

Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal

| | | | |
|-------------------------|--------------------|-------------------------------|-------------|
| Name of the component | DPM SL6/SL5 | | |
| Release | 1.8.6 | RT Ticket | #5457 #5458 |
| Software Provider | EMI2 | | |
| Release Contact | Name: | E-Mail | |
| | Cristina Aiftimiei | cristina.aiftimiei@pd.infn.it | |
| Validator | Name: | E-Mail | |
| | Esteban Freire | esfreire@cesga.es | |
| V. Hours Worked | 10 | | |
| Component status | Verified | Date | 15/05/13 |
| Verification start date | 15/05/13 | Verification end date | 21/05/13 |

Summary:

No important issues found during verification process. DPM service also works using SHA-2 host certificates without problems.

GGUS Tickets:

None

Summary of Quality Criteria verification:

| | Generic Quality Criteria Total (Critical/Non critical) | | | |
|------------|--|------------|----------------|-------|
| | Passed | Not passed | Not Applicable | Total |
| TP | | | | |
| VLD | 12 | 0 | 0 | 12 |
| | Specific Quality Criteria | | | |
| TP | | | | |
| VLD | 14 | 0 | 0 | 14 |

| Criteria | Accepted (Y/N/N) | Tested (TP/VLD) | Comments |
|--|------------------|-----------------|----------|
| DOCUMENTATION QC | | | |
| GENERIC_DOC_1 (Functional Description) | Y | VLD | |
| GENERIC_DOC_2 (Release Notes) | Y | VLD | |
| GENERIC_DOC_3 (User Documentation) | Y | VLD | |
| GENERIC_DOC_4 (Online help (man pages)) | Y | VLD | |
| GENERIC_DOC_5 (API Documentation) | Y | VLD | |
| GENERIC_DOC_6 (Administrator Documentation) | Y | VLD | |
| GENERIC_DOC_7 (Service Reference Card) | Y | VLD | |
| GENERIC_DOC_8 (Software License) | Y | VLD | |
| GENERIC_DOC_9 (Release changes testing) | Optional | | |
| SOFTWARE DISTRIBUTION QC | | | |
| GENERIC_DIST_1 (Source Code Availability) | Y | VLD | |
| GENERIC_DIST_3 (Binary Distribution) | Y | VLD | |
| SOFTWARE FEATURES QC | | | |
| GENERIC_SOFT_1 (Backwards Compatibility) | Y | VLD | |
| GENERIC_SOFT_2 (New features testing) | Y | VLD | |
| SERVICE CRITERIA QC | | | |
| GENERIC_SERVICE_1 (Service control and status) | Y | VLD | |
| GENERIC_SERVICE_2 (Log Files) | Y | VLD | |
| GENERIC_SERVICE_3 (Service Reliability) | Optional | | |
| GENERIC_SERVICE_4 (Service Robustness) | Optional | | |
| GENERIC_SERVICE_5 (Automatic Configuration) | Optional | | |
| GENERIC_SERVICE_6 (Default Password Configuration) | Y | VLD | |
| GENERIC_SERVICE_7 (Default Configuration) | Y | VLD | |
| SECURITY QC | | | |
| GENERIC_SEC_1 (World Writable Files) | | | |
| GENERIC_SEC_3 (Passwords in world readable files) | | | |
| MISCELLANEOUS QC | | | |
| GENERIC_MISC_1 (Bug Tracking System) | Y | VLD | |
| AUTHENTICATION QC | | | |
| AUTHN_CRED_1 (X.509 Certificate support) | Y | VLD | |
| AUTHN_CRED_2 (SHA2 Certificate support) | Optional | | |
| AUTHN_CRED_3 (RFC Proxy support) | Optional | | |
| AUTHN_PROTO_1 (TLSSSLv3 Support) | Y | VLD | |
| AUTHN_DELEG_1 (Delegation Interface) | Y | VLD | |
| AUTHORISATION QC | | | |
| AUTHZ_PCYDEF_3 (Ban UserGroup of users) | Y | VLD | |
| AUTHZ_PCYDEF_4 (Allowed users definition) | Y | VLD | |
| AUTHZ_PEP_2 (User Mapping) | Y | VLD | |
| FILE ACCESS QC | | | |
| FILEACC_API_1 (POSIX Read file access) | Optional | | |
| FILEACC_API_2 (POSIX Write file access) | Optional | | |
| FILE TRANSFER QC | | | |
| FILETRANS_API_1 (GridFTP File Access) | Y | VLD | |
| FILETRANS_API_2 (HTTPS File Access) | | | |
| FILETRANS_API_3 (WebDAV File Access) | Optional | | |
| STORAGE MANAGEMENT QC | | | |
| STORAGE_API_1 (SRM API Support) | | | |
| STORAGE_API_2 (LCGUTILS test) | | | |
| STORAGE_DEVICE_1 (Information retrieval) | Y | VLD | |
| STORAGE_DEVICE_2 (Fine grained authorization) | Optional | | |
| STORAGE_DEVICE_3 (Space reservations) | Optional | | |
| STORAGE_DEVICE_4 (Checksum) | Optional | | |
| MONITORING PROBES QC | | | |
| MON_PROBE_GENERIC_1 (Certificate Lifetime Probe) | Optional | | |
| MON_PROBE_GENERIC_2 (Service Probe) | Optional | | |
| MON_PROBE_STORAGE_1 (SRM Probes) | Y | VLD | |

Validator comments:
SL5

== Verifying EMI.dpm.sl5.x86_64-1.8.6 ==

*** <https://rt.egi.eu/rt/Ticket/Display.html?id=5457>**

*** <https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Admin/Install>**

{{{

[root@test08 yum.repos.d]# cat EMI.dpm.sl5.x86_64.repo

**# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(5457,1105,1030)**

[EMI.dpm.sl5.x86_64]

name=EMI.dpm.sl5.x86_64

baseurl=http://admin-repo.egi.eu/sw/unverified/umd-2.emi.dpm.sl5.x86_64/1/8/7/

enabled=1

protect=1

priority=1

gpgcheck=1

gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi

}}}

*** Installing the DPM UMD-2**

{{{

yum install emi-dpm_mysql emi-dpm_disk

=====

| Package Repository | Arch Size | Version |
|-------------------------------|----------------------|----------------|
|-------------------------------|----------------------|----------------|

=====

Installing:

| | | |
|--|------------------------|--------------------|
| emi-dpm_disk EMI.dpm.sl5.x86_64 | x86_64 3.0 k | 1.8.6-3.el5 |
| emi-dpm_mysql EMI.dpm.sl5.x86_64 | x86_64 3.2 k | 1.8.6-3.el5 |

