

Meeting Information

FIWARE Lab Nodes Technical Meeting

Date/Time of the Meeting:	2017-05-02 - 15:00 PM CET
Inviting person:	Alfonso Pietropaolo
Purpose of the meeting:	<p>Technical meeting for lab management issues and sprint planning/closing activities.</p> <p>Today's call will focus on the Sustainability of FIWARE Lab.</p>
Phone details (if PhC):	<p>FIWARE Lab nodes</p> <p>Please join my meeting from your computer, tablet or smartphone.</p> <p>https://global.gotomeeting.com/join/995110253</p> <p>You can also dial in using your phone.</p> <p>Germany: +49 692 5736 7210</p> <p>Access Code: 995-110-253</p> <p>First GoToMeeting? Try a test session: http://help.citrix.com/getready</p>

Attendees

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

	Node	Attendees Name	Company
1	Brittany	Cristian Cmeciu	Orange
2	Budapest		
3	Crete	Spyros Argyropoulos	TUC
4	Genoa	Matteo Repetto	UNIGE/CNIT
5	Hannover	Giovanni Coppa, Tobias Löb	Netzlink
6	Lannion	Cristian Cmeciu	Pole I&R
7	Mexico		
8	PiraeusU	Dimitris Kelaidonis	UPRC (PiraeusU)
9	Poznan		
10	Sao Paulo		
11	SophiaAntipolis	Philippe MANUEL, Sébastien LEFEUVRE	Com4Innov, TASGROUP
12	Spain	Fernando Lopez, José I. Carretero	
13	SpainTenerife	Roberto Gil	AtoS

15	Vicenza	Mauro Pecetti, Davide Dalle Carbonare	Engineering
16	Volos	Ioannis Igoumenos(Volos)	UTH
17	Wroclaw		
18	Zurich	Bruno Grazioli, Sean Murphy	ZHAW
	FIWARE Lab team	Attendees Name	Company
#	FIWARE LAB TEAM	Alfonso Pietropaolo	Engineering
#	FIWARE LAB TEAM	Daniele Santoro	FBK
#	FIWARE LAB TEAM		
#	FIWARE LAB TEAM		
	Other Attendees (Business or Project Role)	Attendees Name	Company
#	Messina node	Giovanni Merlino	University of Messina
#	ENG representative	Laura Pucci	Engineering
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Minutes of meeting

1. Node status

	Node	Status	Updated on
1	Budapest	Budapest2 and 3 are green on sanity check Budapest3 is operating on the top of Liberty with limited resources at the moment. We also helped Brittany node to configure their Liberty environment (Glance component).	17/01/2017
		Budapest2 is green on sanity check.	13/12/2016
		Budapest2 is green on sanity check. The site is also shown on infographic. We are waiting for user reply for HELP-7686.	24/11/2016
		Budapest2 is green on sanity check.	08/11/2016

		<p>But it does not seem on the infographic.</p> <p>Budapest2 is green on sanity check.</p>	25/10/2016
		<p>Budapest2 is green on sanity check.</p> <p>We are correcting the deliverable right now, it will be finished today.</p> <p>Commercial site is corrected according to the comments.</p>	18/10/2016
		<p>Budapest2 is green on sanity check.</p>	11/10/2016
		<p>Budapest2 is green on sanity check.</p> <p>Commercial offer is available.</p>	04/10/2016
		<p>Budapest2 is green on sanity check</p> <p>There are some configuration issues with Budapest3 we have to solve before finalizing the federation.</p>	27/09/2016
		<p>Budapest2 is fully operational, sanity is green.</p> <p>Budapest3 info for sanity will be sent this afternoon after our meeting.</p> <p>There were problems with our storage node, and because of it there were some delays.</p> <p>Commercial node in progress (liberty).</p> <p>Budapest2 sanity history is not shown on the</p>	20/09/2016

		<p>infographics - mail sent.</p> <p>Failed on Sanity Check</p> <p>Node is fully operational.</p> <p>Federation of the new env. Is on going.</p> <p>Node is fully operational.</p> <p>Some issues were experienced with the sanity check of Swift component. However, the service seems working correctly. The issue is under investigation.</p> <p>New OpenStack instance is planned to be federated this week.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Failed on Sanity Check (SOLVED)</p> <p>Some API not reachable, but the user's VMs are working.</p>	<p>19/07/2016</p> <p>12/07/2016</p> <p>21/06/2016</p> <p>07/06/2016</p> <p>31/05/2016</p> <p>24/05/2016</p> <p>17/05/2016</p> <p>10/05/2016</p> <p>26/04/2016</p>
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	<p>Node is fully operational. Issues with Swift were reported last Friday. The problem has been solved. However, we are now analyzing the logs to figure out what was its root cause.</p>	19/04/2016
	<p>Node is fully operational.</p>	12/04/2016
	<p>Node is fully operational.</p>	05/04/2016
	<p>Node is fully operational.</p>	22/03/2016
	<p>Node is fully operational. About the Jira ticket: we migrated the 5 VMs (Fractals) from PiraeusN.</p>	08/03/2016
	<p>Node is fully operational. We have 1-2 errors on the Sanity Check. The errors are the 'phoneHome' error, that was earlier in the XiFi federation. About the 2 Jira tickets:</p> <ul style="list-style-type: none"> - 5850: we wait for the answer of the user - 5972: the migration of the instances is finish, and we work on the migration of the volumes. 	01/03/2016
	<p>We have some issue on our Node:</p> <ul style="list-style-type: none"> - 2 blades are unreachable (SOLVED) 	

