



# DPM releases and platforms status

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# Outline

- Repositories
- Releases status
  - DPM ( legacy services)
  - Metapackages
  - dmlite and plugins
  - dpm-gsiftp
  - dpm-xrootd
  - lcgdm-dav
- Platforms Status
  - CentOS7
  - SL5

# Repositories

- All 1.8.10 components are available in EPEL except for:
  - Metapackages (EMI3), vomsxrd (WLCG), glite-info-provider ( EMI3 & WLCG)
- Under Staged Rollout for the inclusion in UMD 3
  - Most probably before Xmas

# Release Status - DPM

- DPM 1.8.10 this year, no changes in legacy compos
  - 49 instances in EGI already upgraded
- DPM releases in the past 3 years have always followed a wrong schema:
  - Increment patch number whatever is the change
  - 1.8.9 had lot of big changes compared to 1.8.8
- The idea is to have proper version numbering starting from the next version
- 1.9.0 ( to be scheduled) will be the next version
  - First version fully supporting CentOS7

# Release Status - metapackages

- Puppet manifest are now driving the installation of the different nodes (head, disk , head+disk)
- There is not need for metapackages to group together the correct packages to install per node
- Metapackages force us to delay releases for inclusion in EMI repo ( whose future is not clear)
- From the next release ( 1.9.0) we would like to propose to drop metapackages
  - What is your opinion?

# Release Status – dmlite and plugins

- dmlite 0.7.3 /0.7.5 released this year
  - Includes core, adapter plugin, mysql plugin, memcache plugin, shell etc etc
  - Several improvement and bug fixes
- dmlite 0.7.6 with other bug fixes beg next year
  
- dmlite-plugins-hdfs 0.7.3/0.7.4
  - Bug fixes following the Bristol installation
  - 0.7.5 beg of next year
    - Support for HA
- dmlite-plugins-s3 & dmlite-plugins-profiler
  - untouched

# Release Status – dpm-gsiftp

- Several releases this year due to the strict dependency towards globus-gridftp-server ( passed from v 7.3 to 9.3 in few months..)
- Stable version is 1.9.5-12 ( compatible with globus-gridftp-server 9.1)
  - 1.9.5-13 + globus-gridftp-server 9.3 in epel-testing now
- Next version is 1.9.7, with bug fixes and enabled calculation of checksum on disknodes in case of redirection, to be released soon



# Release Status – dpm-xrootd

- 3.5.2 with Xrootd 4 support released at the beginning of the year
- 3.5.5 released in order to fix a problem in AAA
  - It has an issue with xrootd dependency
- 3.6.0 ( to epel-testing before Xmas)
  - Federation performance improvements
  - Fix xrootd dependency
- 3.7.0 ( March 2016)
  - Full CentOS7 support

# Release Status – lcgdm-dav

- 0.15
  - Several bug fixes ( also for crashes)
  - Removed support for SSL v3
  - Added robots.txt for crawlers
- 0.16
  - Support for Space reporting
  - New DPMBBox
    - packaging issues, fixed in 0.16.0-2 now in epel-testing
- 0.17 ( next year)
  - Remove weak Ciphers from the conf
  - Support for pull third party copy
  - Conf changes for httpd 2.4 ( CentOS7)

# Platforms – CentOS7

- Test machines deployed on CentOS7 @ CERN and Glasgow
  - Thanks to Sam for the help!
- Some issues with systemd files have been fixed
- Puppet modules extended in order to properly configured some services for CentOS7
- Still some issues with dpm-xrootd
  - May be needed also some changes on xrootd side
- Some components are not available yet on EPEL7
  - nagios-plugins-lcgdm
  - dpm-contrib-admin-tools

# Platforms – CentOS7

- As soon as we are ready we would like also to ask other sites help for testing
- Migration from MySQL 5.1 to MariaDB 5.5 needs to be tested as well
  - Got interest from:
    - A. Sartirana
    - R. Cardoso
- Are the current testbeds willing to move to CentOS7?
- Expected full version compatible with CentOS7 in Spring 2016
  - We expect mixed installation first ( e.g. Head node SL6 + Disk nodes SL6/CentOS7)

# Platforms – SL5

- SL5 end of support is March 2017 but..
- EGI has already planned to phase out any SL5 installation by April 2016
  - WLCG will follow
- Therefore we have decided to drop support for SL5 in the same period
  
- Given that we will support CentOS7 soon we encourage all site admins to move to SL6 or wait for CentOS7..

# Questions?

