EGI Federated Cloud Task Force, 10 Feb 2015

Attending: David (chair), Michel, Miroslav, Zdeněk; Björn, Carlos, Jens (mins), Kostas, Linda, Luis (CERN), Luis (CSC), Marica, Marios, Owen, Stefano; Jerome, Paul, Jan, Christos, Diego, Stuart.

Apologies: Boris, Daniele, Emir, Peter, Sven, Viet.

Administrative

Apologies: see above

Welcome new members

David welcomed Zdeněk from CESNET who will be doing some virtual networking stuff for/with the INDIGO project and could usefully work with the TF. Previously, Zdeněk had been working with Boris on OCCI.

Minutes and actions of last meeting

— David to organise a meeting/call about accounting probes for Azure — ongoing
— Daniele: Inform FC about available CDMI tools — open/ongoing.
— Linda: Kick off first security challenge. Linda has been moving office and has not had time to look into this. Open.
— Sven to have people volunteer for security challenges: believed to be done; CLOSED.
— Małgorzata: Document VM flavours in wiki — ongoing.

Production - status reports and the week ahead

— VM Management - Boris Parak

Boris had sent apologies, and, usefully, also an update, to the list. Quoth Boris: "There are no significant news for VM management. I'm still working on Azure support for rOCCI-server."

— Data Management - Christos Loverdos

Collaborated with Björn on connector for OpenStack; Björn reports no result yet on Swift, but he has learnt SCALA. Basic CDMI→SWIFT works; Björn is confident we will get the full functionality mapping.

— Accounting - Stuart Pullinger

No significant new thing to report; there are discussions ongoing which Stuart will aim to catch up with, having been out of the office. Note there are OS updates *tomorrow*, Wednesday 11th, so services are *at risk*—intervention designed to avoid downtime, but one never knows.

There was a discussion regarding the old and new reporter; Stuart will send information to the list (ACTION).

Should an updated site create a GGUS ticket, or should they just start sending stuff? New reporter will add VO data, so it would be useful if sites could send their old data, and then notify Stuart; Stuart will then delete the old data. Björn's Δ is different; he is getting better numbers but also had VO data before. Marica had a question about OpenStack upgrade; Stuart will provide additional information (ACTION) and Marica should send the GGUS ticket # to Stuart (ACTION).

— Monitoring - Emir Imamagic—NO NEWS

— Information Discovery - Peter Solagna—NO NEWS

— federated AAI - Paul Millar

"Getting ready to" document per user proxy. Boris sent ideas about PERUN; previously (at the December London workshop), Jens and Boris had discussed PERUN for EUDAT so Paul and Jens should follow up.

Paul will organise an AAI meeting (ACTION). Kostas requests that Paul include Christos Kanellopoulos.

— VM image Management - Marios Chatziangelou—NO NEWS

Owen had mike problems here and spoke at AOB.

— Brokering - Ivan Diaz—NO NEWS

— Security Team update - Linda Cornwall

Linda had been busy preparing for review. There is an advisory on OpenStack; Linda will send information around. The information is already available at OpenStack, but for more serious one, Linda will usually send information around.

Linda also notes that David Kelsey is organising a SCG meeting in Amsterdam for 4-5 March. David notes that this is much too short notice for a F2F meeting for most of us, and requests that in the future longer notice be given in advance of F2F meetings where we would be expected to be represented.

Operational Status and Issues - Małgorzata Krakowian

Małgorzata testing new procedure #19, on the quality assurance of tools. Testing OpenStack with Enol. Likely to repeat the process with Boris with rOCCI.

David reports that we have 10^7 CPU hours over the past eight months. Some people question whether the number is sufficiently reliable to publish, as some sites seem to be over-reporting, and some under-reporting. David believes that the certified sites alone are reporting 10^7 hours and that this number can be defended.

