

Product ID Cards

Technology Providers (TP) that release products for UMD provide, for each product:

- **Name** of the product
- **Description** of the product
- **Technology Provider** name
- **Contacts** for technical discussions
- **Operating Systems** available operating systems in UMD4 are CentOS7, SL6. Ubuntu Xenial will be an option in the future if requested.
- Preferred **release channels**, it can be a simple repository, or AppDB or other channels
- **Documentation** about the installation and configuration of the product; if no automated verification procedure is provided by the TP, a *step-by-step installation and configuration guide* must be provided by the TP, that the verification team can use to create the verification procedure
- **Release notes**
- **Source code**
- **Verification/Configuration tool** is the tool used to install and configure the product; can be puppet, ansible, yaim or scripts; if nothing is available, it means that the verification has to be performed manually, which can increase the time needed to release the product
- **IPv6 ready** states if the product is ready for IPv6 or dual stack (IPv6+IPv4) configuration and usage
- **Support unit** If a GGUS Support Unit is already set, please provide us with the exact name of the SU. If a GGUS SU is not available, at least an email address (possibly a team mailing list) should be provided
- **Support calendar** for the major releases currently supported (i.e. end of support, end of security support, release cycle description...)
- **Last update** of the record itself in the wiki (this is needed to check periodically how fresh the information are)

IMPORTANT INFORMATION

- **The Globus Toolkit will be no longer supported since January 2018.** All Technology Providers have been asked to provide their plan on how to handle Globus dependencies according to the announced EOL. Please see https://wiki.egi.eu/wiki/Globus_EOL_assessment for further details.

UMD4 Products

| Name | Description | Technology Provider | Contact | Security contact | Operating Systems | Release channels | Documentation | Release notes | Source code | Verification /Configuration tool | IPv6 ready | Support unit |
|--------------------------|--|--|---|---|-------------------|---|---|---|---|----------------------------------|---------------------------------------|----------------|
| APEL | APEL client and server software for usage accounting. | STFC | apel-admins at stfc.ac.uk | apel-admins at stfc.ac.uk | CentOS7, SL6 | https://github.com/apel/apel/releases/latest | https://twiki.cern.ch/twiki/bin/view/EMI/EMI3APELClient | https://github.com/apel/apel/blob/dev/CHANGELOG | GitHub | | N/A (Uses apel-ssm for communication) | APEL |
| apel-ssm | Secure STOMP Messenger for sending usage records to the Accounting Repository. | STFC | apel-admins at stfc.ac.uk | apel-admins at stfc.ac.uk | CentOS7, SL6 | https://github.com/apel/ssm/releases/latest | https://twiki.cern.ch/twiki/bin/view/EMI/EMI3APELClient | https://github.com/apel/ssm/blob/dev/CHANGELOG | GitHub | | Yes (untested) | APEL |
| dCache, dcache-srmclient | A scalable, distributed petascale storage system | dCache.org | Sibel Yasar sibel.yasar@desy.de Juergen Starek juergen.starek@desy.de | security at dCache.org | CentOS7, SL6 | AppDB | https://www.dcache.org/manuals/index.shtml | https://www.dcache.org/manuals/releasesnotes.shtml | https://github.com/dCache/dCache/ | | Yes | dCache Support |