Installing for dependencies:

| | | |
|--|--------------------------|-------------------------|
| CGSI-gSOAP UMD-2-base | x86_64 69 k | 1.3.5-2.el5 |
| MySQL-python 0.1.c1.el5 | x86_64 sl-base | 1.2.3- 95 k |
| apr sl-base | x86_64 119 k | 1.2.7-11.el5_6.5 |
| apr-util sl-base | x86_64 79 k | 1.2.7-11.el5_5.2 |
| bdii EMI.dpm.sl5.x86_64 | noarch 22 k | 5.2.12-1.el5 |
| boost141-regex epel | x86_64 719 k | 1.41.0-4.el5 |
| distcache sl-base | x86_64 121 k | 1.4.5-14.1 |
| dmlite-libs EMI.dpm.sl5.x86_64 | x86_64 220 k | 0.4.2-1.el5 |

| | | |
|---|------------------------------|-----------------|
| dmlite-plugins-adapter 1.el5 | x86_64 EMI.dpm.sl5.x86_64 | 0.4.0- 81 k |
| dmlite-plugins-mysql EMI.dpm.sl5.x86_64 | x86_64 81 k | 0.4.1-1.el5 |
| dpm EMI.dpm.sl5.x86_64 | x86_64 217 k | 1.8.6-1.el5 |
| dpm-copy-server-mysql 1.el5 | x86_64 EMI.dpm.sl5.x86_64 | 1.8.6- 157 k |
| dpm-devel EMI.dpm.sl5.x86_64 | x86_64 209 k | 1.8.6-1.el5 |
| dpm-dsi UMD-2-base | x86_64 25 k | 1.8.3-2.el5 |
| dpm-libs EMI.dpm.sl5.x86_64 | x86_64 156 k | 1.8.6-1.el5 |
| dpm-name-server-mysql 1.el5 | x86_64 EMI.dpm.sl5.x86_64 | 1.8.6- 137 k |
| dpm-perl EMI.dpm.sl5.x86_64 | x86_64 230 k | 1.8.6-1.el5 |
| dpm-python EMI.dpm.sl5.x86_64 | x86_64 1.2 M | 1.8.6-1.el5 |
| dpm-rfio-server EMI.dpm.sl5.x86_64 | x86_64 89 k | 1.8.6-1.el5 |
| dpm-server-mysql EMI.dpm.sl5.x86_64 | x86_64 115 k | 1.8.6-1.el5 |
| dpm-srm-server-mysql 1.el5 | x86_64 EMI.dpm.sl5.x86_64 | 1.8.6- 381 k |
| dpm-yaim EMI.dpm.sl5.x86_64 | noarch 37 k | 4.2.9-1.el5 |
| edg-mkgridmap UMD-2-base | noarch 27 k | 4.0.0-1 |
| emi-version EMI.dpm.sl5.x86_64 | x86_64 2.0 k | 2.8.0-1.sl5 |
| expect sl-base | x86_64 160 k | 5.43.0-8.el5 |

| | | |
|--------------------------------------|---------------------------|---------------------|
| fetch-curl | noarch | 2.8.5-1.el5 |
| epel | 24 k | |
| glite-info-provider-service | noarch | 1.9.0- |
| 5.el5 | EMI.dpm.sl5.x86_64 | 66 k |
| glite-yaim-bdii | noarch | 4.3.11-1.el5 |
| EMI.dpm.sl5.x86_64 | 9.5 k | |
| glite-yaim-core | noarch | 5.1.0-1.sl5 |
| UMD-2-base | 118 k | |
| globus-authz | x86_64 | 2.2-1.el5 |
| UMD-2-updates | 14 k | |
| globus-authz-callout-error | x86_64 | 2.2-1.el5 |
| UMD-2-updates | 11 k | |
| globus-callout | x86_64 | 2.2-1.el5 |
| UMD-2-updates | 17 k | |
| globus-common | x86_64 | 14.7-1.el5 |
| UMD-2-updates | 132 k | |
| globus-ftp-client | x86_64 | 7.4-1.el5 |
| UMD-2-updates | 109 k | |
| globus-ftp-control | x86_64 | 4.4-1.el5 |
| UMD-2-updates | 74 k | |
| globus-gass-copy | x86_64 | 8.6-1.el5 |
| UMD-2-updates | 38 k | |
| globus-gass-transfer | x86_64 | 7.2-1.el5 |
| UMD-2-updates | 43 k | |
| globus-gfork | x86_64 | 3.2-1.el5 |
| UMD-2-updates | 20 k | |
| globus-gridftp-server | x86_64 | 6.14- |
| 1.1.el5 | UMD-2-updates | 173 k |
| globus-gridftp-server-control | x86_64 | 2.7- |
| 1.el5 | UMD-2-updates | 78 k |
| globus-gridftp-server-progs | x86_64 | 6.14- |
| 1.1.el5 | UMD-2-updates | 48 k |

| | | |
|---|-------------------------------|-------------------|
| globus-gsi-callback UMD-2-updates | x86_64 42 k | 4.3-1.el5 |
| globus-gsi-cert-utils UMD-2-updates | x86_64 20 k | 8.3-1.el5 |
| globus-gsi-credential UMD-2-updates | x86_64 36 k | 5.3-1.el5 |
| globus-gsi-openssl-error UMD-2-updates | x86_64 16 k | 2.1-2.el5 |
| globus-gsi-proxy-core UMD-2-updates | x86_64 37 k | 6.2-1.el5 |
| globus-gsi-proxy-ssl UMD-2-updates | x86_64 18 k | 4.1-2.el5 |
| globus-gsi-sysconfig UMD-2-updates | x86_64 31 k | 5.3-1.el5 |
| globus-gss-assist UMD-2-updates | x86_64 35 k | 8.6-1.el5 |
| globus-gssapi-error UMD-2-updates | x86_64 14 k | 4.1-2.el5 |
| globus-gssapi-gsi UMD-2-updates | x86_64 62 k | 10.7-1.el5 |
| globus-io UMD-2-updates | x86_64 44 k | 9.3-1.el5 |
| globus-openssl-module UMD-2-updates | x86_64 14 k | 3.2-1.el5 |
| globus-usage UMD-2-updates | x86_64 17 k | 3.1-2.el5 |
| globus-xio UMD-2-updates | x86_64 178 k | 3.3-1.el5 |
| globus-xio-gsi-driver UMD-2-updates | x86_64 37 k | 2.3-1.el5 |
| globus-xio-pipe-driver UMD-2-updates | x86_64 17 k | 2.2-1.el5 |
| globus-xio-popen-driver UMD-2-updates | x86_64 21 k | 2.3-1.el5 |

