

2018-05-14 notes

General information

Middleware

- UMD4.7.0 in progress
 - only ARC 15.03.18 under verification
- **UMD3 shutdown in progress**, will disappear soon https://ggus.eu/index.php?mode=ticket_info&ticket_id=135100
 - it seems that also UMD1 and UMD2 were still published, they have been shut down
- CMD-OS update for Mitaka/Ubuntu in preparation: the following products are ready but missing a staged rollout report, **please candidate as Early Adopter!**
 - cloud-info-provider 0.9.1
 - cloudkeeper 1.6.0
 - cloudkeeper-os 0.9.9

Preview repository

Operations

ARGO/SAM

- excluding org.nordugrid.ARC-CE-sw-csh from CRITICAL and OPERATOR profile https://ggus.eu/index.php?mode=ticket_info&ticket_id=134956

FedCloud

- starting decommissioning campaign for old OpenStack and OpenNebula versions: all software must follow <https://documents.egi.eu/public/ShowDocument?docid=1475>, so out of support software/versions should go through decommissioning procedure <https://wiki.egi.eu/wiki/PROC16>
- 23 sites: 15 Openstack, 7 OpenNebula; **OpenNebula 4 to be decommissioned, OpenStack <Ocata and !=Mitaka/Xenial LTS to be decommissioned**
- EGI Operations is going to asking sites about plans (no hard suspensions) for the update to a supported version (timeline, which version, feedback (using CMD? Using dockers? Using FedCloud appliance?)

Feedback from Helpdesk

yearly review of the information registered into GOC-DB

2018-05-09

On a yearly basis, the information registered into GOC-DB need to be verified. NGIs and RCs have been asked to check them. In particular:

1. **NGI managers should review the people registered and the roles assigned to them, and in particular check the following information:**
 - E-Mail
 - ROD E-Mail
 - Security E-Mail

NGI Managers should also review the status of the "not certified" RCs, in according to the RC Status Workflow;

1. **RCs administrators should review the people registered and the roles assigned to them, and in particular check the following information:**
 - E-Mail
 - telephone numbers
 - CSIRT E-Mail

RC administrators should also review the information related to the registered service endpoints.

The process should be completed by June 6th.

To track the process, a [series of tickets](#) has been opened.

Notifications from ARGO about the nagios probes failures

In the process of implementing the notification system in ARGO, it has been recently introduced the following changes in GOC-DB:

- Notifications flag at the site level
- Notifications flag at the service endpoint level

In this way ARGO will retrieve from GOC-DB the information about the sites and services whom sending the email notification and the related recipients.

The logic of the notifications is the following:

Site	Service	Notify?
Y	Y	Y
Y	N	N
N	Y	N
N	N	N

If there isn't any email contact defined at the service endpoint level, it will be used the site contact. **Please review your contacts.**

NOTE: It is not mandatory for the sites

Monthly Availability/Reliability

- Underperformed sites in the past A/R reports with issues not yet fixed:
 - NGI_BG BG05-SUGrid https://ggus.eu/index.php?mode=ticket_info&ticket_id=133884 : CE problems solved, outdated CAs
 - NGI_CH: https://ggus.eu/index.php?mode=ticket_info&ticket_id=133885
 - T3_CH_PSI (problems have been solved)
 - UNIBE-ID (problems with the "org.nordugrid.ARC-CE-sw-csh" probe: we need to discuss if this kind of test is still necessary)
 - UNIGE-DPNC (recovering after the long downtime for reorganisation)
 - NGI_IT https://ggus.eu/index.php?mode=ticket_info&ticket_id=133285 (IGI-BOLOGNA INFN-BOLOGNA-T3 INFN-CNAF-LHCB INFN-T1) the sites are slowly coming back online
 - Apr 6th: IGI-BOLOGNA has been decommissioned, and INFN-T1 is performing quite good, INFN-CNAF-LHCB waiting for new hosts certificates, INFN-BOLOGNA-T3 moving the servers from the deposit to the data center
- Underperformed sites after 3 consecutive months, underperformed NGIs, QoS violations: (**March 2018**):
 - AsiaPacific: Taiwan-LCG2 https://ggus.eu/index.php?mode=ticket_info&ticket_id=134635 (CAs not properly updated, managed through CVMFS; currently not enough manpower)
 - NGI_AEGIS: https://ggus.eu/index.php?mode=ticket_info&ticket_id=134636
 - AEGIS01-IPB-SCL (recovering)
 - AEGIS02-RCUB (recovering)
 - NGI_DE: GoeGrid https://ggus.eu/index.php?mode=ticket_info&ticket_id=134637 (problem in the configuration affecting the monitoring, SOLVED)
 - ROC_Russia: RRC-KI https://ggus.eu/index.php?mode=ticket_info&ticket_id=134638 (recovering after the SE downtime)
- Underperformed sites after 3 consecutive months, underperformed NGIs, QoS violations: (**April 2018**):
 - NGI_CZ: praguecg2 https://ggus.eu/index.php?mode=ticket_info&ticket_id=134931 arc-ce probes return UNKNOWN status
 - NGI_DE: UNI-BONN https://ggus.eu/index.php?mode=ticket_info&ticket_id=134932 (SE was not published in the BDII, now it is. A/R figures are improving)
 - NGI_UA: https://ggus.eu/index.php?mode=ticket_info&ticket_id=134933
 - UA-BITP: hardware problems and authentication issues with the SE, now solved.
 - UA-KNU: hardware problems; for the moment the NGI core services (top-BDII, MyProxy, ARGUS and VOMS) are back online.