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| CREAM | Suite of services for a Computing Element | INFN | cream-support@lists.infn.it | paolo.andreetto@pd.infn.it | SL, CentOS7 | <p>http://igi-01.pd.infn.it/mrepo/dist/CREAM/repos/centos7/cream.repo http://igi-01.pd.infn.it/mrepo/dist/CREAM-UI/repos/centos7/cream-ui.repo</p> <p>"third party" packages needed are already in UMD4; the following are not and should be included explicitly:</p> <p>http://igi-01.pd.infn.it/mrepo/dist/CREAM/centos7/noarch/third-party/axis2-1.6.4-2.emi.el7.centos.noarch.rpm http://igi-01.pd.infn.it/mrepo/dist/CREAM-UI/centos7/x86_64/third-party/log4cpp-1.0-13.el7.centos.1.x86_64.rpm http://igi-01.pd.infn.it/mrepo/dist/CREAM-UI/centos7/x86_64/third-party/log4cpp-devel-1.0-13.el7.centos.1.x86_64.rpm</p> <p>No metapackage available. Dependencies are basically: - CentOS7 + EPEL - "third party" repos above - "" http://igi-01.pd.infn.it/mrepo/dist/CREAM/repos/centos7/security-extras.repo"; (some argus /lcas deps).</p> | <p>http://cream-guide.readthedocs.io/en/latest/Releases.html</p> <p>http://cream-guide.readthedocs.io/en/latest/index.html</p> | <p>http://cream-guide.readthedocs.io/en/latest/Releases.html</p> | <p>https://github.com/italiangrid</p> | | | CREAM-BLAH |
| Frontier-Squid | distributed database caching system | CernFrontier | Dave Dykstra dwd at fnal.gov | Dave Dykstra dwd at fnal.gov | CentOS7, SL6 | <p>http://frontier.cern.ch/dist/rpms</p> | <p>https://twiki.cern.ch/twiki/bin/view/Frontier/WebHome</p> <p>https://twiki.cern.ch/twiki/bin/view/Frontier/InstallSquid</p> | <p>http://frontier.cern.ch/dist/rpms/frontier-squidRELEASE_NOTES</p> | <p>https://gitlab.cern.ch/frontier/rpms</p> | Yes | NO GGUS unit | |
| BDII | BDII | EGI Foundation | operations@mailman.egi.eu | ism@mailman.egi.eu | CentOS7 | <p>https://github.com/EGI-Foundation/bdii/releases</p> <p>http://repository.egi.eu/sw/production/umd/4/ https://github.com/EGI-Foundation (multiple BDII-related repositories)</p> | <p>http://gridinfo-documentation.readthedocs.io</p> <p>http://bdii.readthedocs.io</p> | <p>https://github.com/EGI-Foundation/bdii/releases</p> | <p>https://github.com/EGI-Foundation/bdii</p> | <ul style="list-style-type: none"> Puppet (CentOS7), to be checked if the Puppet module is OK https://github.com/cernops/puppet-bdii https://github.com/EGI-Foundation/ansible-umd-bdii-role (supported by Bruce Becker and al.) | | Information System Development |

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|------------|-----------------------------|------------|--|---|--------------|---|--|---|---|--|--|-------|-----|
| ARC | Advanced Resource Connector | ARC | Maiken Pedersen maiken.pedersen at usit.uio.no | Balázs Kónya (balazs.konya at hep.lu.se) or Anders Wäänänen (waanänen at nbi.ku.dk) | CentOS7, SL6 | EPEL | http://www.nordugrid.org/arc/releases/ http://www.nordugrid.org/documents/ | http://www.nordugrid.org/arc/releases/ | http://svn.nordugrid.org/ | | | | ARC |
| ARC 6 | Advanced Resource Connector | ARC 6 | Maiken Pedersen maiken.pedersen at usit.uio.no | Balázs Kónya (balazs.konya at hep.lu.se) or Anders Wäänänen (waanänen at nbi.ku.dk) | CentOS7, SL6 | EPEL | http://www.nordugrid.org/arc/arc6/ | http://www.nordugrid.org/arc/releases/ | http://svn.nordugrid.org/ | | | | ARC |
| ARGUS | ARGUS server | ARGUS team | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cnaf.infn.it | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cna f.infn.it | CentOS7, SL6 | http://argus-authz.github.io/repo/ | http://argus-documentation.readthedocs.io/en/latest/ | http://argus-documentation.readthedocs.io/en/latest/release_notes.html#v1-7-0 | | | | ARGUS | |
| VOMS | VOMS server | INFN | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cnaf.infn.it | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cna f.infn.it | SL6 | http://italiangrid.github.io/voms/releases.html | http://italiangrid.github.io/voms/documentation.html | http://italiangrid.github.io/voms/news.html | http://italiangrid.github.io/voms/releases.html | | | | |
| VOMS-admin | VOMS admin | INFN | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cnaf.infn.it | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cna f.infn.it | SL6 | http://italiangrid.github.io/voms/releases.html | http://italiangrid.github.io/voms/documentation.html | http://italiangrid.github.io/voms/news.html | http://italiangrid.github.io/voms/releases.html | | | | |
| StoRM | Storage management system | INFN | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cnaf.infn.it | Andrea Ceccanti andrea.ceccanti<wbr></wbr>@cna f.infn.it | SL6 | http://italiangrid.github.io/storm/download.html | http://italiangrid.github.io/storm/documentation.html | http://italiangrid.github.io/storm/news.html | http://italiangrid.github.io/storm/download.html | | | | |