		<ul style="list-style-type: none"> - the controller has high load, because the Contextbroker, we restarted it (SOLVED) - in neutron log we found some keystone authorization failed (SOLVED) <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Object storage performance issue was reported by one of our users that is under investigation.</p> <p>Node is fully operational.</p> <p>Support keys have been uploaded and the related ticket has already been closed.</p> <p>Node is fully operational.</p> <p>Some minor issues were reported after the unscheduled maintenance, all of them have been processed and solved.</p> <p>A potential security leak was reported by our audit system: mongodb ports on some VMs were open for the entire Internet, breaking the internal security policy of our institute. We asked the users to limit the IP range from which these ports can be accessed, until then we blocked the access on these ports.</p> <p>Node is fully operational.</p>	<p>23/02/2016</p> <p>16/02/2016</p> <p>02/02/2016</p> <p>18/01/2016</p> <p>12/01/2016</p>
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		<p>We had some problem with our cooling system in the new year. After that, we lost one blade node, but now everything works well.</p> <p>Node is fully operational. 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>No issue was reported in the last week. (21/12/2015)</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">● Migration of MyFarm's VMs from Berlin2 is DONE. <p>Issue was reported on Blueprint instantiation:</p> <ul style="list-style-type: none">● https://jira.fiware.org/browse/CLD-869 CLOSED● https://jira.fiware.org/browse/CLD-930<ul style="list-style-type: none">○ CLOSED - SOLVED○ Some components can be deployed via Blueprint and some of them is not. Strange error...○ The ticket was CLOSED, and	21/12/2015
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		<p>was reported that the issue was solved. However, we still get the same exception!!!</p> <ul style="list-style-type: none"> ○ It affects the closing of FLUA-1844: https://jira.fiware.org/browse/FLUA-1844 	
2	Crete	<p>Node is fully operational. Tickets for Sprint 6.3.1. closed.</p> <p>Node is fully operational. Tickets for Sprint 6.2.3. closed.</p> <p>Two tickets created (Node maintenance, users support) for Sprint 6.2.3.</p> <p>Node is fully operational. Two tickets created (Node maintenance, users support) for Sprint 6.2.2</p> <p>Migration to Kilo completed. Node is fully operational.</p> <p>Finally, succeeded to install Monasca Agent using virtual_env.</p> <p>He have connection with keystone proxy and the FiwareLab portal for the region of Crete.</p>	<p>02/05/2017</p> <p>28/03/2017</p> <p>07/03/2017</p> <p>14/02/2017</p> <p>21/06/2016</p> <p>07/06/2016</p>

		<p>Migration to KILO on going:</p> <ul style="list-style-type: none"> - New openstack installation using Fuel 7.0, with 1 Controller, 3 Computes + Cinder, Ceilometer, Murano, no swift, no ceph, no HA. Health Checks OK. - Ceilometer, Murano (configuration??) - Ready to change configuration for Keystone proxy connectivity. Changes in our endpoints. <p>Problem with our connection with MD-VPN (Solved).</p> <p>Scheduled Migration to KILO: 10/05/2016</p> <p>Problem with Infographic since 28/04/2016: probably a routing problem with MD-VPN</p>	
3	Genoa	<p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p> <p>Node is fully operational.</p>	<p>02/05/2017</p> <p>04/04/2017</p> <p>28/03/2017</p> <p>14/03/2017</p> <p>07/03/2017</p> <p>28/02/2017</p> <p>14/02/2017</p>