suspended sites:

NGI ARGUS servers not properly configured

IMPORTANT: The ARGUS version that fixes the PAP permissions has been released in UMD 4.6: <http://repository.egi.eu/2017/12/18/release-umd-4-6-0/> Please update to this version.

As reported by EGI-CSIRT during the [February OMB](#), several NGI ARGUS servers are not properly configured and they are not passing the nagios tests (eu.egi.Argus-DNs probe):

https://argo-mon.egi.eu/nagios/cgi-bin/status.cgi?servicegroup=SERVICE_egi.ARGUS&style=detail

How the probe works:

- Central Argus server suspend 1 fake DN each day
- Argo looks for this DN in NGI Arguses

Requirements for passing the test:

- NGI Argus must be configured to fetch DNs
- Argo must be able to connect to NGI Argus
- Argo DN must be authorized to query DNs

Information about the nagios errors and possible solutions: https://wiki.egi.eu/wiki/EGI_CSIRT:Central_emergency_suspension#NGI_Argus_Monitoring

Information on global banning set-up: https://wiki.nikhef.nl/grid/Argus_Global_Banning_Setup_Overview#NGI_Argus

Authorization error:

- NGI_ARMGRID https://ggus.eu/index.php?mode=ticket_info&ticket_id=133859

Connection error:

- NGI_FI https://ggus.eu/index.php?mode=ticket_info&ticket_id=133872 (SOLVED, the service has been marked as not production and not monitored, ARGUS enabled authorisations are in practice not used in NGI_FI).
- NGI_HR https://ggus.eu/index.php?mode=ticket_info&ticket_id=133867 (the server will be reinstalled on CentOS7)
- ROC_LA https://ggus.eu/index.php?mode=ticket_info&ticket_id=133866 (SOLVED, upgraded to version 1.7.2 and installed the new the host certificate)

Decommissioning EMI WMS

WMS servers can be decommissioned. Please **follow the procedure PROC12**. The plan is:

- Starting from January 2018, put the WMS servers in draining: this will block the submission of new jobs and will allow the jobs previously submitted to finish
 - inform in advance your users that you are going to put in draining and then dismiss the WMS servers (as per [PROC12](#))
 - there might be several VOs enabled on your WMS servers: in case only few of them need to use the service for few weeks more, you might disable the other VOs
- On Dec 14th EGI Operations sent a new broadcast to the VOs reminding the users the forthcoming WMS decommission
- From March, the nagios probe [eu.egi.sec.WMS](#) will return a CRITICAL status for the servers still in production, and the ROD teams will open a ticket to the sites that haven't finished the decommission process yet

WMS servers in downtime on GOC-DB

16 WMS still registered on GOC-DB as production and monitored (1 month ago they were 32)

Status on nagios

IPv6 readiness plans

- assessment ongoing https://wiki.egi.eu/w/index.php?title=IPv6_Assessment
- still missing NGIs/ROCs
- added column in FedCloud wiki to monitor IPv6 readiness of cloud sites https://wiki.egi.eu/wiki/Federated_Cloud_infrastructure_status#Status_of_the_Federated_Cloud

webdav probes in OPERATORS profile

The webdav probes was included in the [ARGO_MON_OPERATORS](#) profile after the approval in the [January OMB](#): in this way the **failures will generate an alarm on the dashboard, and the ROD teams can open a ticket to the failing sites**. If no particular issue occurs, and if at least 75% of webdav endpoint are passing the tests, the probes will be added in the [ARGO_MON_CRITICAL](#) profile, so the results of these probes will be taken into account for the A/R figures.

- webdav endpoints registered in GOC-DB: https://goc.egi.eu/gocdbpi/public/?method=get_service&&service_type=webdav
- link to nagios results: https://argo-mon.egi.eu/nagios/cgi-bin/status.cgi?servicegroup=SERVICE_webdav&style=detail
 - **3 CRITICAL, 2 WARNING out of 24 (OK status: 79.2%)**

List of sites that not have completed the configuration yet:

- NGI_HR: [egee.srce.hr](#) https://ggus.eu/index.php?mode=ticket_info&ticket_id=131041 (webdav URL missing in GOC-DB...)
- NGI_HR: [egee.irb.hr](#) https://ggus.eu/index.php?mode=ticket_info&ticket_id=134458 (webdav URL missing in GOC-DB...)