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|-------------------------|--|----------------------|--|--|----------------------------|---|---|---|---|---|--------------------------|-------------------------------------|
| gLExec | User identity switching tool based on grid credentials | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/grid/GLExec and shipped man-page | NEWS file, shipped or via https://ndpfsyn.nikhef.nl/viewvc/mwsec/trunk/glexec/ NEWS?view=markup | https://ndpfsyn.nikhef.nl/viewvc/mwsec/trunk/glexec/ https://software.nikhef.nl/security/glexec/ | https://ndpfsyn.nikhef.nl/viewvc/mwsec/trunk/glexec/ | N/A (see LCMAPS plugins) | gLite Security |
| gLExec-wn | GLExec Worker Node meta-package | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/grid/Access_Control | changelog of RPM | | | N/A (see LCMAPS plugins) | gLite Security |
| argus-pap | | | | | | | | | | | | |
| XRootD | Extended ROOT file server | | mattias.ellert@physics.uu.se | mattias.ellert@physics.uu.se | CentOS7, SL6 | EPEL | http://www.xrootd.org/ | https://github.com/xrootd/xrootd/blob/master/docs/ReleaseNotes.txt | https://github.com/xrootd/xrootd | | | |
| QCG-Computing | Basic Execution Service (BES) | QCG | qcg@plgrid.pl | qcg@plgrid.pl | CentOS7, SL6 | http://www.qoscosgrid.org/trac/qcg/wiki/Software%20repositories | http://www.qoscosgrid.org/trac/qcg-computing | http://www.qoscosgrid.org/trac/qcg-computing/export/HEAD/tags/current/RELEASE_NOTES#1 | | | N/T | QosCosGrid |
| QCG-Notification | WS-Notification Broker implementation | QCG | qcg@plgrid.pl | qcg@plgrid.pl | CentOS7, SL6 | http://www.qoscosgrid.org/trac/qcg/wiki/Software%20repositories | http://www.qoscosgrid.org/trac/qcg-notification | http://www.qoscosgrid.org/trac/qcg-notification/export/HEAD/tags/current/RELEASE_NOTES#1 | | | N/T | QosCosGrid |
| QCG-Broker | Resource management and brokering service | QCG | qcg@plgrid.pl | qcg@plgrid.pl | SL6 | http://www.qoscosgrid.org/trac/qcg/wiki/Software%20repositories | http://www.qoscosgrid.org/trac/qcg-broker | http://www.qoscosgrid.org/trac/qcg-broker/wiki/qcg-broker-release_notes | | | N/T | QosCosGrid |
| Globus default security | Globus Grid Security Infrastructure (GSI), Globus Common Libraries, Globus Simple CA | Grid Community Forum | mattias.ellert@physics.uu.se | mattias.ellert@physics.uu.se | CentOS7, SL6 | EPEL | https://gridcf.org/gct-docs/gsic/ https://gridcf.org/gct-docs/commonlib/ https://gridcf.org/gct-docs/simpleca/ | https://gridcf.org/gct-docs/gsic/m/ https://gridcf.org/gct-docs/commonlib/rn/ https://gridcf.org/gct-docs/simpleca/rn/ | https://repo.gridcf.org/gct6/sources/https://github.com/gridcf/gct/ | | | |
| Globus GridFTP | Globus GridFTP, Globus Extensible I/O | Grid Community Forum | mattias.ellert@physics.uu.se | mattias.ellert@physics.uu.se | CentOS7, SL6 | EPEL | https://gridcf.org/gct-docs/gridftp/ https://gridcf.org/gct-docs/xio/ | https://gridcf.org/gct-docs/gsic/m/ https://gridcf.org/gct-docs/xio/rn/ | https://repo.gridcf.org/gct6/sources/https://github.com/gridcf/gct/ | | | |
| Globus GRAM5 | Globus Grid Resource Allocation and Management | Grid Community Forum | mattias.ellert@physics.uu.se | mattias.ellert@physics.uu.se | CentOS7, SL6 | EPEL | https://gridcf.org/gct-docs/gram5/ | https://gridcf.org/gct-docs/gram5/rn/ | https://repo.gridcf.org/gct6/sources/https://github.com/gridcf/gct/ | | | |
| MyProxy | MyProxy | Grid Community Forum | mattias.ellert@physics.uu.se | mattias.ellert@physics.uu.se | CentOS7, SL6 | EPEL | https://gridcf.org/gct-docs/myproxy/ | https://gridcf.org/gct-docs/myproxy/rn/ | https://repo.gridcf.org/gct6/sources/https://github.com/gridcf/gct/ | | | |
| caNI-c | Common Authentication Library | CESNET | emi-lb@metacentrum.cz | | SL, CentOS, Debian, Ubuntu | https://github.com/CESNET/cani-c/wiki/Release-Page | https://github.com/CESNET/cani-c/blob/master/README | https://github.com/CESNET/cani-c/wiki/Release-Page | https://github.com/CESNET/cani-c | | Yes | caNI |
| Gridsite | Extract auth information from a certificate in a HTTP session | CESNET | emi-lb@metacentrum.cz | | SL, CentOS, Debian, Ubuntu | https://github.com/CESNET/gridsite/wiki/Grdsite-release-page | https://wiki.metacentrum.cz/gswiki | https://github.com/CESNET/gridsite/wiki/Grdsite-release-page | https://github.com/CESNET/gridsite | | Yes | GridSite |
| FTS3 | low level data movement service, | CERN | fts-support@cern.ch | fts-devel@cern.ch | CentOS7, SL6 | EPEL | http://fts3-docs.web.cern.ch/fts3-docs/ | http://fts.web.cern.ch/sites/fts.web.cern.ch/themes/fts-webpage/releases-jekyll/releases/index.html | https://gitlab.cern.ch/fts | | Yes | FTS Development |
| GFAL2 | Multi-protocol data access library | CERN | dmc-support@cern.ch | dmc-devel@cern.ch | SL6, CentOS7 | EPEL | http://dmc.web.cern.ch/documentation | http://dmc.web.cern.ch/releases | https://gitlab.cern.ch/dmc/gfal2 | | | Data Management Clients Development |

