

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

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/italiagrid</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

ARC	Advanced Resource Connector	ARC	Maiken Pedersen maiken.pedersen at usit.uio.no	Balázs Kónya (balazs.konya at hep.lu.se) or Anders Wäänänen (waananen 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 (waananen 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				

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

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://ndpfsvn.nikhef.nl/viewvc/mwsec-utilities/lgt_test/	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/https://software.nikhef.nl/security/	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/https://software.nikhef.nl/security/		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				

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/					