EMI 1 (Kebnekaise) - Status

Cristina Aiftimiei (INFN)
EMI Release Manager

WLCG GDB
CERN, 13th June 2012
Outlook

• EMI 1 Updates
• EMI Maintenance Schedule
• EMI 2
• EMI Updates Schedule

06/13/12
WLCG GDB, 13th June 2012
• 15 EMI 1 Updates
  – 75 products releases
• **Update 15 – 23.04.2012**

  – Minor releases
    • *DPM/LFC, v. 1.8.3 and GFAL/lcg_util, v. 1.12.0*
  
  – Revision releases
    • *BLAH, v. 1.16.5, glite-proxyrenewal, v. 1.3.25 and WMS v. 3.3.5*
EMI Timelines

- **Start**: 01/05/2010
- **EMI 1**: 30/04/2011
- **EMI 2**: 30/04/2012
- **EMI 3**: 28/02/2013

- Major releases
- Support & Maintenance

**Timeline Details**
- 06/13/12
- WLCG GDB, 13th June 2012
EMI Maintenance Schedule

<table>
<thead>
<tr>
<th>Release</th>
<th>Code Name</th>
<th>Release Date</th>
<th>End of Full Support</th>
<th>End of Standard Updates</th>
<th>End of Security Updates and Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMI 2</td>
<td>Matterhorn</td>
<td>May 21, 2012</td>
<td>April 30, 2013</td>
<td>October 31, 2013*</td>
<td>April 30, 2014*</td>
</tr>
</tbody>
</table>

Full maintenance period – 12 months
- Correct issues in the code and provide new features

Standard maintenance period – 6 months
- Correct issues in the code, but no new feature is introduced

Security updates period – 6 months
- Are provided only updates targeting security vulnerabilities

End-of-life period:
- No updates or support is provided any more
• **EMI 2 released 21st May, 2012**
  – 2nd snapshot, ending point of a year of development, certification and release cycles
  – 56 products
  – Full support for SL5 and SL6, partial Debian6 support
    • 454 (SL5), 447 (SL6)
    • 60 (Deb6) packages
EMI 2 highlights

• 5 new products:
  – CANL, EMIR, EMI-Nagios, Pseudonymity, WNoDeS
• Not released: Hydra, WMS
• OTHER EMI 2 Highlights (??) – Glue 2, EMI ES, ARGUS integration...
• Backward incompatible changes:
  – ARC:
    • Compatibility of ARC WS endpoints with older ARC 11.05 clients that relied on incomplete GLUE2 to communicate to pre-production WS endpoints are broken due to the more compliant GLUE2 LDAP and XML rendering introduced in this release. Upgrade to new ARC 12.05 Clients is highly recommended.
    • No backward incompatibility is introduced w.r.t. the production gridftp interface.
  – WMS-cli:
    • Removed unused command-line options (--default-jdl, --output...
• Continue supporting 1 update cycle/month
  – Include all products updates, EMI 1 & EMI 2
  – First cycle: 02 July – 12 July

• UI/WN tarballs
  – Release them in the next update

• Debian support
  – Make available at least all clients by End of Oct.
Planned Future Updates

• **BDII top, v. 1.0.2 (EMI1 & EMI2)** – revision releases
  – Update FCR mechanism to work with the new SAM interface.
  – Fixed wrong location of top-urls.conf file.
  – Randomise glite-info-update-endpoints cron job.

• **BLAH, v. 1.16.6 (EMI1) & v. 1.18.1 (EMI2)** – revision releases
  – fixing a problem with LSF BUpdater causing wrongly reported IDLE state jobs

• **DPM / LFC, v. 1.8.4 (EMI2)** – minor releases
  – New features:
    • `dpm-replicate` should also handle directories & take into account filesystem on the same server
    • Store GUIDs in DPM
    • should-start / required-start of service daemons
    • possibility to limit the number of concurrent transfers in dpm
    • publication of version and distribution version along with glue2
    • improved logging of missed mappings
    • Administration tools
Planned Future Updates (cont.)

- **GFAL/lcg_util, v. 1.12.0 (EMI1)** – repackaged release
  - SL5/i386
- **GFAL/lcg_util, v. 1.13.0 (EMI2)** – minor release
  - Delivers GFAL2 2.0.0 (first official version)
  - SL5 & SL6/i386
  - Bugfixes
- **VOMS Oracle plugin, v. 3.1.15 (EMI1)** – revision release
  - Fixes crashes of middleman process (Oracle backend)
- **VOMS-admin, v. 2.7.0 (EMI1)** – minor release
  - Fixes a bug preventing the correct sending of warning emails to the VO managers before the users membership expiration date
  - new features:
    - New views to easily access expired and suspended users
    - configurable grace period before suspending expired users
    - default Sign AUP grace period has been extended from one day to 7 days

06/13/12  WLCG GDB, 13th June 2012
• WMS, **v.3.3.6** (EMI1) – revision release
  – Fixing:
    • *Broken submission to ARC*
    • *Condor gridmanager keeps crashing on wrong assertions about some ldap attributes ordering*
    • *EMI-1 WMS does not propagate user job exit code*
    • *some sensible information should be logged on syslog*

• WMS, **v. 3.4** (EMI2) – major release
Thank you

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