

Table of Contents

EMI 1 (Kebnekaise) - Update 8 (14.10.2011)	1
APEL parsers v. 1.0.1.....	1
What's new:.....	1
Deployment notes:.....	1
Known issues:.....	1
Updated Artefacts.....	1
ARC CE, v. 1.1.0.....	2
What's new:.....	2
Deployment notes:.....	2
Known Issues.....	2
Updated Artefacts.....	2
ARC Clients, v. 1.1.0.....	2
What's new:.....	2
Deployment notes:.....	3
Updated Artefacts.....	3
ARC Core, v. 1.1.0.....	3
What's new:.....	3
Deployment notes:.....	3
Known Issues.....	3
Updated Artefacts.....	4
ARC gridftp server, v. 1.1.0.....	4
What's new:.....	4
Deployment notes:.....	4
Known Issues.....	4
Updated Artefacts.....	5
ARC Infosys, v. 1.1.0.....	5
What's new:.....	5
Deployment notes:.....	5
Known Issues.....	5
Updated Artefacts.....	5
dCache, v. 1.9.12-10.....	5
What's new:.....	6
Installation and configuration:.....	6
Known issues:.....	6
Updated Artefacts.....	6
MPI, v. 1.1.0.....	6
What's new:.....	6
Deployment notes:.....	6
Known Issues:.....	6
Updated Artefacts.....	7

EMI 1 (Kebnekaise) - Update 8 (14.10.2011)

The Update contains:

- minor releases of ARC CE, v. 1.1.0, ARC Clients, v. 1.1.0, ARC Core, v. 1.1.0, ARC gridftp server, v. 1.1.0, ARC Infosys, v. 1.1.0, MPI, v. 1.1.0
- revision releases of APEL parsers, v. 1.0.1, dCache, v. 1.9.12-10

APEL parsers v. 1.0.1

What's new:

- SGE parser corrected to read CPU usage from field 36 of the log file rather than the sum of fields 14 & 15.
- LSF parser changed to allow configuration of whether CPU time is scaled according to the HostFactor field in the log file. If not, the scaling should be set in the BDII/GIIS/GRIS. By default, the APEL parser won't use the hostFactor value.
- APEL parsers now depending on mysql-connector-java package instead of mm-mysql.
- APEL client user guide and APEL parser administrator guide updated with latest changes.

Deployment notes:

- None

Known issues:

- None

Updated Artefacts

Binary
glite-apel-core-2.0.14-4.sl5.noarch.rpm
glite-apel-lsf-2.0.10-11.sl5.noarch.rpm
glite-apel-pbs-2.0.6-7.sl5.noarch.rpm
glite-apel-sge-2.0.8-7.sl5.noarch.rpm
Binary tarball
glite-apel-core-2.0.14-4.tar.gz
glite-apel-lsf-2.0.10-11.tar.gz
glite-apel-pbs-2.0.6-7.tar.gz
glite-apel-sge-2.0.8-7.tar.gz
Sources RPM
glite-apel-core-2.0.14-4.sl5.src.rpm
glite-apel-lsf-2.0.10-11.sl5.src.rpm
glite-apel-pbs-2.0.6-7.sl5.src.rpm
glite-apel-sge-2.0.8-7.sl5.src.rpm
Sources tarball
glite-apel-core-2.0.14-4.src.tar.gz
glite-apel-lsf-2.0.10-11.src.tar.gz
glite-apel-pbs-2.0.6-7.src.tar.gz
glite-apel-sge-2.0.8-7.src.tar.gz

ARC CE, v. 1.1.0

What's new:

- Feature:
 - ◆ 2591- Savannah task 21916: publish version information for ARC CE
- High priority bugs fixed:
 - ◆ 2280 - SRM transfer protocols are hard-coded
 - ◆ 2442 - ARC incompatible with CERN voms server
 - ◆ 2520 - GGUS-Ticket-ID: #72340 EMI1 ARC CE 1.0.0 wrong user mapping
 - ◆ 2565 - downloader fails if all the inputs are remote
 - ◆ 2579 - Transfer shares not using enough slot
 - ◆ 2236 - Uploaders hangs