| | | |
|---|-------------------------------------|--------------------------|
| glue-schema EMI.dpm.sl5.x86_64 | noarch 34 k | 2.0.8-2.el5 |
| gridsite EMI.dpm.sl5.x86_64 | x86_64 90 k | 1.7.25-1.emi2.el5 |
| gridsite-libs 1.emi2.el5 | x86_64 EMI.dpm.sl5.x86_64 | 1.7.25- 130 k |
| gsoap epel | x86_64 444 k | 2.7.13-4.el5 |
| httpd sl-security | x86_64 1.3 M | 2.2.3-78.sl5 |
| json-c epel | x86_64 24 k | 0.10-2.el5 |
| lcg-expiregridmapdir UMD-2-base | noarch 6.6 k | 3.0.1-1 |
| lcgdm-dav EMI.dpm.sl5.x86_64 | x86_64 16 k | 0.11.0-2.el5 |
| lcgdm-dav-libs EMI.dpm.sl5.x86_64 | x86_64 40 k | 0.11.0-2.el5 |
| lcgdm-dav-server EMI.dpm.sl5.x86_64 | x86_64 88 k | 0.11.0-2.el5 |
| lcgdm-devel EMI.dpm.sl5.x86_64 | x86_64 44 k | 1.8.6-1.el5 |
| lcgdm-libs EMI.dpm.sl5.x86_64 | x86_64 104 k | 1.8.6-1.el5 |
| libicu sl-base | x86_64 5.2 M | 3.6-5.16.1 |
| libtool-ltdl sl-base | x86_64 38 k | 1.5.22-7.el5_4 |
| libxslt sl-base | x86_64 424 k | 1.1.17-4.el5_8.3 |
| mod_ssl sl-security | x86_64 98 k | 1:2.2.3-78.sl5 |

| | | | |
|----------------------------------|----------------|---------------|-----------------------|
| mysql | | x86_64 | 5.0.95-5.el5_9 |
| sl-security | 4.9 M | | |
| openldap-clients | | x86_64 | 2.3.43- |
| 25.el5_8.1 | sl-base | | 224 k |
| openldap-servers | | x86_64 | 2.3.43- |
| 25.el5_8.1 | sl-base | | 2.2 M |
| perl-Compress-Zlib | | x86_64 | 1.42-1.fc6 |
| sl-base | 52 k | | |
| perl-Convert-ASN1 | | noarch | 0.20-1.1 |
| sl-base | 42 k | | |
| perl-Crypt-SSLeay | | x86_64 | 0.51- |
| 11.el5 | sl-base | | 45 k |
| perl-DBI | | x86_64 | 1.52-2.el5 |
| sl-base | 605 k | | |
| perl-DateManip | | noarch | 5.44-1.2.1 |
| sl-base | 143 k | | |
| perl-HTML-Parser | | x86_64 | 3.55-1.fc6 |
| sl-base | 91 k | | |
| perl-HTML-Tagset | | noarch | 3.10-2.1.1 |
| sl-base | 15 k | | |
| perl-IO-Socket-SSL | | noarch | 1.01-2.el5 |
| sl-base | 50 k | | |
| perl-LDAP | | noarch | 1:0.33-4.el5_8 |
| sl-base | 313 k | | |
| perl-Net-SSLeay | | x86_64 | 1.30-4.fc6 |
| sl-base | 192 k | | |
| perl-TermReadKey | | x86_64 | 2.30- |
| 5.el5 | sl-base | | 32 k |
| perl-URI | | noarch | 1.35-3 |
| sl-base | 116 k | | |
| perl-XML-DOM | | noarch | 1.44-2.el5 |
| epel | 138 k | | |
| perl-XML-Namespacesupport | | noarch | |
| 1.09-1.2.1 | sl-base | | 15 k |

| | | | | |
|-------------------------------------|---------|-----------------|-------|----------------|
| perl-XML-Parser 6.1.2.2.1 | sl-base | x86_64 | 209 k | 2.34- |
| perl-XML-RegExp epel | 8.2 k | noarch | | 0.03-2.el5 |
| perl-XML-SAX sl-base | 77 k | noarch | | 0.14-13.el5 |
| perl-libwww-perl sl-base | 376 k | noarch | | 5.805-1.1.1 |
| postgresql-libs sl-base | 197 k | x86_64 | | 8.1.23-6.el5_8 |
| python-lxml epel | 1.8 M | x86_64 | | 2.0.11-1.el5 |
| python-uuid epel | 14 k | noarch | | 1.30-3.el5 |
| voms EMI.dpm.sl5.x86_64 | | x86_64 164 k | | 2.0.9-1.el5 |

Transaction Summary

```

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=====

```

}}

{{

[root@test08 yum.repos.d]# yum install mysql-server

```

=====
=====
=====
=====
=====

```

| Package Repository | Arch Size | Version |
|--------------------|-----------|---------|
| ===== | ===== | ===== |
| ===== | ===== | ===== |
| ===== | ===== | ===== |
| ===== | ===== | ===== |

Installing:

| | | |
|--------------|--------|----------------|
| mysql-server | x86_64 | 5.1.69-1.el6_4 |
| sl-security | 8.7 M | |

Installing for dependencies:

| | | |
|----------------|--------|--------|
| perl-DBD-MySQL | x86_64 | 4.013- |
| 3.el6 | sl | 133 k |

Transaction Summary

| |
|-------|
| ===== |
| ===== |
| ===== |
| ===== |

Install 2 Package(s)

}}

{{

[root@test08 yum.repos.d]# yum clean all;yum update

Loaded plugins: priorities, security

Cleaning repos: EGI-trustanchors EMI.dpm.sl6.x86_64 UMD-2-base UMD-2-updates epel sl sl-security

Cleaning up Everything

Loaded plugins: priorities, security

EGI-trustanchors
| 951 B 00:00

EGI-trustanchors/primary

| 31 kB 00:00

EGI-trustanchors

215/215

EMI.dpm.sl6.x86_64

| 1.9 kB 00:00

EMI.dpm.sl6.x86_64/primary_db

| 29 kB 00:00

UMD-2-base

| 1.9 kB 00:00

UMD-2-base/primary_db

| 77 kB 00:00

UMD-2-updates

| 1.9 kB 00:00

UMD-2-updates/primary_db

| 447 kB 00:01

epel

| 3.9 kB 00:00

epel/primary_db

| 5.1 MB 00:02

sl

| 3.7 kB 00:00

sl/primary_db

| 4.2 MB 00:23

sl-security

| 3.0 kB 00:00

sl-security/primary_db

| 1.8 MB 00:09

392 packages excluded due to repository priority protections

Setting up Update Process

No Packages marked for Update

}}

*** Running YAIM Reconfiguration (OK)**

{{{

```
[root@se2 etc]# /opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n  
emi_dpm_mysql -n emi_dpm_disk
```

[.....]

Starting mysqld: [OK]

INFO: Setting mysql password on test08.egi.cesga.es.

INFO: Executing function: config_DPM_upgrade_mysql

INFO: Checking for database schema version...