		<p>Node is fully operational. New users: https://jira.fiware.org/browse/FLUA-2989 https://jira.fiware.org/browse/FLUA-2999</p> <p>Node is fully operational.</p> <p>Node is fully operational. 448 cores. 1 TB RAM, 24TB storage. Few days ago, we had sanity-check problems due to some networking maintenance on new compute nodes.</p> <p>Node is fully operational. Genoa Node Lot3 HW installation https://jira.fiware.org/browse/LAB-964 completed. Now CPU/RAM/storage Genoa node is: 448 CPU cores, 1TB RAM, 24TB storage !</p> <p>Today solved sanity-check issue, see details: https://jira.fiware.org/browse/LAB-1063?focusedCommentId=57493&page=com.atlassian.jira.plugin.system.issuetabpanels:comment-tabpanel#comment-57493</p>	<p>07/02/2017</p> <p>17/01/2017</p> <p>13/12/2016</p> <p>24/11/2016</p>
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		<p>Node is fully operational.</p> <p>Open tasks: User support: https://jira.fiware.org/browse/LAB-1051</p> <p>Maintenance (new servers installation) https://jira.fiware.org/browse/LAB-1063 https://jira.fiware.org/browse/LAB-1052 https://jira.fiware.org/browse/LAB-1064</p> <p>Node is fully operational.</p> <p>Genoa Node Lot3 HW installation https://jira.fiware.org/browse/LAB-964 The new hw installation have to be completed. We can't proceed because the temporarily delivery delay of networking switch HW component, necessary to link new servers, with the goal of duplicate CPU/RAM/storage Genoa node capacity, soon achieving: 512 cores, 1TB RAM, 24TB storage.</p> <p>Solved Issues PhoneHome issue: https://jira.fiware.org/browse/LAB-1038 https://jira.fiware.org/browse/HELP-7670</p>	8/11/2016
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		<p>Successfully Closed Issues:</p> <p>FIWARE.Request.Lab.FIWARE.telefonica.netw ork.IP.filtered: https://jira.fiware.org/browse/HELP-7566 https://jira.fiware.org/browse/HELP-7551</p> <p>libvirt>=1.2.21 solved the “rbd backend non supported” issue, Now monasca measurements are all green in monitoring tool tests. https://jira.fiware.org/browse/LAB-860 https://jira.fiware.org/browse/LAB-957</p> <p>Sanity check fails, maybe a keystone authentication issue (troubleshooting ongoing). See: https://jira.fiware.org/browse/HELP-7551</p> <p>No news. Open tasks: HW installation: https://jira.fiware.org/browse/LAB-860</p> <p>Problems with Infographic/Monitoring Tool: https://jira.fiware.org/browse/LAB-957 https://jira.fiware.org/browse/LAB-964</p> <p>LOT3 HW update: 1 Storage Node + 4 compute node servers</p>	<p>25/10/2016</p> <p>18/10/2016</p> <p>10/10/2016</p> <p>04/10/2016</p> <p>27/09/2016</p>
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	<p>arrived today. Asap Installation and deploy. https://jira.fiware.org/browse/LAB-964</p> <p>Monitoring/Infographic: work in progress verifications on some VM measurements lack warnings. https://jira.fiware.org/browse/LAB-860</p> <p>Monitoring/Infographic: we are investigating some monasca agent tunings/configs issues: https://jira.fiware.org/browse/LAB-860</p> <p>Node is federated. Monitoring/Infographic: Sanity checks in productions are 'green', maybe a false positive; with new monitoring tool in test, the status detail report a 'yellow' emerged (neutron metadata): we are investigating some monasca agent tunings/configs too: https://jira.fiware.org/browse/LAB-860</p> <p>Federation: done. (closed task: https://jira.fiware.org/browse/LAB-660)</p> <p>Monitoring tools: Installed.</p> <p>Infographic: work in progress (opened task: https://jira.fiware.org/browse/LAB-860)</p>	<p>20/09/2016</p> <p>19/07/2016</p> <p>12/07/2016</p> <p>21/06/2016</p> <p>07/06/2016</p> <p>31/05/2016</p> <p>24/05/2016</p> <p>17/05/2016</p>
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		<p>Node now upgraded with new servers. Federation in progress (updating configuration files).</p> <p>Federation in progress & installing batch 2 new nodes.</p> <p>Added new HW; federation process is incoming.</p> <p>Working on system installation with OPS-Deploy / solving HW config issues.</p> <p>Starting system installation with OPS-Deploy</p> <p>Setting-up rack system & hardware.</p>	
4	Hannover	<p>Node is fully operational. Sanity Checks are passing.</p> <p>Node is fully operational. Sanity Checks are passing. New User on Fiware Lab activated.</p> <p>Node is fully operational. Sanity Checks are passing.</p> <p>Node is fully operational. Sanity Checks are passing.</p> <p>Node is fully operational. Sanity Checks are passing.</p> <p>Node is fully operational. Sanity Checks are passing. Network Problems (SOLVED) Currently Updating Monitoring Systems (5.4.2 of FIWARE Lab Monitoring)</p> <p>Sanity Check failed (2 Tests)</p>	<p>02/05/2017</p> <p>28/02/2016</p> <p>07/02/2016</p> <p>24/11/2016</p> <p>08/11/2016</p> <p>25/10/2016</p>