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|-----------------|--|--------|--|--|--------------|--|--|---|---|---|--|-------------------------------------|
| Davix | High performance HTTP access library | CERN | dmc-support@cern.ch | dmc-devel@cern.ch | SL6, CentOS7 | EPEL | http://dmc-docs.web.cern.ch/dmc-docs/docs/davix-epel/html/ | http://dmc.web.cern.ch/releases | https://github.com/cern-it-sdc-id/davix | | | Data Management Clients Development |
| DPM | Disk storage management | CERN | hep-service-dpm@cern.ch | dpm-devel@cern.ch | SL6, CentOS7 | EPEL | http://lcgdm.web.cern.ch/news2 | http://lcgdm.web.cern.ch/releases | http://svn.cern.ch/guest/lcgdm/lcg-dm/ | | yes | DPM Development |
| Dynafed | Dynamic HTTP storage federator | CERN | hep-service-dpm@cern.ch | dpm-devel@cern.ch | SL6, CentOS7 | EPEL | https://svnweb.cern.ch/trac/lcgdm/wiki/Dynafeds | http://lcgdm.web.cern.ch/releases | http://svn.cern.ch/guest/lcgdm/ugr/ | | yes | Dynafed Development |
| edg-mkgridmap | | CERN | Maarten.Litmaath@cern.ch | Maarten.Litmaath@cern.ch | SL6, CentOS7 | | | | | | | |
| lcas-lcmags-gt4 | A Globus GSI-AuthZ callout to run (optionally LCAS and) LCMAPS | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/Grid/Site_Access_Control and shipped manpages | NEWS file, shipped or via https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas-lcmags-gt4-interface/https://software.nikhef.nl/security/lcas-lcmags-gt4-interface/ | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas-lcmags-gt4-interface/https://software.nikhef.nl/security/lcas-lcmags-gt4-interface/ | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas-lcmags-gt4-interface/https://software.nikhef.nl/security/lcas-lcmags-gt4-interface/ | yes | gLite Security |
| LCMAPS | Grid (X.509) and VOMS credentials to local account mapping library | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/Grid/Site_Access_Control and shipped manpage | NEWS file, shipped or via https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcmags/https://software.nikhef.nl/security/lcmags/ | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcmags/https://software.nikhef.nl/security/lcmags/ | lrn (via https://software.nikhef.nl/dist/mwsec/rpm/) | N/A (see plugins) | gLite Security |
| LCMAPS plugins | Plugins for LCMAPS (see above) | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/Grid/Site_Access_Control , various sub-pages and shipped manpages | NEWS file, shipped or via https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcmags-plugins-*/NEWS?view=markup | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcmags-plugins-*/NEWS?view=markup | see LCMAPS | all but -scas-client (fixed for 0.5.7-1) | gLite Security |
| LCAS | Authorization service for grid credentials | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/Grid/Site_Access_Control and shipped manpages | NEWS file, shipped or via https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas/NEWS?view=markup | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas/https://software.nikhef.nl/security/lcas/ | | N/A (no network plugins) | gLite security |