INFO: Database versions used: DPM 3.4.0 - DPNS 3.2.0

INFO: No upgrades needed

INFO: Executing function: config_DPM_info

INFO: Setting up monitoring access for dpm_info on test08.egi.cesga.es

INFO: Executing function: config_DPM_gsiftp

globus-gridftp-server already stopped: [OK]

Starting dpm-gsiftp: [OK]

INFO: Executing function: config_DPM_se

dpnsdaemon already stopped: [OK]

Starting dpnsdaemon: [OK]

dpm already stopped: [OK]

Starting dpm: [OK]

srmv1 already stopped: [OK]

srmv2 already stopped: [OK]

srmv2.2 already stopped: [OK]

Starting srmv2.2: [OK]

dpmcopyd already stopped: [OK]

Starting dpmcopyd: [OK]

INFO: IMPORTANT: A cron job has been installed: /etc/cron.monthly/create-default-dirs-DPM.sh

INFO: IMPORTANT: Run it manually this time (may take quite a while), in order to create the 'generated' directories for the VOs with the correct permission

INFO: IMPORTANT: This is to ensure that the whole VO is able to write in those directories.

INFO: IMPORTANT: The script will run once a month and create the directories for the current and the next month.

INFO: Executing function: config_DPM_disk

**POOL egi-pool DEFSIZE 200.00M GC_START_THRESH 0
GC_STOP_THRESH 0 DEF_LIFETIME 7.0d DEFPINTIME 2.0h
MAX_LIFETIME 1.0m MAXPINTIME 12.0h FSS_POLICY maxfreespace
GC_POLICY lru RS_POLICY fifo GIDS 0 S_TYPE - MIG_POLICY none
RET_POLICY R**

CAPACITY 21.65G FREE 18.94G (87.4%)

test08.egi.cesga.es /storage CAPACITY 21.65G FREE 18.94G (87.4%)

INFO: Executing function: config_DPM_https

INFO: [CONFIG_DPM_HTTPS] Skipping configuration of DPM-https - to activate add DPM_HTTPS="yes" to your <config_dir>/services/<node_type> file!

INFO: Executing function: config_DPM_xrootd

INFO: [CONFIG_DPM_XROOTD] dpm-xrootd is not installed, skipping its configuration

INFO: Executing function: config_DPM_dmlite

INFO: Executing function: config_DPM_dav

WARNING: DPM_DAV set to no. DAV access to DPM will not be configured

INFO: Executing function: config_DPM_semsg

INFO: DPM_SEMSG set to no. SEMsg will not be configured

INFO: Executing function: config_DPM_nfs

WARNING: DPM_NFS set to no. NFS access to DPM will not be configured

INFO: Executing function: config_rfio

INFO: Configuration Complete. [OK]

INFO: YAIM terminated succesfully.

}}

== Testing (OK) ==

*** \$ ldapsearch -x -H ldap://test08.egi.cesga.es:2170 -b o=grid [OK]**

{{

**[esfreire@test13 ~]\$ ldapsearch -x -H ldap://test08.egi.cesga.es:2170 -b
GLUE2GroupID=resource,o=glue objectclass=GLUE2Endpoint**

extended LDIF

#

LDAPv3

base <GLUE2GroupID=resource,o=glue> with scope subtree

filter: objectclass=GLUE2Endpoint

requesting: ALL

#

test08.egi.cesga.es/srm/2.2.0, test08.egi.cesga.es, resource, glue

dn:

GLUE2EndpointID=test08.egi.cesga.es/srm/2.2.0,GLUE2ServiceID=test08.egi.ce

sga.es,GLUE2GroupID=resource,o=glue

GLUE2EntityOtherInfo: MiddlewareName=EMI

GLUE2EntityOtherInfo: MiddlewareVersion=2.8.0-1

GLUE2EndpointWSDL: <http://sdm.lbl.gov/srm-wg/srm.v2.2.wsdl>

GLUE2EndpointQualityLevel: Production

GLUE2EndpointInterfaceName: SRM

objectClass: GLUE2Endpoint

objectClass: GLUE2StorageEndpoint

GLUE2EndpointSemantics: <http://sdm.lbl.gov/srm-wg/doc/SRM.v2.2.html>

GLUE2EndpointHealthStateInfo: DPM server, DPNS server and srmv2.2 server are u

p and running

GLUE2EndpointInterfaceVersion: 2.2.0

GLUE2EndpointURL: <http://test08.egi.cesga.es:8446/srm/managerv2>

GLUE2EndpointIssuerCA: to be defined

GLUE2EndpointCapability: Storage Management

GLUE2EndpointTrustedCA: to be defined

GLUE2EndpointHealthState: ok

GLUE2EndpointServingState: Production

GLUE2EndpointServiceForeignKey: test08.egi.cesga.es

GLUE2EndpointID: test08.egi.cesga.es/srm/2.2.0

GLUE2EndpointTechnology: webservice

search result

search: 2

result: 0 Success

numResponses: 2

numEntries: 1

}}

{{

[esfreire@test13 ~]\$ uberftp test08.egi.cesga.es 'ls /etc/hosts'

220 test08.egi.cesga.es GridFTP Server 6.14 (gcc64, 1342551528-83) [Globus Toolkit 5.2.2] ready.

230 User opssgm003 logged in.

-rw-r--r-- 1 root root 158 Jan 12 14:28 /etc/hosts

}}

{{

**[esfreire@test13 ~]\$ globus-url-copy file:/home/esfreire/test.sh
gsiftp://test08.egi.cesga.es/tmp/deleteme.test**

[esfreire@test13 ~]\$

}}

{{

[root@test08 etc]# ls -lisa /tmp/deleteme.test

98309 4 -rw-r--r-- 1 opssgm003 opssgm 266 May 16 17:07 /tmp/deleteme.test

}}

{{{

```
[esfreire@test13 ~]$ export LCG_GFAL_INFOSYS=test08.egi.cesga.es:2170
```

```
[esfreire@test13 ~]$ export LFC_HOST=test08.egi.cesga.es
```

```
[esfreire@test13 ~]$ lfc-ls /dpm/egi.cesga.es/home/ops
```

}}}

{{{

```
[esfreire@test13 ~]$ lcg-cr -v --vo ops file:/home/esfreire/test.sh -l  
lfn:/dpm/egi.cesga.es/home/ops/my_test -d test08.egi.cesga.es
```

Using grid catalog type: lfc

Using grid catalog : test08.egi.cesga.es

Checksum type: None

SE type: SRMv2

Destination SURL :

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290

Source SRM Request Token: da7e3c3f-0287-4dee-91ce-71c716e496ce

Source URL: file:/home/esfreire/test.sh

File size: 266

VO name: ops

Destination specified: test08.egi.cesga.es

Destination URL for copy:

gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290.1.0

streams: 1

266 bytes 1.79 KB/sec avg 1.79 KB/sec inst

Transfer took 1000 ms

Using grid catalog type: lfc

Using grid catalog : test08.egi.cesga.es

Site URL to be registered:

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290

File size: 266

Using LFN: lfn:/dpm/egi.cesga.es/home/ops/my_test

Using GUID: guid:9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b

Registering LFN: /dpm/egi.cesga.es/home/ops/my_test (9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b)

Registering SURL:

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290 (9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b)

guid:9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b

}}

{{

[esfreire@test13 ~]\$ lfc-ls -l /dpm/egi.cesga.es/home/ops/my_test

```
-rw-rw-r-- 1 101 105 266 May 16 17:09
/dpm/egi.cesga.es/home/ops/my_test
```

[esfreire@test13 ~]\$ dpns-mkdir /dpm/egi.cesga.es/home/ops/mytest

[esfreire@test13 ~]\$ dpns-ls /dpm/egi.cesga.es/home/ops

generated

my_test

mytest

}}

SL6

== Verifying EMI.dpm.sl6.x86_64-1.8.6 ==

*** <https://rt.egi.eu/rt/Ticket/Display.html?id=5458>**

*** <https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Admin/Install>**

{{{

[root@test08 yum.repos.d]# cat EMI.dpm.sl6.x86_64.repo

**# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(5458,1106,1031)**

[EMI.dpm.sl6.x86_64]

name=EMI.dpm.sl6.x86_64

baseurl=http://admin-repo.egi.eu/sw/unverified/umd-2.emi.dpm.sl6.x86_64/1/8/7/

enabled=1

protect=1

priority=1

gpgcheck=1

gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi

}}}

*** Installing the DPM UMD-2**

{{{

yum install emi-dpm_mysql emi-dpm_disk

=====

| Package Repository | Arch Size | Version |
|-------------------------------|----------------------|----------------|
|-------------------------------|----------------------|----------------|

=====

Installing:

| | | |
|---|-------------------------|--------------------|
| emi-dpm_disk EMI.dpm.sl6.x86_64 | x86_64 3.2 k | 1.8.6-3.el6 |
| emi-dpm_mysql EMI.dpm.sl6.x86_64 | x86_64 3.4 k | 1.8.6-3.el6 |

Installing for dependencies:

| | | |
|--|-------------------------|--------------------------|
| CGSI-gSOAP EMI.dpm.sl6.x86_64 | x86_64 38 k | 1.3.5-2.el6 |
| MySQL-python 0.3.c1.1.el6 | sl 85 k | x86_64 1.2.3- |
| alsa-lib sl | x86_64 369 k | 1.0.22-3.el6 |
| apr sl | x86_64 122 k | 1.3.9-5.el6_2 |
| apr-util sl | x86_64 86 k | 1.3.9-3.el6_0.1 |
| apr-util-ldap sl | x86_64 15 k | 1.3.9-3.el6_0.1 |
| at sl | x86_64 59 k | 3.1.10-43.el6_2.1 |
| atk sl | x86_64 190 k | 1.28.0-2.el6 |
| audit-libs-python sl | x86_64 58 k | 2.2-2.el6 |

| | | | |
|---|--------------------|--------|--------------------|
| avahi-libs sl | 53 k | x86_64 | 0.6.25-12.el6 |
| bc sl | 109 k | x86_64 | 1.06.95-1.el6 |
| bdii EMI.dpm.sl6.x86_64 | 22 k | noarch | 5.2.12-1.el6 |
| boost-regex 15.el6_4 | sl-security | x86_64 | 1.41.0-474 k |
| cairo sl | 308 k | x86_64 | 1.8.8-3.1.el6 |
| cdparanoia-libs sl | 47 k | x86_64 | 10.2-5.1.el6 |
| cups sl-security | 2.3 M | x86_64 | 1:1.4.2-50.el6_4.4 |
| cups-libs 50.el6_4.4 | sl-security | x86_64 | 1:1.4.2-316 k |
| cvs sl | 711 k | x86_64 | 1.11.23-15.el6 |
| dbus sl | 206 k | x86_64 | 1:1.2.24-7.el6_3 |
| dmlite-libs EMI.dpm.sl6.x86_64 | 174 k | x86_64 | 0.4.2-1.el6 |
| dmlite-plugins-adapter 1.el6 | EMI.dpm.sl6.x86_64 | x86_64 | 0.4.0-65 k |
| dmlite-plugins-mysql EMI.dpm.sl6.x86_64 | 65 k | x86_64 | 0.4.1-1.el6 |
| dpm EMI.dpm.sl6.x86_64 | 151 k | x86_64 | 1.8.6-1.el6 |
| dpm-copy-server-mysql 1.el6 | EMI.dpm.sl6.x86_64 | x86_64 | 1.8.6-122 k |
| dpm-devel EMI.dpm.sl6.x86_64 | 204 k | x86_64 | 1.8.6-1.el6 |

| | | | |
|---|---------------------------|------------------------|------------------------|
| dpm-dsi EMI.dpm.sl6.x86_64 | | x86_64 23 k | 1.8.3-2.el6 |
| dpm-libs EMI.dpm.sl6.x86_64 | | x86_64 133 k | 1.8.6-1.el6 |
| dpm-name-server-mysql 1.el6 | EMI.dpm.sl6.x86_64 | x86_64 124 k | 1.8.6- |
| dpm-perl EMI.dpm.sl6.x86_64 | | x86_64 168 k | 1.8.6-1.el6 |
| dpm-python EMI.dpm.sl6.x86_64 | | x86_64 204 k | 1.8.6-1.el6 |
| dpm-rfio-server EMI.dpm.sl6.x86_64 | | x86_64 78 k | 1.8.6-1.el6 |
| dpm-server-mysql EMI.dpm.sl6.x86_64 | | x86_64 107 k | 1.8.6-1.el6 |
| dpm-srm-server-mysql 1.el6 | EMI.dpm.sl6.x86_64 | x86_64 289 k | 1.8.6- |
| dpm-yaim EMI.dpm.sl6.x86_64 | | noarch 33 k | 4.2.9-1.el6 |
| ed sl | 71 k | x86_64 | 1.1-3.3.el6 |
| edg-mkgridmap EMI.dpm.sl6.x86_64 | | noarch 27 k | 4.0.0-1 |
| emi-version EMI.dpm.sl6.x86_64 | | x86_64 2.2 k | 2.8.0-1.sl6 |
| expect sl | 255 k | x86_64 | 5.44.1.15-4.el6 |
| fetch-crl epel | 45 k | noarch | 3.0.8-1.el6 |
| finger sl | 21 k | x86_64 | 0.17-39.el6 |
| fontconfig sl | 185 k | x86_64 | 2.8.0-3.el6 |
| foomatic sl | 250 k | x86_64 | 4.0.4-1.el6_1.1 |