		<p>Troubleshooting some openvswitch issues with the shared network.</p> <p>Sanity Check Metadata Agent failing Installation of the new Monitoring System is ongoing (Issues with the Keystone Auth) https://jira.fware.org/browse/LAB-654</p> <p>Node is fully operational. Sanity Checks are passing.</p> <p>Monasca-Plugin is installed, but not compatible with Liberty version. Our devs are migrating the plug-in to support Liberty.</p> <p>Federated ---> <u>NO ! IT IS NOT FEDERATED</u> fiware-lab-federation-nodes@lists.fware.org</p>	<p>11/10/2016</p> <p>19/07/2016</p> <p>12/07/2016</p> <p>20/05/2016</p>
5	Lannion	<p>Lannion Node is fully operational.</p> <p>We have started the project migration from Lannion3 to Lannion4.</p> <p>Lannion3 Node in Kilo:</p> <ul style="list-style-type: none"> • Sanity checks: OK • Infographic: OK <p>Lannion4 Node in Liberty:</p> <ul style="list-style-type: none"> • Sanity checks: OK • Infographic: waiting for support to install the monitoring system in Liberty <p>=> Tickets: Pending migration tickets. Sprint planning 6.3.2 - done</p>	02/05/2017
6	Messina	<p>Node is up and running but we still have to enter the federation. At the moment we are missing a confirmation about the health checks results that Fernando Lopez should have done on our node.</p> <p>Unfortunately the installed chiller is not</p>	<p>14/12/2016</p> <p>28/07/2016</p>

		<p>completely reliable and needs other maintenance works which should be done during August. We will come back at work on August 29th.</p> <p>The chiller is finally installed in our infrastructure but before starting we need to have it certified by a technician in order to verify all the parameters and he should give us a feedback before Friday. Sorry for this delay but it is only a bureaucratic issue now.</p> <p>The broken chiller is being substituted in these days. They started working yesterday and in a couple of days the chiller will be ready.</p>	<p>19/07/2016</p> <p>12/07/2016</p>
7	Mexico	<p>Node is green on sanity check.</p> <p>Node is green on sanity check.</p> <p>Some users have issues when they try to connect using port 22.</p> <p>Node is green on sanity check.</p> <p>Node is fully operational.</p> <p>Problems with monitoring components, not reporting data.</p>	<p>07/03/2017</p> <p>21/02/2017</p> <p>14/02/2017</p> <p>14/02/2017</p> <p>07/02/2017</p>
8	PiraeusU	<p>Node is under maintenance for update of some packages for the monitoring module installation.</p> <p>Jira tasks for the sprint 6.3.2 have been defined.</p>	<p>02/05/2017</p>

9	Poznan	<p>Node is operational, but 2 Fails on Sanity Check. We do not plan update and monitoring system, so we are not visible on Infographics.</p>	2017-04-04
		<p>Node is operational, but 2 Fails on Sanity Check. We do not plan update and monitoring system, so we are not visible on Infographics.</p>	2017-03-28
		<p>Node is operational, but 2 Fails on Sanity Check. We do not plan update and monitoring system, so we are not visible on Infographics.</p>	2017-03-14
		<p>Node is operational, but 2 Fails on Sanity Check We have 2 fails on Sanity Check, and we are working to eliminate these fails. Infographics looks ok</p>	2017-02-21
		<p>Node is operational, but 2 Fails on Sanity Check We have 2 fails on Sanity Check, and we are working to eliminate these fails. Infographics looks ok</p>	2017-02-06
		<p>Node is fully operational. We have one ticket blocked.</p>	2016-12-13
		<p>Failed on Sanity Check We have some problems with management network. We are working to solve these issues.</p>	2016-11-08
			24-10-2016

		<p>Failed on Sanity Check We are working to make green all test in sanity check</p> <p>17-10-2016</p> <p>Node is fully operational, all tests passed. Infographic look ok. Karma Points are 'green'</p> <p>11-10-2016</p> <p>Failed on Sanity Check We are still working to solve network problem with main switch</p> <p>04-10-2016</p> <p>Failed on Sanity Check Some issues with network part - main switch problem. We are working to solve it.</p> <p>20/09/2016</p> <p>Node is fully operational, all tests passed. Infographic look ok.</p>	
10	Prague		
11	Sao Paulo	<p>Node is fully operational.</p> <p>Migrating infrastructure, data center and connectivity.</p>	07/02/2017

12	Sophia-Antipolis	<p>Node is fully operational for sprint Sanity Health check is green Tickets: none Questions: none operational.Tickets for Sprint 6.3.1. Closed</p>	02/05/2017
			04/04/2017
			28/03/2017
		<p>Node is fully operational Sanity Health check is green Tickets: none Questions: none</p>	14/03/2017
			07/03/2017
		<p>Node is fully operational Sanity Health check is green Tickets: none Questions: none</p>	
		<p>Node is fully operational</p>	28/02/2017
		<p>Solved issues : bug fixed in the registration process of the sanity check portal https://jira.fiware.org/browse/LAB-8363</p>	
		<p>Node is operational, but : Fi-health Sanity Check tests all failing since last March 4th, and we are working to eliminate</p>	

		<p>these fails. Infographics reports Sanity Check status not ok</p> <p>Tickets: none Questions: none</p>	21/02/2017
		<p>Node SophiaAntipolis2 is locally fully operational.</p> <p>However Infographics is unable to retrieve services node status since this morning, it looks to be the same for all nodes. Issue reported to Daniele.</p>	14/02/2017
		<p>Sanity Health check is green</p> <p>Tickets: none Questions: none</p>	07/02/2017
		<p>Node SophiaAntipolis2 is fully operational. Sanity Health check is green</p> <p>Tickets: none Questions: none</p>	17/01/2017
		<p>Node SophiaAntipolis2 is fully operational. Sanity Health check is green</p> <p>Tickets: none Questions: none</p>	12/12/2016
		<p>Node SophiaAntipolis2 is fully operational. Sanity Health check is green</p> <p>Tickets: none Questions: none</p>	24/11/2016