List of sites that disabled webdav: UNIGE-DPNC, [GR-01-AUTH](#), [HG-03-AUTH](#), CETA-GRID, [WUT](#)

Storage accounting deployment

During the [September meeting](#), OMB has approved the full-scale deployment of storage accounting. The APEL team [has tested it with a group of early adopters sites](#), and the results prove that storage accounting is now production-ready.

Storage accounting is currently supported **only for the DPM and dCache storage elements** therefore only the resource centres deploying these kind of storage elements are requested to publish storage accounting data.

In order to properly install and configure the storage accounting scripts, please follow the instructions reported in the wiki: <https://wiki.egi.eu/wiki/APEL/Storage>

IMPORTANT: be sure to have installed the star-accounting.py script v1.0.4 (<http://svnweb.cern.ch/world/wsvn/lcgdm/lcg-dm/trunk/scripts/StAR-accounting/star-accounting.py>)

After setting up a daily cron job and running the accounting software, look for your data in the Accounting Portal: <http://goc-accounting.grid-support.ac.uk/storage/test/storagesitesystems.html>. If it does not appear within 24 hours, or there are other errors, please open a GGUS ticket to APEL who will help debug the process.

IMPORTANT: Do not encrypt the storage records with your host certificate, please comment out the "server_cert" variable in sender.cfg

List of sites already publishing and of tickets opened is [reported here](#). Several sites are not publishing the storage accounting data yet. **NGIs please follow-up with the sites the configuration of the script in order to speed-up the process.**

- AsiaPacific: TW-NCUHEP https://ggus.eu/index.php?mode=ticket_info&ticket_id=131426
- NGI_AEGIS: AEGIS04-KG https://ggus.eu/index.php?mode=ticket_info&ticket_id=131431
- NGI_CH:
 - CSCS-LCG2 https://ggus.eu/index.php?mode=ticket_info&ticket_id=131432
 - T3_CH_PSI https://ggus.eu/index.php?mode=ticket_info&ticket_id=131433 (in progress, need to update dcache)
- NGI_DE:
 - DESY-HH https://ggus.eu/index.php?mode=ticket_info&ticket_id=131439
 - GoeGrid https://ggus.eu/index.php?mode=ticket_info&ticket_id=131443 (to do by the end of January)
 - UNI-FREIBURG https://ggus.eu/index.php?mode=ticket_info&ticket_id=131445
- NGI_FRANCE: OBSPM https://ggus.eu/index.php?mode=ticket_info&ticket_id=131456
- NGI_IT:
 - INFN-ROMA1-CMS https://ggus.eu/index.php?mode=ticket_info&ticket_id=131482
 - INFN-ROMA1 https://ggus.eu/index.php?mode=ticket_info&ticket_id=131490 (postponed due to T1 problems)
- NGI_NDGF: FI_HIP_T2 https://ggus.eu/index.php?mode=ticket_info&ticket_id=131491
- NGI_NL:
 - LSG-AMC https://ggus.eu/index.php?mode=ticket_info&ticket_id=131494 (in progress...)
 - LSG-AMS https://ggus.eu/index.php?mode=ticket_info&ticket_id=131495 (in progress...)
 - LSG-BCBR https://ggus.eu/index.php?mode=ticket_info&ticket_id=131496 (in progress...)
 - LSG-EMC https://ggus.eu/index.php?mode=ticket_info&ticket_id=131497 (in progress...)
 - LSG-KUN https://ggus.eu/index.php?mode=ticket_info&ticket_id=131498 (in progress...)
 - LSG-LUMC https://ggus.eu/index.php?mode=ticket_info&ticket_id=131499 (in progress...)
 - LSG-RUG https://ggus.eu/index.php?mode=ticket_info&ticket_id=131500 (in progress...)
 - LSG-TUD https://ggus.eu/index.php?mode=ticket_info&ticket_id=131501 (in progress...)
 - LSG-UM https://ggus.eu/index.php?mode=ticket_info&ticket_id=131502 (in progress...)
 - LSG-VU https://ggus.eu/index.php?mode=ticket_info&ticket_id=131503 (in progress...)
 - LSG-WUR https://ggus.eu/index.php?mode=ticket_info&ticket_id=131504 (in progress...)
 - NIKHEF-ELPROD https://ggus.eu/index.php?mode=ticket_info&ticket_id=131506 (in progress, [problems with star-accounting scripts](#))
- Russia: RRC-KI https://ggus.eu/index.php?mode=ticket_info&ticket_id=131546 (need to upgrade the DPM)

AOB

Next meeting

- **June 11th, 2018** <https://indico.eji.eu/indico/event/4074/>