| | | | |
|--|---------------------------|---------------|-------------------------|
| foomatic-db 7.20091126.el6 | sl | noarch | 4.0- 979 k |
| foomatic-db-filesystem 7.20091126.el6 | sl | noarch | 4.0- 3.4 k |
| foomatic-db-ppds 7.20091126.el6 | sl | noarch | 4.0- 19 M |
| freetype 14.el6_3.1 | sl | x86_64 | 2.3.11- 358 k |
| gettext sl | 1.8 M | x86_64 | 0.17-16.el6 |
| ghostscript sl | 4.4 M | x86_64 | 8.70-14.el6_3.1 |
| ghostscript-fonts sl | 749 k | noarch | 5.50-23.1.el6 |
| glite-info-provider-service 5.el6 | EMI.dpm.sl6.x86_64 | noarch | 1.9.0- 61 k |
| glite-yaim-bdii EMI.dpm.sl6.x86_64 | | noarch | 4.3.11-1.el6 |
| glite-yaim-core EMI.dpm.sl6.x86_64 | | noarch | 5.1.0-1.sl6 |
| globus-authz UMD-2-updates | | x86_64 | 2.2-1.el6 |
| globus-authz-callout-error UMD-2-updates | 11 k | x86_64 | 2.2-1.el6 |
| globus-callout UMD-2-updates | 17 k | x86_64 | 2.2-1.el6 |
| globus-common UMD-2-updates | 115 k | x86_64 | 14.7-1.el6 |
| globus-ftp-client UMD-2-updates | 94 k | x86_64 | 7.4-1.el6 |
| globus-ftp-control UMD-2-updates | 67 k | x86_64 | 4.4-1.el6 |

| | | |
|--------------------------------------|----------------------|-------------------|
| globus-gass-copy | x86_64 | 8.6-1.el6 |
| UMD-2-updates | 34 k | |
| globus-gass-transfer | x86_64 | 7.2-1.el6 |
| UMD-2-updates | 39 k | |
| globus-gfork | x86_64 | 3.2-1.el6 |
| UMD-2-updates | 19 k | |
| globus-gridftp-server | x86_64 | 6.14- |
| 1.1.el6 | UMD-2-updates | 153 k |
| globus-gridftp-server-control | x86_64 | 2.7- |
| 1.el6 | UMD-2-updates | 70 k |
| globus-gridftp-server-progs | x86_64 | 6.14- |
| 1.1.el6 | UMD-2-updates | 44 k |
| globus-gsi-callback | x86_64 | 4.3-1.el6 |
| UMD-2-updates | 37 k | |
| globus-gsi-cert-utils | x86_64 | 8.3-1.el6 |
| UMD-2-updates | 19 k | |
| globus-gsi-credential | x86_64 | 5.3-1.el6 |
| UMD-2-updates | 32 k | |
| globus-gsi-openssl-error | x86_64 | 2.1-2.el6 |
| UMD-2-updates | 16 k | |
| globus-gsi-proxy-core | x86_64 | 6.2-1.el6 |
| UMD-2-updates | 32 k | |
| globus-gsi-proxy-ssl | x86_64 | 4.1-2.el6 |
| UMD-2-updates | 16 k | |
| globus-gsi-sysconfig | x86_64 | 5.3-1.el6 |
| UMD-2-updates | 27 k | |
| globus-gss-assist | x86_64 | 8.6-1.el6 |
| UMD-2-updates | 32 k | |
| globus-gssapi-error | x86_64 | 4.1-2.el6 |
| UMD-2-updates | 13 k | |
| globus-gssapi-gsi | x86_64 | 10.7-1.el6 |
| UMD-2-updates | 55 k | |
| globus-io | x86_64 | 9.3-1.el6 |
| UMD-2-updates | 39 k | |

| | | | |
|---------------------------------|---------------------------|---------------|--------------------------|
| globus-openssl-module | | x86_64 | 3.2-1.el6 |
| UMD-2-updates | 13 k | | |
| globus-usage | | x86_64 | 3.1-2.el6 |
| UMD-2-updates | 16 k | | |
| globus-xio | | x86_64 | 3.3-1.el6 |
| UMD-2-updates | 159 k | | |
| globus-xio-gsi-driver | | x86_64 | 2.3-1.el6 |
| UMD-2-updates | 34 k | | |
| globus-xio-pipe-driver | | x86_64 | 2.2-1.el6 |
| UMD-2-updates | 17 k | | |
| globus-xio-popen-driver | | x86_64 | 2.3-1.el6 |
| UMD-2-updates | 20 k | | |
| glue-schema | | noarch | 2.0.8-2.el6 |
| EMI.dpm.sl6.x86_64 | 31 k | | |
| gnutls | | x86_64 | 2.8.5-10.el6_4.1 |
| sl-security | 345 k | | |
| gridsite | | x86_64 | 1.7.25-1.emi2.el6 |
| EMI.dpm.sl6.x86_64 | 75 k | | |
| gridsite-libs | | x86_64 | 1.7.25- |
| 1.emi2.el6 | EMI.dpm.sl6.x86_64 | | 86 k |
| gsoap | | x86_64 | 2.7.16-3.el6 |
| epel | 198 k | | |
| gststreamer | | x86_64 | 0.10.29-1.el6 |
| sl | 763 k | | |
| gststreamer-plugins-base | | x86_64 | 0.10.29- |
| 2.el6 | sl | | 939 k |
| gststreamer-tools | | x86_64 | 0.10.29-1.el6 |
| sl | 22 k | | |
| gtk2 | | x86_64 | 2.18.9-12.el6 |
| sl | 3.3 M | | |
| hicolor-icon-theme | | noarch | 0.11-1.1.el6 |
| sl | 39 k | | |

| | | | |
|-----------------------------|--------------|---------------|----------------------|
| httpd | | x86_64 | 2.2.15-28.sl6 |
| sl-security | 820 k | | |
| httpd-tools | | x86_64 | 2.2.15-28.sl6 |
| sl-security | 72 k | | |
| iso-codes | | noarch | 3.16-2.el6 |
| sl | 2.4 M | | |
| jasper-libs | | x86_64 | 1.900.1- |
| 15.el6_1.1 | sl | | 135 k |
| json-c | | x86_64 | 0.10-2.el6 |
| epel | 24 k | | |
| lcg-expiregridmapdir | | noarch | 3.0.1-1 |
| EMI.dpm.sl6.x86_64 | 6.7 k | | |
| lcgdm-dav | | x86_64 | 0.11.0-2.el6 |
| EMI.dpm.sl6.x86_64 | 16 k | | |
| lcgdm-dav-libs | | x86_64 | 0.11.0-2.el6 |
| EMI.dpm.sl6.x86_64 | 34 k | | |
| lcgdm-dav-server | | x86_64 | 0.11.0-2.el6 |
| EMI.dpm.sl6.x86_64 | 74 k | | |
| lcgdm-devel | | x86_64 | 1.8.6-1.el6 |
| EMI.dpm.sl6.x86_64 | 44 k | | |
| lcgdm-libs | | x86_64 | 1.8.6-1.el6 |
| EMI.dpm.sl6.x86_64 | 91 k | | |
| lcms-libs | | x86_64 | 1.19-1.el6 |
| sl | 99 k | | |
| libICE | | x86_64 | 1.0.6-1.el6 |
| sl | 52 k | | |
| libSM | | x86_64 | 1.2.1-2.el6 |
| sl | 36 k | | |
| libX11 | | x86_64 | 1.5.0-4.el6 |
| sl | 584 k | | |
| libX11-common | | noarch | 1.5.0-4.el6 |
| sl | 191 k | | |
| libXau | | x86_64 | 1.0.6-4.el6 |
| sl | 23 k | | |