		<p>Node SophiaAntipolis2 is fully operational. Sanity Health check is green Tickets: none Questions: none</p> <p>Node SophiaAntipolis2 is fully operational. Sanity Health check is green Node is not shown into Infographics page Sanity stats status are grey for the node</p> <p>Node SophiaAntipolis2 is fully operational. Sanity check is green</p> <p>Node SophiaAntipolis2 is fully operational. Sanity check is green</p> <p>Node SophiaAntipolis2 is fully operational. Sanity check is green Yesterday one sanity check timed out due to network congestion infographics status is partially OK : Help-desk ticket HELP-7669 created and closed</p>	<p>08/11/2016</p> <p>25/10/2016</p> <p>18/10/2016</p>
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		<p>Node SophiaAntipolis2 is fully operational. Sanity check and infographics status are green</p> <p>Node SophiaAntipolis2 is fully operational. Sanity check and infographics status are green</p>	
13	Spain	<p>Node fully operational.</p> <ul style="list-style-type: none"> - We're planning new HW interventions by the week of 18th April. -- We cannot postpone them much longer - Upgraded to the last Kilo Version the whole node. - New migrations from Trento2 (only 1 Tenant left to be migrated) -- Waiting for the owner's instructions. 	04/04/2017
14	SpainTenerife	<p>Node fully operational. Fi-health tests all pass.</p> <ul style="list-style-type: none"> - Change scheduled on 29/03 run. It seems still didn't fix the issue with the overcommitting of disk resources. Next investigation line is, currently checking if the max_values are being applied by the 	04/04/2017

		<p>scheduler when scheduling node for workload deployment.</p>	28/03/2017
		<p>Node fully operational. Fi-health tests all pass.</p>	17/01/2017
		<ul style="list-style-type: none"> - Scheduled change in nova service for modifying disk capacity reporting. Will run 29/07. No downtime expected 	18/10/2016
		<p>Node fully operational. Fi-health tests all pass.</p>	11/10/2016
		<ul style="list-style-type: none"> - Reviewing disk monitoring value reported 	04/10/2016
		<p>Node fully operational. Fi-health tests all pass.</p>	
		<p>Node fully operational. Fi-health tests all pass.</p>	
		<p>Node fully operational. Monitoring issue is fixed, now the correct hdd values are reported. But we are not able to see the sanity test results.</p>	20/09/2016
		<p>Sanity tests are all ok.</p>	18/07/2016

		<p>Have an issue in Infographics, where incorrect amount of resources are reported. Not sure if this is an issue with the configuration or the implementation. Team investigating.</p>	21/06/2016
		<p>FI-Infographics finally showing values for cores etc. although it seems not all values are retrieved, we need to add more nodes to the monitoring.</p>	31/05/2016
		<p>Some FI-health tests failing intermittently, we are investigating.</p>	
		<p>Monasca monitoring does not work. Compute nodes try to reach the external API and we need to set up nova.conf so it reaches the internal.</p>	24/05/2016
		<p>We resolve the problems so SpainTenerife node are now in green status. This week we start to install the new monitoring tool.</p>	10/05/2016
		<p>We still have Swift and Glance tests failing.(temporarily switched the swift backend to the local one, that's why the tests appear green)</p>	26/04/2016
		<p>We made some progress last week (some test were passing) but it seems they are failing again</p>	