User Community news - Diego Scardaci

Diego reports two new use cases, one for the Chain-Reds project, and one Chipster. Also a "national university" in Athens had requested resources and obtained some at FZJ. Diego raised the question how resources are allocated. Would it be possible to use central allocation of grants to a pool of resource providers using e-grants? ACTION on Mał and Diego to raise the appropriate GGUS tickets against resource providers.

Diego was asked about the list of resource providers on the wiki, as the list seems rather short. Only those are published which are in production; not those in pre-assessment. David thinks there is a case for having a more inclusive table, and with "N/As" where data for a non-production use case does not make sense. Diego will look into this. David points out that the EGI fedcloud comes top on a Google search for "fedcloud," so people are looking at the pages.

Special Items

Networking Scenarios

David had imagined looking at interconnecting VMs, specifically the case of joining a VM to a VPN. Paul was interested in the dynamic reservation of bandwidth, reserving bandwidth for specific work. Jens mentioned there were use cases in Contrail where VMs were dual homed, one public and one private shared interface (with security designed for the private network but not fully implemented.) Zdeněk intended looking at internal networks for cloud management, CESNET have a forensic environment.

Simple user stories are to drive this. ACTION on Zdeněk to start creating these. David will forward blueprint document to Zdeněk (ACTION).

- AoB

Owen reports he will be doing vmcatcher work soon, so requested bug reports and feature requests. US clouds push images, so he'd look at building a minimal image with vmcatcher, and requested feedback on this idea.

Marica had a question/request related to glancepush, but Owen is not maintainer for this. Marica may be running an outdated version (see chatlog). Björn mentioned they tended to upload a private image for each VO. There is a need to update the documentation; ACTION on David to prod the ops team.

Marica asked about an image which was deleted from the image list (for OpenStack), due to the original image bein corrupted. It meant the VMs couldn't be rebuilt. Björn suggests this is a generic OpenStack problem and not related to integration with EGI; instead it would be better to move images to "trash." Also vmcatcher archives images by default, in the "expired" directory. Mał will be updating the manual.

Actions

— **David** to organise a meeting/call about accounting probes for Azure.
— **Daniele** to inform FC about available CDMI tools.
— **Linda** to kick off first security challenge.
— **Linda** to send information about OpenStack security advisory to list.
— **Małgorzata** to document VM flavours in wiki.
— **Stuart** to send information about old and new accounting reporter to the list.
— **Marica** to send Stuart her GGUS ticket number, and **Stuart** to provide additional information on ticket.
— **Paul** to organise AAI meeting, including at least Jens and Christos Kanellopoulos.
— **Diego** to update use case table with relevant cases still in assessment.
— **Małgorzata** and **Diego** to raise GGUS tickets against resource providers regarding registering services for pool allocation.
— **David** to send blueprint doc to Zdeněk, and **Zdeněk** to start creating user stories for networking scenarios.
— **David** to prod ops team regarding whether the glancepush documentation is up to date on the wiki.

Chat Log

Kostas Koumantaros (GRNET): someone is sleepy today
Kostas Koumantaros (GRNET): good news
Carlos (BIFI): good morning
Kostas Koumantaros (GRNET): ha ha
Kostas Koumantaros (GRNET): you got the wife confused good work
Luis(CERN): Good morning!
owen synge (Hamburg): small meeting
Jens Jensen (STFC): There's also the traceability thing at CERN
Jens Jensen (STFC): http://indico.cern.ch/event/319818/
Jerome Pansanel (IPHC, NGI_FR): good morning, sorry for being late
Kostas Koumantaros (GRNET): OpensStack documentation seems outdated I've been helping some chinese colleagues to install occi etc and there is no easy way guide for them, especially for ice-house
Jerome Pansanel (IPHC, NGI_FR): Kostas, I may help them
Jerome Pansanel (IPHC, NGI_FR): I did install occi recently (but with havana)
Kostas Koumantaros (GRNET): they managed to move to the voms part if there is a need I'll forward to the list their questions
Kostas Koumantaros (GRNET): thanks for volunterring
Jerome Pansanel (IPHC, NGI_FR): voms is working well
Jerome Pansanel (IPHC, NGI_FR): occi is a bit more complicated, depending on your network configuration
Kostas Koumantaros (GRNET): they are on the installation part as soon as they start testing we shall see
Kostas Koumantaros (GRNET): Please Include Christos Kanelopoulos for u
Kostas Koumantaros (GRNET): s
Kostas Koumantaros (GRNET): AAI
owen synge (Hamburg): ca you hear me
Kostas Koumantaros (GRNET): still nothing
owen synge (Hamburg): ok I reconect
owen synge (Hamburg): please move on

