

UMD and Operations updates

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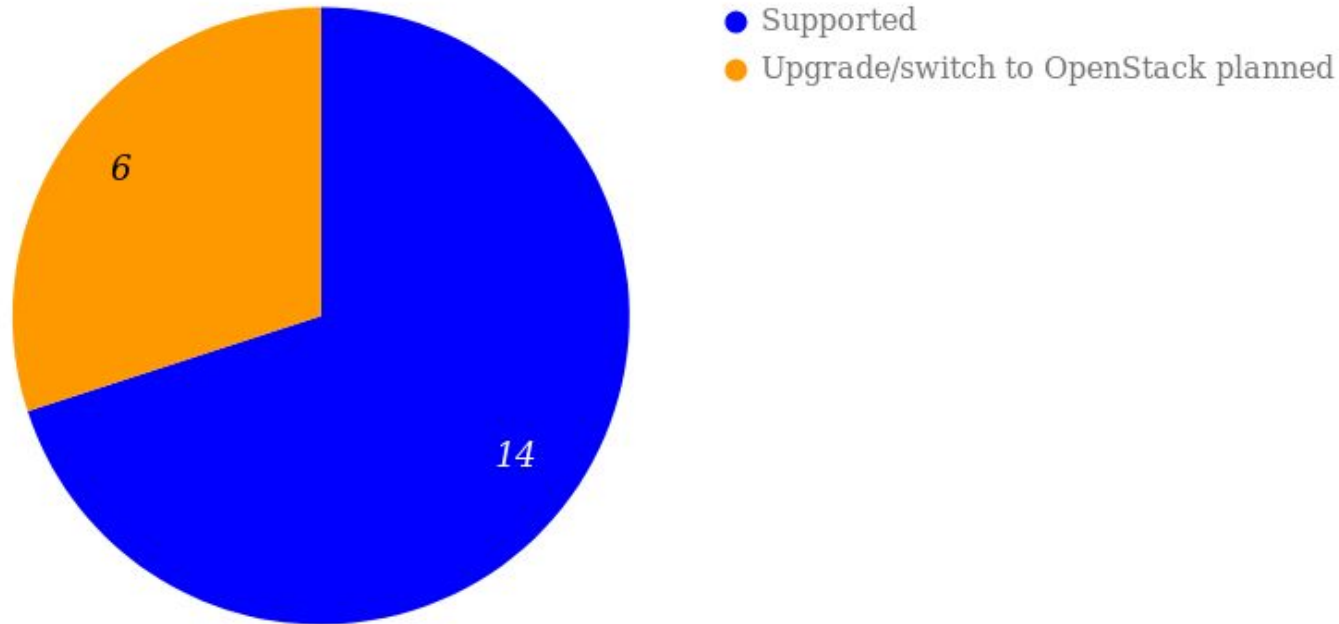
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- FedCloud
- UMD 4.7.0

OpenStack/OpenNebula upgrade plans

- Unsupported software violates the EGI Service Operations Security Policy
<https://documents.egi.eu/public/ShowDocument?docid=1475>
according to OLA
<https://documents.egi.eu/public/ShowDocument?docid=31>
- EGI Operations investigating if the OpenStack/OpenNebula versions exposed by the sites are supported and up to date
- Opened tickets to all OpenStack and OpenNebula sites to get status and plans (and update the [infrastructure wiki](#) accordingly)
 - 14 OpenStack
 - 6 OpenNebula

Status (and plans) for CMF upgrades in FedCloud



Status	Count
Staying with Mitaka (Ubuntu LTS)	8
OpenNebula 5	4
supported OpenStack (\geq Ocata)	2
unsupported OpenStack, upgrade planned	4
OpenNebula 4, switching to OpenStack	2

Actions on EGI Ops and Product Teams

- EGI Operations
 - follow up on upgrades to supported versions and switches to OpenStack
- UMD team and Product teams
 - To provide some support for Mitaka (used by 70% of the sites!)
 - Almost all upgrades will lead to Queens → take care of proper support
 - *Include Queens in CMD-OS*

Accounting on FedCloud RCs: ACTIONS

- All OpenStack sites are requested to **upgrade to cASO 1.2.0** as soon as possible
 - Available in CMD-OS 1.2.1
<http://repository.egi.eu/2018/06/18/release-cmd-os-1-2-1/>
- All OpenNebula sites are requested to **upgrade to oneacct 0.4.6-1** (latest version, available also in CMD-ONE)
- the APEL team strongly encourages sites to **upgrade their APEL-SSM** as there are a number of new useful **features that will help with debugging problems with accounting**
 - APEL-SSM is available only for CentOS7, Ubuntu coming soon
- EGI Operations reported the information about at the last EGI Operations meeting (for NGIs to follow up) and FedCloud TF meeting (for cloud site admins to take action)
 - starting dedicated GGUS ticket campaign to fix accounting
- **If site security and/or usability get compromised, EGI Operations will evaluate site suspension**

- UMD 4.7.0 released on July 11th
<http://repository.esi.eu/2018/07/11/release-umd-4-7-0/>
- CentOS7
 - davix 0.6.7, ARC 15.03.18, APEL 1.6.2-1, APEL-SSM 2.2.1, gfal2 2.15.4, srm-ifce 1.24.3, FTS 3 7.8, XROOTD 4.8.2, dCache 3.2.21, VOMS clients 3.3.0, MyProxy 6.1.29, CERN Frontier squid 3.5.27-4.1, CernVM-FS server 2.5.0, yaim-core 5.1.6, globus gridftp 12.5.1
- SL6
 - davix 0.6.7, ARC 15.03.18, APEL 1.6.2-1, APEL-SSM 2.2.1, gfal2 2.15.4, srm-ifce 1.24.3, FTS 3 7.8, StoRM 1.11.13, XROOTD 4.8.2, dCache 3.2.21, MyProxy 6.1.29, VOMS clients 3.3.0, yaim-core 5.1.6, CERN Frontier squid 3.5.27-4.1, CernVM-FS server 2.5.0, globus gridftp 12.5.1, canl 2.5.0, bouncycastle 1.58-1

UMD 4.7.0 – issue with CREAM/SL6

SL6

- davix 0.6.7, ARC 15.03.18, APEL 1.6.2-1, APEL-SSM 2.2.1, gfal2 2.15.4, srm-ifce 1.24.3, FTS 3 7.8, StoRM 1.11.13, XROOTD 4.8.2, dCache 3.2.21, MyProxy 6.1.29, VOMS clients 3.3.0, yaim-core 5.1.6, CERN Frontier squid 3.5.27-4.1, CernVM-FS server 2.5.0, globus gridftp 12.5.1, **canl 2.5.0, bouncycastle 1.58-1**
- Asked PTs at URT meeting and by email to confirm that products are compatible with canL/bouncycastle upgrade → OK
- Unfortunately there was an [issue with CREAM](#) (2018-07-12)
- [Fix provided by the CREAM team](#) (2018-07-17)
- The Staged-Rollout fails here because we test product updates, not all the products depending on library updates
- Having a preproduction testbed would help (of course)
- These kind of upgrades are very rare

- Very old documentation still published
 - https://wiki.egi.eu/wiki/MAN03_MPI-Start_Installation_and_Configuration
 - https://wiki.egi.eu/wiki/MPI_User_Guide
- NGI_France asks if there is a replacement in UMD4
- No feedback from EGI Operations meeting

- Questions
 - Is MPI Start needed?
 - If MPI Start is supported (packages, CEs...), are sites providing resources through MPI Start?

Thank you for your attention.

Questions?



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