		<p>this morning. In parallel Fernando is configuring the central Glance synchronization tools. Our team is investigating an issue related to Glance.</p> <p>Still in the same state. We have had a debug session last week, and it seems everything is correct from our side, but the problem still persists. Will try to schedule another session with Fernando and Alvaro this week.</p> <p>Still have the FI-Health connectivity issue. We will ask Fernando if it's possible to book some time with him to do a deep dive together, as we are not able to trace everything.</p> <p>The connectivity to the federated keystone is still failing. Roberto and Carlos investigating the issue, together with Fernando. They have a call tomorrow morning on this.</p> <p>The connectivity to the federated keystone is still failing. Roberto and Carlos will have a deeper look today.</p> <p>FI-health issue: still debugging, could be due to the node being behind an NAT GPS coordinates: sent by roberto to Fernando</p>	<p>19/04/2016</p> <p>12/04/2016</p> <p>05/04/2016</p> <p>22/03/2016</p> <p>08/03/2016</p>
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		<p>this morning</p> <p>Waiting to know the next steps..</p> <ul style="list-style-type: none">- FI-Health/Sanity tests - node added , but Fernando/Alvaro still needs to give privileges to the admin user for the node in IDM- Infographics - once monitoring tools are setup the node will show in infographics automatically- GPS location: Roberto needs to provide to Fernando/Silvio- Mailing list for JIRA: Carlos/roberto needs to provide <p>Waiting for Fernando for the node registration.</p> <p>Sent OpenStack endpoints to Fernando on 25/02/2016. Pending next steps from Fernando for node registration</p> <p>Our team from Tenerife in touch with Fernando to complete the node registration.</p> <p>OpenStack installation completed, currently in the process of:</p> <ul style="list-style-type: none">- network configuration for federation and- registration in the Federation.	<p>23/02/2016</p> <p>02/02/2016</p>
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		<p>Questions on: https://bscw.fi-xifi.eu/pub/bscw.cgi/d64414/XIFI-D5.2-XIFI_Core_Backbone.pdf Seems to be more requirements here than originally mentioned (for DNS, and for high availability, etc.) Are these mandatory? i.e. (<ip-address>.cloud.fi-xifi.eu)</p>	
15	Trento	<p>Node is operational.</p> <p>There is a problem with a controller host, node is operational anyway.</p> <p>There are problems with publishing of Infographic data and Sanity Checks, we are working to solve these issues. Installation of new monitoring system is ongoing.</p> <p>Node is operational. Problem with Sanity Checks failure should have been solved (cause was related to Ceilometer configuration left by previous infrastructure owner).</p> <p>Some Sanity Checks are still failing. Troubleshooting the problem.</p>	<p>17/01/2017</p> <p>13/12/2016</p> <p>08/11/2016</p> <p>25/10/2016</p> <p>18/10/2016</p> <p>11/10/2016</p>

		<p>Some Sanity Checks are failing (2-4 checks, randomly). Troubleshooting is in progress.</p> <p>Node fully operational.</p> <p>Node fully operational.</p> <p>All tickets have been processed. Next days another compute node will be added in the environment. Activity will be included in current Sprint.</p> <p>Node is fully operational. All tests are green. Almost finishing the installation of new monitoring system. Planned to start the verification phase ASAP.</p> <p>Node is fully operational. All tests are green. Status & resource page are OK. Work in progress for the installation of the new monitoring system. WebInterface vers. 2.0 for automatic user data migration in progress.</p> <p>Node is fully operational. All tickets have been closed.</p> <p>2 compute nodes migrated in the new environment.</p> <p>fiware-lab-help@lists.fiware.org e-mail</p>	<p>04/10/2016</p> <p>20/09/2016</p> <p>19/07/2016</p> <p>12/07/2016</p> <p>21/06/2016</p> <p>07/06/2016</p>
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		<p>address for opening a Jira ticket</p> <p>Trento2 node is fully operational. Hardware migration on the new production node (Trento2) is ongoing. All tickets have been processed.</p> <p>Trento2 node is fully operational. Hardware migration on the new production node (Trento2) is ongoing. All tickets have been processed.</p> <p>Trento2 node is fully operational. Hardware migration on the new production node (Trento2) is ongoing. All tickets have been processed.</p> <p>Trento2 node is fully operational. Hardware migration on the new production node (Trento2) is ongoing. All tickets have been processed. Put on github the scripts “automatic migration”. Developed the first version of the web interface to permit users to migrate their VMs from a node to another without any support from admin. Tested on : Trento -> Trento2 Automatic Migration Scripts: https://github.com/orgs/TrentoNodeTeam/</p>	<p>31/05/2016</p> <p>24/05/2016</p> <p>17/05/2016</p>
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16	Vicenza	<p>Node is fully operational. All tests are green. All tickets are closed.</p>	02/05/2017
		<p>Node is fully operational. All sanity checks and Infographic are OK. Created workitems for Sprint 6.3.1</p>	04/04/2017
		<p>Node is fully operational, all tests passed. Infographic look ok.</p>	28/03/2017
		<p>Vicenza node is fully operational. All sanity checks are OK. There are no opened tickets</p>	14/03/2017
		<p>Node is fully operational. All tests are green. All tickets are closed.</p>	07/03/2017
		<p>Vicenza node is fully operational. All sanity checks are OK.</p>	28/02/2017
		<p>Vicenza node is fully operational. Sanity check status is green. There are no open FLUA request for our node in jira.</p>	21/02/2017
		<p>Node is fully operational. All sanity checks are OK.</p>	14/02/2017

	<p>Vicenza node is fully operational. Sanity check status is green. There are no open FLUA request for our node in jira.</p>	08/02/2017
	<p>Node is fully operational. All sanity checks are OK.</p>	17/01/2017
	<p>Node is fully operational. All sanity checks are OK. Close all backlog issues and work items.</p>	24/11/2016
	<p>Vicenza node is fully operational. All sanity checks are OK.</p>	8/11/2016
	<p>Node is fully operational. All sanity checks are OK.</p>	25/10/2016
	<p>Vicenza node is fully operational. Sanity check status is green. There are no open FLUA request for our node in jira.</p>	18/10/2016
	<p>Node is fully operational. All sanity checks are OK.</p>	11/10/2016
	<p>Vicenza node is fully operational. Sanity check status is green.</p>	04/10/2016