| LCAS plugins | various plugins for LCAS | Nikhef | grid-mw-security-support@nikhef.nl | grid-mw-security-support@nikhef.nl | CentOS7, SL6 | https://software.nikhef.nl/dist/mwsec/rpm/ | https://wiki.nikhef.nl/Grid/Site_Access_Control and shipped manpages | NEWS file, shipped or via https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas-plugins-*/NEWS?view=markup | https://ndpfsvn.nikhef.nl/viewvc/mwsec/trunk/lcas-plugins-*/NEWS?view=markup | | N/A (no network plugins) | gLite security |
| CVMFS | Software distribution service | CERN | cvmfs-grid-support@cern.ch | cvmfs-grid-support@cern.ch | CentOS7, SL6 | https://download.opensuse.org/repositories/home:/cvmfs:/contrib-egi/ http://cvmrepo.web.cern.ch/cvmrepo/yum/cvmfs/ | https://github.com/cvmfs-contrib/egi-cvmfs/blob/master/README.md https://cvmfs.readthedocs.io/en/stable/ | https://cvmfs.readthedocs.io/en/stable/cpt-releasenotes.html | https://github.com/cvmfs-contrib/egi-cvmfs https://github.com/cvmfs/cvmfs | | Yes | CVMFS |
| WN | The metapackage for WN Clients | EGI | | | CentOS7 | UMD Preview Repo | https://twiki.cern.ch/twiki/bin/view/LCG/EL7WNMiddleware#Description | https://twiki.cern.ch/twiki/bin/view/LCG/EL7WNMiddleware#ChangeLog | GitHub | | Yes | EMI WN |
| UI | The metapackage for UI Clients | EGI | | | CentOS7 | UMD Preview Repo | https://twiki.cern.ch/twiki/bin/view/LCG/EL7UIMiddleware#Description | https://twiki.cern.ch/twiki/bin/view/LCG/EL7UIMiddleware#ChangeLog | GitHub | | Yes | EMI UI |
| yaim | | CERN | Maarten.Litmaath@cern.ch | Maarten.Litmaath@cern.ch | SL6, CentOS7 | https://twiki.cern.ch/twiki/bin/view/EGEE/YAIMreleaseNotes | https://twiki.cern.ch/twiki/bin/view/EGEE/YAIM | https://twiki.cern.ch/twiki/bin/view/EGEE/YAIMreleaseNotes | | | | |

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| Onedata Client | Onedata command line client | ACC Cyfronet AGH | ldutka@agh.edu.pl , bkryza@agh.edu.pl | | CentOS7, SL6, Ubuntu Xenial | | https://onedata.org/#/home/documentation/doc/using_onedata/oneclient.html | https://github.com/onedata/oneclient/blob/develop/CHANGELOG.md | | oneclient -h | NO | TBD |
| HTCondor-CE | Suite of services for a Compute Element | CHTC (UW-Madison) | jfrey@cs.wisc.edu | jfrey@cs.wisc.edu | CentOS7, SL6 | https://research.cs.wisc.edu/htcondor/downloads/ | http://research.cs.wisc.edu/htcondor/manual/ | http://research.cs.wisc.edu/htcondor/manual/v8.8/VersionHistoryandReleaseNotes.html | https://github.com/htcondor | None | Yes | TBD |
| EOS | EOS is an open-source storage software solution to manage multi-PB setups | CERN | Email: eos-support@cern.ch Web: https://eos-web.web.cern.ch/eos-web/ | Email: eos-support@cern.ch Web: https://eos-web.web.cern.ch/eos-web/ | CentOS7 | https://eos-docs.web.cern.ch/ | https://eos-docs.web.cern.ch/ | | | | | |