully operational.</b> Looking into Kilo upgrade - having problems getting external access to new machines (complex story relating to move to new Data Centre). Still need to resolve public IP addr availability point in infographics - ODC is reporting correctly, but it seems there could be issue with NGSI adaptor - Fanis indicated that keepalive script could be causing problem but not clear why. Had some issues that the node was down for some time (amount of time unclear) - we observed this on eve of Sun 13/12/15 and it was remedied by morn of Mon 14/12/15.</p>	17/12/2015
Karlskrona	<p><b>Node is operational</b></p> <p><b>Node is partially operational,</b> Openstack has issues launching (move from Build to operational). Unclear why, investigating.</p> <p><b>Node is partially operational,</b> Openstack has issues launching (move from Build to operational). Unclear why, investigating.</p>	<p>15/12/2015</p> <p>24/11/2015</p> <p>17/11/2015</p>

	<p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node has problems creating VMs, we are investigating.</p> <p>Node is fully operational.</p>	<p>03/11/2015</p> <p>30/10/2015</p> <p>13/10/2015</p> <p>06/10/2015</p>
Volos	Everything is ok. No issues to report	15/12/2015
Lannion	<p>Node is fully operational. All support tickets were handled</p> <p>We reached 125 FLUA ticket approved.</p> <p>=&gt; Migration to Kilo:</p> <ul style="list-style-type: none"> <li>Preparing upgrade to Kilo: <ul style="list-style-type: none"> <li>We decided to upgrade to Kilo without any new hardware.</li> <li>We stopped the provisioning of VM over computes concerned to be used as controllers/computes for the new Kilo platform.</li> <li>We started emptying the concerned nodes, and to move the active VM to the active computes of our platform (the process is slow: mail to the client, confirmation from the client , snapshot and migrate).</li> </ul> </li> </ul> <p>=&gt; Sanity Check: OK</p> <p>=&gt; Help Ticket:</p> <ul style="list-style-type: none"> <li>All help Jira ticket resolved</li> </ul> <p>=&gt; Ceilometer:</p> <ul style="list-style-type: none"> <li><a href="#">NODEM-310</a>: Ceilometer installed on the prod node but not configured: we need instruction for a node in HA, we need the instruction for the configuration with Keystone.</li> </ul> <p>=&gt; Blueprint:</p> <ul style="list-style-type: none"> <li><a href="#">LAB-214/LAB-283</a>: Floating IPs not assigned to all</li> </ul>	15/12/2015

	<p>deployed tiers (on going). Bug related to nova deployed by fuel6.0. It should have been solved on sprint 4.4.3 released in sept the 30th</p> <p>=&gt; Object Storage:</p> <ul style="list-style-type: none"> <li>FIM-8: Problem Handling Quotas with swift : in progress</li> </ul> <p>=&gt; Block Storage:</p> <ul style="list-style-type: none"> <li>CP-49/CLD-820 : Cannot backup a volume from the CP: Scheduled 5.2 Release: 31/Mar/16</li> </ul> <p>=&gt; Images:</p> <ul style="list-style-type: none"> <li>(CLD-593/ <a href="#">HELP-3977</a>) : CentOS-7 image can't retrieve metadata. issue related with cloud init which incompatible with Neutron GRE on a HA node.</li> <li>(<a href="#">LAB-306</a>): GIS-3.3.3: at reboot, the instance stuck at grub page. Supposed to be solved on sprint 4.4.3 available on 30 sept with the new version GIS 4.4.3, but the image is not available yet in the catalogue</li> <li>GIS 3.3.3: available on images and in the catalogue</li> <li>GIS 4.4.3: available only in the catalogue</li> </ul>	
Trento	<p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Node fully operational. Everything green on Infographics. All tickets have been processed.</p> <p>Ongoing preparation for Kilo migration.</p>	<p>15/12/2015</p> <p>1/12/2015</p> <p>23/11/2015</p> <p>17/11/2015</p> <p>10/11/2015</p> <p>03/11/2015</p>
Spain	Migrated to Kilo.	15/12/2015



	<p>Updated Swift to kilo, making tests.</p> <p>Planned migration of new version of Keyrock by 10th December.</p> <p>256 new cores added.</p>	
Prague	<p><b>Node is fully operational.</b></p> <p>Everything is green, karma monitoring occasionally suffers from unrelated bugs. Kilo migration ongoing (waiting for the compatibility tests). Still performing CEPH performance tests.</p>	12/10/2015 - all green
Mexico	<p><b>Node is fully operational. Planned next months the installation of Ceilometer.</b></p> <p><b>Planned installation of Commercial Node by the beginning of next year.</b></p> <p><b>Possibility to increase computer capacity of adding new FIWARE Lab node.</b></p> <p>Waiting the new version of Monitoring Architecture to use it.</p>	01/12/2015
Sao Paulo	<p><b>Node is fully operational thanks to Giuseppe (CNET).</b></p> <p>Working to recover the Monitoring tools.</p>	01/12/2015
<i>ATOS-TEST</i>	<p><b>Installed Murano, having some issues in the verification stage (while trying to do the tests in the wiki page)</b></p>	15/12/2015