		<p>There are no open FLUA request for our node in jira.</p> <p>Node is fully operational. All sanity checks are OK.</p> <p>Node is fully operational. All sanity checks are OK. Solved problem when trying to attach a volume onto a VM. Installed new version of the monitoring system.</p> <p>Node is fully operational, all tests passed. Infographic look ok. Still problem to attach a volume onto a VM.</p> <p>Node is operational. All sanity checks are OK. The new monitoring system is up running. Vicenza node is now visible into the infographic map. Still problem to attach a volume onto a VM.</p> <p>Node is operational. All sanity checks are OK. Pablo Rodriguez is working in order to resolve the problems on the new monitoring system. Problem when trying to attach a volume onto a VM.</p>	<p>27/09/2016</p> <p>20/09/2016</p> <p>12/07/2016</p> <p>21/06/2016</p> <p>14/06/2016</p>
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		Node is operational. All sanity checks are OK. Still problem on the new monitoring installation. Waiting for news from Pablo Rodriguez. Problem when trying to attach a volume onto a VM.	07/06/2016
17	Volos	Volos node is currently supporting KILO Openstack version and is fully operational.	25/5/2017
18	Wroclaw	The node has passed all manual tests prepared by Fernando, now we are waiting for next instructions to continue federation process. Our openstack infrastructure is fully operational, as mentioned above we are finishing federation process.	20/09/2016
		The node now is fully prepared and we configure our endpoints in order to communicate with FIWARE Keystone. After finishing suitable endpoint configuration we will provide access to them to end the process of federation.	27/09/2016
		List of endpoints was provided, we are waiting for FIWARE Keystone preparations.	04/10/2016
		Configuring Wroclaw Node endpoints to communicate with FIWARE Keystone	11/10/2016
		Still configuring Wroclaw Node endpoints to communicate with FIWARE Keystone	18/10/2016
Node has configured endpoints in order to communicate with FIWARE Keystone but we have problems when trying to our nodes services	08/11/2016		

		<p>commands doesn't print any informations, we are trying to resolve this issue with Alvaro.</p> <p>Wroclaw node is fully operational.</p> <p>Despite that Sanity Checks fails on two tests, everything is working well. We are trying to contact Fernando to resolve those issue but he does not reply to any emails from us.</p> <p>We are finishing FI-Health installation, still we have same issues, but we are working it out with Daniele Santoro.</p>	21/02/2017
19	Zurich	<p>Zurich2 node is fully operational.</p> <p>Working on upgrade to Mitaka - setting up test rig to run through this upgrade prior to the upgrade of the production system.</p>	02/05/2017
20	ZurichS	<p>Node is fully operational</p> <p>Node shutdown proceeding as planned. We will decommission servers soon after 31 March.</p> <p>Users contacted, mostly moved machines away</p> <p>Received contact information for both remaining users</p> <p>Node shutdown: customer migration ongoing</p> <p>Node shutdown: customer migration ongoing</p> <p>Node shutdown was announced last week.</p> <p>First user has started migrating to Zurich2.</p> <p>We will announce shutdown of our node this month,</p> <p>and contact current users to help them find alternative nodes, possibly our commercial node.</p> <p>Node will be shut down after FI-Core ended.</p>	<p>28/03/2017</p> <p>21/03/2017</p> <p>14/03/2017</p> <p>07/03/2017</p> <p>21/02/2017</p> <p>14/02/2017</p> <p>07/02/2017</p> <p>17/01/2017</p>

