



DPM releases status

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Outline

- Repositories
- Releases status
 - Metapackages are back
 - dmlite and plugins
 - dpm-gsiftp
 - dpm-xrootd
 - lcgdm-dav
- Platforms Support

Repositories

- All DPM components are available in EPEL except for:
 - vomsxrd (WLCG, EGI UMD), glite-info-provider (WLCG, EGI UMD)
- Be aware that the EMI3 repositories are unmaintained, therefore we suggest to use EPEL(+ WLCG repo) or EGI UMD.

Release Status – DPM 1.8.11

- DPM 1.8.11 released in production this year
 - 45 instances in EGI upgraded
 - It includes performance improvements to the DPM daemon
- It has been released in UMD 2 weeks ago (only for SL6)
 - <http://repository.egi.eu/2016/11/10/dpm-1-8-11/>
- This was the first version supporting C7/SL7
 - We asked for help in testing it from the Community
 - Some installations performed, thanks!

Release Status – DPM 1.9.0

- DPM 1.9.0 has been released to EPEL-Testing at the beginning of September
- Intensive testing both on SL6 and C7 has been done by our testbeds admins
 - Thanks to A.Sartirana, F. Chollet, A. De Salvo, E. Vilucchi and A. Doria!
 - Quite some bugs discovered, new versions of the various components have been released in the meantime
 - Tested both Legacy and Dome flavours
- The plan for the production release is Dec 2016

Meta-packages are back

- Given the usage of Puppet which hides the meta-packages and being the EMI repos unmaintained, we didn't release the emi_* meta-packages for DPM 1.8.11
- New meta-packages built with dmlite are now available in 1.9.0
 - dmlite-dpmhead
 - dmlite-dpmdisk
- Also for pure Dome deployment
 - dmlite-domehead
 - dmlite-domedisk

Release Status – dmlite and plugins

- dmlite 0.7.6 release this year
 - Bug fixes + dmlite-plugins-profiler in the codebase
- dmlite 0.8.[0,3] with DOME in EPEL-testing
 - Changes already presented by Fabrizio
- dmlite-plugins-hdfs 0.7.[5,8]
 - Bug fixes following the Bristol installation in production
 - Support for HDFS HA
 - C7/SL7 support
- dmlite-plugins-s3 untouched

Release Status – dpm-gsiftp

- Again several releases this year due to the strict dependency towards globus-gridftp-server (passed from v 9.3 to 11.8 this year)
- Stable version is 1.9.8-3 (compatible with globus-gridftp-server 11.3)
 - It includes fixes for gridftp redirection checksum calculation
- 1.9.10-2 + globus-gridftp-server 11.8 in epel-testing now
 - Support for DOME checksum and changes for cache deployments

Release Status – dpm-xrootd

- 3.6.0 (January)
 - Federation performance improvements
 - Fix xrootd dependency
 - Full C7/SL7 support
- 3.6.3 (in EPEL-testing)
 - Dome integration
 - Logs cleaning
 - Built with Boost 1.48

Release Status – lcgdm-dav

- 0.17 (January)
 - Remove weak Ciphers from the conf
 - Support for pull third party copy
 - Conf changes for httpd 2.4
 - Fixed bug on Write errors not reported to clients
- 0.18 (In EPEL-testing)
 - Removed gridsite session files
 - Support for quota* dav properties

Platforms – SL7/C7

- Starting with DPM 1.8.11 we fully support SL7/C7
 - Some issues with systemd files have been fixed
 - Puppet modules extended in order to properly configure some services for SL7/C7
 - Support for dpm-xrootd added
- Some missing components released to EPEL7
 - nagios-plugins-lcgdm
 - dpm-contrib-admin-tools
- LFC has also been validated
- <https://its.cern.ch/jira/secure/Dashboard.jspa?selectPageId=16721>

Platforms – SL7/C7

- No full DPM 1.8.11 production deployments so far on SL7/C7
 - Only a Disknode in Bristol on SL7.2
 - Migration from MySQL 5.1 to MariaDB 5.5 on C7 done in prod @ Brunel
- EGI verification started...looking for early adopters for the Staged Rollout activity
- DPM 1.9.0 is under testing by A. Sartirana on C7

Platforms – SL5

- SL5 end of support is March 2017 but..
- EGI has started a campaign to phased it out during 2016
 - No SL5 resource is allowed in production now
- We dropped support for SL5 starting from DPM 1.9.0

Summary

- DPM 1.9.0 is almost in production
- Full SL7/C7 support
- SL5 is not supported anymore

Questions?