Deployment notes:

- This release does not introduce any changes in the deployment procedures described in ARC CE documentation

Known Issues

- none

Updated Artefacts

Binary
nordugrid-arc-arex-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-janitor-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-gridmap-utils-1.1.0-1.el5.x86_64.rpm
Binary tarball
nordugrid-arc-bin.tar.gz
Sources RPM
nordugrid-arc-1.1.0-1.el5.src.rpm
nordugrid-arc-meta-1.0.1-1.el5.src.rpm
Sources tarball
nordugrid-arc-1.1.0.tar.gz

ARC Clients, v. 1.1.0

What's new:

- Enhancement:
 - ◆ 1347 - improving ngclean and arcclean error messages
- High priority bugs fixed:
 - ◆ 2599 - arctest does not set a queue in job description
 - ◆ 2485 - arc1 client rejects submission of jobs with RTEs of same name but different versions
 - ◆ 2473 - Segmentation fault when looping a mapped std::list public member from Python
 - ◆ 2468 - File transfers fail from Windows Client(s)
 - ◆ 1765 - arcinfo is too redundant with its error messages
- Medium priority bugs fixed:
 - ◆ 1760 - arcrm does not return correct value

- Less priority bugs fixed:
 - ◆ 2625 - Job submission slows down a lot as the local job store size increases

Deployment notes:

- This release does not introduce any changes in the deployment procedures described in ARC Clients documentation

Updated Artefacts

Binary
nordugrid-arc-client-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-compat-1.0.0-1.el5.x86_64.rpm
nordugrid-arc-compat-debuginfo-1.0.0-1.el5.x86_64.rpm
Binary tarball
nordugrid-arc-bin.tar.gz
nordugrid-arc-compat-bin.tar.gz
Sources RPM
nordugrid-arc-1.1.0-1.el5.src.rpm
nordugrid-arc-meta-1.0.1-1.el5.src.rpm
nordugrid-arc-compat-1.0.0-1.el5.src.rpm
Sources tarball
nordugrid-arc-1.1.0.tar.gz
nordugrid-arc-compat-1.0.0.tar.gz

ARC Core, v. 1.1.0

What's new:

- Feature:
 - ◆ 2477 - Distribute ARC nagios plugins together with the next ARC release
- High priority bugs fixed:
 - ◆ 2534 - Absent clients metapackage in 1.0.1rc1
 - ◆ 2479 - MinGW packages fails nightly build
 - ◆ 2015 - merged standalone to contain both new and old client tools
 - ◆ 2592 - cache lockfile leak
 - ◆ 2609 - download fails if one of the srm replicas cannot be fetched
 - ◆ 2509 - Information system manual/guide is needed
- Medium priority bugs fixed:
 - ◆ 1832 - placeholders remain in the profiles and the inis on debian

Deployment notes:

- This release does not introduce any changes in the deployment procedures described in ARC documentation

Known Issues

- None

Updated Artefacts

Binary
nordugrid-arc-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-doc-1.1.0-1.el5.noarch.rpm
nordugrid-arc-ca-utils-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-debuginfo-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-devel-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-doxygen-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-hed-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-java-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-python-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-python26-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-plugins-needed-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-plugins-globus-1.1.0-1.el5.x86_64.rpm
Binary tarball
nordugrid-arc-bin.tar.gz
nordugrid-arc-doc-bin.tar.gz
nordugrid-arc-nagios-plugins-bin.tar.gz
Sources RPM
nordugrid-arc-1.1.0-1.el5.src.rpm
nordugrid-arc-doc-1.1.0-1.el5.src.rpm
nordugrid-arc-nagios-plugins-0.9-1.el5.src.rpm
Sources tarball
nordugrid-arc-1.1.0.tar.gz
nordugrid-arc-doc-1.1.0.tar.gz
nordugrid-arc-nagios-plugins-0.9.tar.gz

ARC gridftp server, v. 1.1.0

What's new:

- Feature:
 - ◆ 1312 - Downloaders take too long when files are not available
- High priority bugs fixed:
 - ◆ 2524 - provide out-of-box configuration examples for server-side ARC (CE, EGIIS and SE)
- Medium priority bugs fixed:
 - ◆ 1883 - error messages when uploading a file to existing file on arc: or gsiftp: should be the same

Deployment notes:

- This release does not introduce any changes in the deployment procedures described in ARC Infosys documentation

Known Issues

- Documentation improvements are still needed.