		<p>We have started to move compute nodes to SWITCHengines, our Commercial Node.</p> <p>Swift endpoints registered</p> <p>Object Store mostly set up, endpoints could not be registered because admin dashboard converts “ZurichS” to “Zurichs” :-(</p> <p>Second phase of physical replacement of SSDs in Ceph storage cluster done. Need to move journals back to SSDs now.</p> <p>Object Store is being set up.</p> <p>Power outage on Monday lead to ~25 minute storage system disruption (due to some deficit of dynamic routing) while one switch was down.</p> <p>Ceph cluster issues traced to apparent IPv6 Neighbor Discovery problem with Linux 4.4 kernel.</p> <p>Replaced one of two SSDs in each storage node.</p> <p>General Ceph cluster issues last week.</p> <p>Will start replacing worn-out journal SSDs this week.</p> <p>Commercial node open for business</p> <p>Small monitoring issue (duplicate compute nodes)</p> <p>Breakthrough with monitoring: ceilometer-agent-notification had been missing. Now all values are exported, with the exception of those from the Neutron agents.</p> <p>But the test infographic server is down right now.</p> <p>After verification we can hopefully be added to the production infographic instance.</p> <p>One new user! FLUA-2756. Hopefully the beginning of a new trend...</p> <p>Commercial node: finished our D.2.2.3.1 part</p>	<p>13/12/2016 24/11/2016</p> <p>08/11/2016 25/10/2016</p> <p>18/10/2016</p> <p>11/10/2016</p> <p>04/10/2016</p> <p>27/09/2016</p> <p>20/09/2016</p>
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		(.9) Ongoing work to fix remaining monitoring issues	19/07/2016
		Blog post about virtio-net multi-queue published	12/07/2016
		OSSN-0069—not easy to fix in Kilo	
		Commercial node final preparations	21/6/2016
		Working on our D.2.2.3.1.9 section	
		An issue with RabbitMQ was resolved.	
		How can we get included in infographic?	
		Blog post about basic IPv6 support published	
		Monitoring system installed and running	
		Our account was upgraded, and we can now give users access to our node.	7/6/2016
		Monasca agent: first tests, but runs into Keystone issue, filling up local RabbitMQ queues.	
		Credentials issue was quickly resolved; thanks!	
		FIWARE images are QCOW2, RAW would be better because we store everything in Ceph.	31/5/2016
		Instances get IPv6 addresses, but users cannot open ports for IPv6 using the Web GUI.	25/5/2016
		(LAB-507)	17/5/2016
		Node is operational, Keystone authN/authZ broken, as visible in health monitoring LAB-492	10/5/2016
		We had to change Keystone credentials due to a misunderstanding. Since then, all operations fail.	
		Once this is repaired, will do	26/4/2016
		Ceilometer/Monasca configuration, targeting next week (LAB-493)	
		Working on Ceilometer/Monasca configuration	19/04/2016
		Note sure about JIRA access: multiple personal	
		Forge accounts (preferred by us), or a single	11/04/2016
		shared one?	07/04/2016

		<p>Fernando's manual tests successful</p> <p>Setting up JIRA access</p> <p>CPU upgrade Haswell-EP -> Broadwell-EP</p> <p>Live migration doesn't work — known problem?</p> <p>Actually this works fine! Unless you try to migrate instances that were created before federating...</p> <p>Reworking our Puppet classes to handle the non-standard way of the FIWARE installation (service names, ports). Expecting to start federation this week</p> <p>Received service users/credentials, prepare reconfig.</p> <p>Swift/S3 will be done somewhat later.</p> <p>2nd round of manual testing -> ask Álvaro for creds</p> <p>1st round of manual testing -> feedback, rename nets</p>	
21	Brittany	<p>Brittany node is fully operational.</p> <ul style="list-style-type: none"> Sanity checks: OK Infographic: waiting for support to install the monitoring system in Liberty) <p>=> Tickets: Sprint planning 6.3.2 - done</p>	02/05/2017
		End of nodes	

2. FIWARE Lab Sustainability (main topic of today's call)

Brief description of the ongoing process that will affect FIWARE Lab:

Phase 1 - The current keyrock will be replaced with the vanilla keystone (same for the gui of the cloud lab), and only cloud users will be kept in the keystone. other users (the ones that don't have access to cloud resources) will be kept in a separate system. The change for FIWARE Lab nodes

should be transparent (i.e. none or minimal change in the configuration).

-> Dates are pending on UPM side.

Once completed this phase, we will start testing the federation features of OpenStack [1], with the purpose of verifying the stability and reliability of the solution, to enable the “spain” node as

an identity provider for other openstack nodes. This means that:

- 1 - each node will be able to have its own keystone.
- 2 - nodes offering “commercial” and “lab” resources will be able to cluster them in a single environment.
- 3 - new policies will be defined as regards the requirements to be a fiware lab node.
- 4 - end-users with an account on spain node will be able to access remote nodes as part of specific group

(automatically configured via mappings through the authentication process).

we recommend that as default policy resources should be restrictive, but this will be further validated

and tested when we come to this point :)

If the tests are successful, we will kick off phase 2.

Phase 2 - Nodes registered in the central keystone that wish to have their own keystone for different sustainability issues,

will, one by one, requested to

- 1- install their keystone, complete the configuration against their keystone (eventually a user db

will be transferred from the central keystone if needed, to ensure that running vms are not affected).

2 - configure the spain node as IDP for the federation.

3 - set-up the correct policies for Lab users.

Of course this does not solve the sustainability issue per se, which has nothing to do with the technology, but removes

any business impediment caused by current centralised keystone.

[1] <https://docs.openstack.org/security-guide/identity/federated-keystone.html>

3. FIWARE Lab Karma

At the moment Karma calculation is suspended.

4. Report of FIWARE Lab Task Force / TSC

DISCONTINUED NODE PLAN:

<https://docs.google.com/document/d/1pyrIC8vmA2nGt5QPRpDoBLyd6WTTt68ECaW37eT2NFY/edit>

Please keep updated the table above!

5. Planning Sprint

Please close all workitems scheduled for sprint 6.3.1

6. Ticket status

Backlog for agile sprints:

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

Help Desk tickets:

<http://backlog.fiware.org/lab/helpdesk>

7. Other questions

Action Points

Number	Description	Owner	Deadline	Status
#1				
#2				
#3				
#4				