## 2. FIWARE LAB KARMA (updated 2015/12/14)

[https://docs.google.com/spreadsheets/d/1mHnw-2ci0UKNxsR6GxSLG0Sp38jL73iQWV4Jcz9f\\_J0/edit?pli=1#gid=1035878825](https://docs.google.com/spreadsheets/d/1mHnw-2ci0UKNxsR6GxSLG0Sp38jL73iQWV4Jcz9f_J0/edit?pli=1#gid=1035878825)

AP - Federico / Fernando / Silvio - Revise Karma calculation

- Open tickets part of Karma
- More relevant weight health checks

### 3. Report of FIWARE Lab Task Force

no news

### 4. Discontinued Nodes Migration

#### 4.1 Status

No nodes affected in the call

#### 4.2 Process

Step 1. Inform user lab users (two reminders sent) - Completed

User replies are here:

<https://docs.google.com/spreadsheets/d/1xPYsE0ykpFUhUkaZfY0cLFRDpXwVR5hxOI8g5b0b2AI/edit#gid=1976482541>

Step 2. Interested nodes (Berlin / Stockholm / Waterford) should get in contact with users that replied and

Need support: coordinate the migration with the user and the new node. Add the user to the new node in Account system and inform him that he has been granted access to the new node. Ask the node admins to apply quotas as the ones he had in the current node.

No need support: add the user to the new node in Account system and inform him that he has been granted access to the new node. Ask the node admins to apply quotas as the ones he had in the current node.

Step 3. Notify users that didn't reply, that if they don't take actions before 30/09/2015 their virtual machine will be removed. (Providing instructions on how to download images if needed would be good).

Thomas: What should happen with users that didn't answered the survey?

Send notification to users by mail, if they don't reply until end of September images can be

removed.

## 5. Ticket status (updated 2015/12/14)

NODE	TICKET	COMMENTS
Prague	<a href="#">HELP-5382</a>	21 days

## 6. Other questions

As mentioned in the call, Giuseppe is available to support current and new nodes in the OpenStack related issues.

What is going to happen with the cleanup script??? Now that our node is overbooked we could really use a cleanup of trial users. (Fanis - Neuropublic/PiraeusN)

## OPEN STACK MIGRATION PLAN

New Migration Plan in order to upgrade nodes to Kilo version.

<https://docs.google.com/document/d/1zmFAB4cFW8uYZ00wwyexH5tW0idw-y5c2IDjIh3W8/edit?usp=sharing>

ILB: Is there any Region/Node who were able to work on migrating user's data from swift from 1 node to another? (Riwal: It seems, people cannot hear me on the call)

## NEW INFOGRAPHIC:

<http://infographic.lab.fiware.org/>

## 7. Old Activities

<https://lists.fiware.org/listinfo/fiware-cloud>

(please check and update your current version)

old plan:

<https://docs.google.com/document/d/1jqypqp5Wf6dJgQufqVJicXDcJpoL1ajTPjjYtnQn-sw/edit>

## **FREEING OF RESOURCES**

<https://docs.google.com/a/create-net.org/spreadsheets/d/1xMmcTPP5FmlqlkBjm4igg58m7GaZvN2spXZflhF7Q4U/edit#gid=0>

## **INTERNAL COMMUNITY ACCOUNTS**

[https://docs.google.com/document/d/1g4y1sSvNLzxISxDneY5X5noT9dMZI1GC\\_QKVwb3Dr6l/e dit?usp=sharing](https://docs.google.com/document/d/1g4y1sSvNLzxISxDneY5X5noT9dMZI1GC_QKVwb3Dr6l/e dit?usp=sharing)

## **Action Points**

Number	Description	Owner	Deadline	Status
#1	Every meeting create a status of open tickets for users. <ul style="list-style-type: none"><li>- General</li><li>- Node per node</li></ul>	Alfonso	13/10/2015	Done
#2	Revise karma to include open tickets	Federico + Fernando + Silvio	13/10/2015	Ongoing
#3	Contact discontinued nodes about tenant migration	Federico	06/10/2015	Done
#4	Create a Google drive with all	Alfonso	13/10/2015	Done

	minutes and share it			
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