| | | | |
|----------------------------|-------|--------|--------------|
| libXcomposite sl | 20 k | x86_64 | 0.4.3-4.el6 |
| libXcursor sl | 36 k | x86_64 | 1.1.13-2.el6 |
| libXdamage sl | 17 k | x86_64 | 1.1.3-4.el6 |
| libXext sl | 34 k | x86_64 | 1.3.1-2.el6 |
| libXfixes sl | 23 k | x86_64 | 5.0-3.el6 |
| libXfont sl | 135 k | x86_64 | 1.4.5-2.el6 |
| libXft sl | 54 k | x86_64 | 2.3.1-2.el6 |
| libXi sl | 34 k | x86_64 | 1.6.1-3.el6 |
| libXinerama sl | 19 k | x86_64 | 1.1.2-2.el6 |
| libXrandr sl | 36 k | x86_64 | 1.4.0-1.el6 |
| libXrender sl | 29 k | x86_64 | 0.9.7-2.el6 |
| libXt sl | 183 k | x86_64 | 1.1.3-1.el6 |
| libXtst sl | 28 k | x86_64 | 1.2.1-2.el6 |
| libXv sl | 23 k | x86_64 | 1.0.7-2.el6 |
| libXxf86vm sl | 21 k | x86_64 | 1.1.2-2.el6 |
| libfontenc sl | 24 k | x86_64 | 1.0.5-2.el6 |

| | | | |
|--------------------------------------|-------|--------|------------------|
| libgomp sl | 117 k | x86_64 | 4.4.7-3.el6 |
| libgudev1 sl | 59 k | x86_64 | 147-2.46.el6 |
| libicu sl | 4.9 M | x86_64 | 4.2.1-9.1.el6_2 |
| libjpeg-turbo sl | 173 k | x86_64 | 1.2.1-1.el6 |
| libmng sl | 164 k | x86_64 | 1.0.10-4.1.el6 |
| libogg sl | 20 k | x86_64 | 2:1.1.4-2.1.el6 |
| liboil sl | 120 k | x86_64 | 0.3.16-4.1.el6 |
| libpng sl | 181 k | x86_64 | 2:1.2.49-1.el6_2 |
| libselinux-python 5.3.el6 | sl | x86_64 | 2.0.94- 201 k |
| libsemanage-python 4.2.el6 | sl | x86_64 | 2.0.43- 80 k |
| libtasn1 sl | 237 k | x86_64 | 2.3-3.el6_2.1 |
| libthai sl | 182 k | x86_64 | 0.1.12-3.el6 |
| libtheora sl | 128 k | x86_64 | 1:1.1.0-2.el6 |
| libtiff sl | 341 k | x86_64 | 3.9.4-9.el6_3 |
| libtool-ltdl sl | 43 k | x86_64 | 2.2.6-15.5.el6 |
| libudev sl | 72 k | x86_64 | 147-2.46.el6 |
| libvisual sl | 134 k | x86_64 | 0.4.0-9.1.el6 |

| | | | |
|----------------------------|--------------|---------------|--------------------------|
| libvorbis | | x86_64 | 1:1.2.3-4.el6_2.1 |
| sl | 167 k | | |
| libxcb | | x86_64 | 1.8.1-1.el6 |
| sl | 109 k | | |
| libxslt | | x86_64 | 1.1.26-2.el6_3.1 |
| sl | 451 k | | |
| mailcap | | noarch | 2.1.31-2.el6 |
| sl | 26 k | | |
| make | | x86_64 | 1:3.81-20.el6 |
| sl | 388 k | | |
| mesa-dri-drivers | | x86_64 | 9.0-0.7.el6 |
| sl | 4.1 M | | |
| mesa-dri-filesystem | | x86_64 | 9.0-0.7.el6 |
| sl | 43 k | | |
| mesa-dri1-drivers | | x86_64 | 7.11-8.el6 |
| sl | 3.8 M | | |
| mesa-libGL | | x86_64 | 9.0-0.7.el6 |
| sl | 162 k | | |
| mesa-libGLU | | x86_64 | 9.0-0.7.el6 |
| sl | 224 k | | |
| mod_ssl | | x86_64 | 1:2.2.15-28.sl6 |
| sl-security | 90 k | | |
| mysql | | x86_64 | 5.1.69-1.el6_4 |
| sl-security | 907 k | | |
| openjpeg-libs | | x86_64 | 1.3-9.el6_3 |
| sl | 58 k | | |
| openldap-clients | | x86_64 | 2.4.23-31.el6 |
| sl | 164 k | | |
| openldap-servers | | x86_64 | 2.4.23- |
| 31.el6 | sl | | 2.0 M |
| pango | | x86_64 | 1.28.1-7.el6_3 |
| sl | 349 k | | |

| | | | |
|--|-------|-----------------------|----------------|
| patch sl | 90 k | x86_64 | 2.6-6.el6 |
| pax sl | 68 k | x86_64 | 3.4-10.1.el6 |
| perl-Authen-SASL sl | 50 k | noarch | 2.13-2.el6 |
| perl-CGI sl-security | 207 k | x86_64 | 3.51-130.el6_4 |
| perl-Compress-Raw-Zlib 1:2.020-130.el6_4 | | x86_64 sl-security | 67 k |
| perl-Compress-Zlib 130.el6_4 | | x86_64 sl-security | 2.020- 43 k |
| perl-Convert-ASN1 sl | 42 k | noarch | 0.22-1.el6 |
| perl-Crypt-SSLeay 16.el6 | sl | x86_64 | 0.57- 138 k |
| perl-DBI sl | 704 k | x86_64 | 1.609-4.el6 |
| perl-Date-Manip sl | 1.3 M | noarch | 6.24-1.el6 |
| perl-Digest-HMAC 22.el6 | sl | noarch | 1.01- 21 k |
| perl-Digest-SHA1 sl | 48 k | x86_64 | 2.12-2.el6 |
| perl-ExtUtils-MakeMaker 130.el6_4 | | x86_64 sl-security | 6.55- 291 k |
| perl-ExtUtils-ParseXS 1:2.2003.0-130.el6_4 | | x86_64 sl-security | 43 k |
| perl-GSSAPI sl | 63 k | x86_64 | 0.26-6.el6 |
| perl-HTML-Parser sl | 108 k | x86_64 | 3.64-2.el6 |
| perl-HTML-Tagset sl | 15 k | noarch | 3.20-4.el6 |