Updated Artefacts

Binary
nordugrid-arc-gridftp-1.1.0-1.el5.x86_64.rpm
Binary tarball
nordugrid-arc-bin.tar.gz
Sources RPM
nordugrid-arc-1.1.0-1.el5.src.rpm
Sources tarball
nordugrid-arc-1.1.0.tar.gz

ARC Infosys, v. 1.1.0

What's new:

- High priority bugs fixed:
 - ◆ 2595 - totalcpus in [queue/*] section is ignored
 - ◆ 2443 - The client doesn't see the status of the job if hostname contains uppercase letters
- Medium priority bugs fixed:
 - ◆ 802 - review the content of the nordugrid-arc-doc package for 0.8
 - ◆ 2037 - infosys non-responsive on high-load
- Less priority bugs fixed:
 - ◆ 2642 - Banning DNs, and the infosystem

Deployment notes:

- This release does not introduce any changes in the deployment procedures described in ARC Infosys documentation

Known Issues

- Documentation improvements are still needed.

Updated Artefacts

Binary
nordugrid-arc-aris-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-egiis-1.1.0-1.el5.x86_64.rpm
nordugrid-arc-ldap-monitor-1.1.0-1.el5.x86_64.rpm
Binary tarball
nordugrid-arc-bin.tar.gz
Sources RPM
nordugrid-arc-1.1.0-1.el5.src.rpm
nordugrid-arc-meta-1.0.1-1.el5.src.rpm
Sources tarball
nordugrid-arc-1.1.0.tar.gz

dCache, v. 1.9.12-10

What's new:

- We fixed several bugs in the pool, poolmanager, spacemanager and transfermanager.
- The most significant change is the downgrade to Jetty 7.2-2. Jetty 7.4.2 introduced in dCache 1.9.12-6 was the source of a regression in socket error handling.
- The documentation was updated to better match the FHS compliant version of dCache (GGUS ticket 72686 reported this shortcoming).

Installation and configuration:

- Just do a yum update and restart dCache. Please see the release notes for incompatibilities with version of dCache before EMI (before 1.9.12-2)

Known issues:

- none

Updated Artefacts

Binary
dcache-server-1.9.12-10.noarch.rpm
Binary tarball
dcache-server-1.9.12-10.tar.gz
Sources tarball
emi.dcache.server-1.9.12-10.src.tar.gz

MPI, v. 1.1.0

What's new:

- Allows the definition of number of processes per core, per socket and per host
- Support for processor and memory affinity for Open MPI
- Fixed bugs #31, #35, #38
- New man page
- Updated troubleshooting guide
- Updated documentation with new features

Deployment notes:

- No special installation requirements, no need for restarting services.
- Yaim plugin available for configuration in WN and CEs

Known Issues:

- Fine grained process mapping is not supported with Slurm or Condor schedulers.
- Maui versions prior to 3.3.4 do not allocate correctly all the nodes for the execution of jobs (see #67870 and #57828).
- MPD startup of MPICH2 jobs fails in some sites (bug #49)

Updated Artefacts

Binary
glite-mpi-1.0.1-0.sl5.noarch.rpm
mpi-start-1.1.0-1.noarch.rpm
Binary tarball
mpi-start-1.1.0.tar.gz
Sources RPM
glite-mpi-1.0.1-0.sl5.src.rpm
mpi-start-1.1.0-1.src.rpm
Sources tarball
mpi-start-1.1.0.src.tar.gz

-- DoinaCristinaAiftimiei - 13-Oct-2011

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