owen synge (Hamburg): I add to any othe rbusness
owen synge (Hamburg): sure
Kostas Koumantaros (GRNET): are we sure this is correct ?
Diego Scardaci: good questions :)
Kostas Koumantaros (GRNET): it seem a bit high
Diego Scardaci: Enol is checking
Diego Scardaci: but it seems under-estimate..
Kostas Koumantaros (GRNET): exactly
Kostas Koumantaros (GRNET): we are certainly under reporting
Kostas Koumantaros (GRNET): what is the total of resources offered by certifed sites ?
Diego Scardaci: another good question...
Jens Jensen (STFC): Diego, what was the name of the project behind the second use case?
Kostas Koumantaros (GRNET): chain-reds
Jens Jensen (STFC): no the other one
Marica Antonacci (INFN-BARI): chipster
Jens Jensen (STFC): ta
David Wallom: from ELIXIR?
Marica Antonacci (INFN-BARI): yes
David Wallom: main ELIXIR (EBI) or national node?
Marica Antonacci (INFN-BARI): maybe Diego can provide these details :)
Kostas Koumantaros (GRNET): there is a an elixir Pilot isn't it
Diego Scardaci: Chipster is from CSC
Diego Scardaci: Finnish Elixir node
Kostas Koumantaros (GRNET): Geant offers that part already
Kostas Koumantaros (GRNET): the last mile is the issue
Kostas Koumantaros (GRNET): or at least they claim to offer that part
Kostas Koumantaros (GRNET): just a last commnet, I reckon the network part should be user driven i.e get input from the use cases what they need
David Wallom: that is the point of user stories
Kostas Koumantaros (GRNET): aka the User Support Team should ask these questions
Kostas Koumantaros (GRNET): bless you
Kostas Koumantaros (GRNET): could you share some more technical details on the changes required ?
Carlos (BIFI): Marica I guess that the glancepush version used in openstack it's the one i developed
Carlos (BIFI): it should be in the wiki
Marica Antonacci (INFN-BARI): https://github.com/EGI-FCTF/glancepush
Carlos (BIFI): https://wiki.egi.eu/wiki/Fedcloud-tf:WorkGroups:Scenario8:Configuration
Kostas Koumantaros (GRNET): could we harminise what we use
Kostas Koumantaros (GRNET): * harmonise
Bjön Hagemeier: The links at the bottom of the Wiki page seem correct.
Bjön Hagemeier: Maybe they were updated after Marica accessed them.
Kostas Koumantaros (GRNET): According to Mal this is where we stand wrt to documentation
Kostas Koumantaros (GRNET): https://wiki.egi.eu/wiki/MAN10
Kostas Koumantaros (GRNET): its still a draft and with loads of comments
Christos KK Loverdos (GRNET): by the way we could use some clear(er) semantics on the expectations of the vmcatcher :)
Christos KK Loverdos (GRNET): I speak as an implementor
Christos KK Loverdos (GRNET): This is https://github.com/grnet/snf-vmcatcher what I need feedback for
Christos KK Loverdos (GRNET): :)
Kostas Koumantaros (GRNET): I guess we could contribute on this
Kostas Koumantaros (GRNET): with our part