| | | | | |
|--|-------------|--------|-------|--------------|
| perl-IO-Compress-Base 130.el6_4 | sl-security | x86_64 | 67 k | 2.020- |
| perl-IO-Compress-Zlib 130.el6_4 | sl-security | x86_64 | 133 k | 2.020- |
| perl-IO-Socket-SSL sl | 68 k | noarch | | 1.31-2.el6 |
| perl-LDAP sl | 353 k | noarch | | 1:0.40-1.el6 |
| perl-Net-LibIDN sl | 34 k | x86_64 | | 0.12-3.el6 |
| perl-Net-SSLeay sl | 172 k | x86_64 | | 1.35-9.el6 |
| perl-TermReadKey 13.el6 | sl | x86_64 | 30 k | 2.30- |
| perl-Test-Harness 130.el6_4 | sl-security | x86_64 | 229 k | 3.17- |
| perl-Test-Simple 130.el6_4 | sl-security | x86_64 | 110 k | 0.92- |
| perl-Text-Iconv sl | 21 k | x86_64 | | 1.7-6.el6 |
| perl-URI sl | 116 k | noarch | | 1.40-2.el6 |
| perl-XML-DOM sl | 135 k | noarch | | 1.44-7.el6 |
| perl-XML-Filter-BufferText 8.el6 | sl | noarch | 8.5 k | 1.01- |
| perl-XML-LibXML 5.el6 | sl | x86_64 | 363 k | 1:1.70- |
| perl-XML-Namespacesupport 1.10-3.el6 | sl | noarch | 16 k | |
| perl-XML-Parser sl | 223 k | x86_64 | | 2.36-7.el6 |

| | | | |
|---|-------------|--------|--------------------|
| perl-XML-RegExp sl | 8.8 k | noarch | 0.03-7.el6 |
| perl-XML-SAX sl | 77 k | noarch | 0.96-7.el6 |
| perl-XML-SAX-Writer 8.el6 | sl | noarch | 23 k 0.50- |
| perl-YAML-Syck sl | 74 k | x86_64 | 1.07-4.el6 |
| perl-devel 130.el6_4 | sl-security | x86_64 | 4:5.10.1- 420 k |
| perl-libwww-perl sl | 386 k | noarch | 5.833-2.el6 |
| phonon-backend-gstreamer 1:4.6.2-26.el6_4 | sl-security | x86_64 | 126 k |
| pixman sl-security | 199 k | x86_64 | 0.26.2-5.el6_4 |
| pkgconfig sl | 69 k | x86_64 | 1:0.23-9.1.el6 |
| polycoreutils-python 19.30.el6 | sl | x86_64 | 2.0.83- 341 k |
| poppler sl | 556 k | x86_64 | 0.12.4-3.el6_0.1 |
| poppler-data sl | 2.2 M | noarch | 0.4.0-1.el6 |
| poppler-utils 3.el6_0.1 | sl | x86_64 | 72 k 0.12.4- |
| portreserve sl | 22 k | x86_64 | 0.0.4-9.el6 |
| python-lxml sl | 2.0 M | x86_64 | 2.2.3-1.1.el6 |
| qt sl-security | 3.9 M | x86_64 | 1:4.6.2-26.el6_4 |
| qt-sqlite sl-security | 50 k | x86_64 | 1:4.6.2-26.el6_4 |

| | | | |
|----------------------------|--------------|---------------|-------------------------|
| qt-x11 | | x86_64 | 1:4.6.2-26.el6_4 |
| sl-security | 12 M | | |
| qt3 | | x86_64 | 3.3.8b-30.el6 |
| sl | 3.5 M | | |
| redhat-lsb | | x86_64 | 4.0-7.el6 |
| sl | 10 k | | |
| redhat-lsb-compat | | x86_64 | 4.0-7.el6 |
| sl | 9.3 k | | |
| redhat-lsb-core | | x86_64 | 4.0-7.el6 |
| sl | 24 k | | |
| redhat-lsb-graphics | | x86_64 | 4.0-7.el6 |
| sl | 12 k | | |
| redhat-lsb-printing | | x86_64 | 4.0-7.el6 |
| sl | 10 k | | |
| setools-libs | | x86_64 | 3.3.7-4.el6 |
| sl | 399 k | | |
| setools-libs-python | | x86_64 | 3.3.7-4.el6 |
| sl | 221 k | | |
| tcl | | x86_64 | 1:8.5.7-6.el6 |
| sl | 1.9 M | | |
| time | | x86_64 | 1.7-37.1.el6 |
| sl | 25 k | | |
| tmpwatch | | x86_64 | 2.9.16-4.el6 |
| sl | 30 k | | |
| urw-fonts | | noarch | 2.4-10.el6 |
| sl | 3.0 M | | |
| voms | | x86_64 | 2.0.9-1.el6 |
| EMI.dpm.sl6.x86_64 | | 136 k | |
| xml-common | | noarch | 0.6.3-32.el6 |
| sl | 8.4 k | | |
| xorg-x11-font-utils | | x86_64 | 1:7.2-11.el6 |
| sl | 74 k | | |

Transaction Summary

```
=====
=====
=====
=====
```

}}

{{

```
[root@test08 yum.repos.d]# yum install mysql-server
```

```
=====
=====
=====
=====
```

| Package Repository | Arch Size | Version |
|-----------------------|--------------|---------|
|-----------------------|--------------|---------|

```
=====
=====
=====
=====
```

Installing:

| | | |
|--------------|--------|----------------|
| mysql-server | x86_64 | 5.1.69-1.el6_4 |
| sl-security | 8.7 M | |

Installing for dependencies:

| | | |
|----------------|--------|--------|
| perl-DBD-MySQL | x86_64 | 4.013- |
| 3.el6 | sl | 133 k |

Transaction Summary

```
=====
=====
=====
=====
```

Install 2 Package(s)

}}

{{

[root@test08 yum.repos.d]# yum clean all;yum update

Loaded plugins: priorities, security

Cleaning repos: EGI-trustanchors EMI.dpm.sl6.x86_64 UMD-2-base UMD-2-updates epel sl sl-security

Cleaning up Everything

Loaded plugins: priorities, security

EGI-trustanchors

| 951 B 00:00

EGI-trustanchors/primary

| 31 kB 00:00

EGI-trustanchors

215/215

EMI.dpm.sl6.x86_64

| 1.9 kB 00:00

EMI.dpm.sl6.x86_64/primary_db

| 29 kB 00:00

UMD-2-base

| 1.9 kB 00:00

UMD-2-base/primary_db

| 77 kB 00:00

UMD-2-updates

| 1.9 kB 00:00

UMD-2-updates/primary_db

| 447 kB 00:01

epel

| 3.9 kB 00:00

epel/primary_db
| 5.1 MB 00:02

sl
| 3.7 kB 00:00

sl/primary_db
| 4.2 MB 00:23

sl-security
| 3.0 kB 00:00

sl-security/primary_db
| 1.8 MB 00:09

392 packages excluded due to repository priority protections

Setting up Update Process

No Packages marked for Update

}}

* Running YAIM Reconfiguration (OK)

{{

```
[root@se2 etc]# /opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n  
emi_dpm_mysql -n emi_dpm_disk
```

[.....]

Starting mysqld: [OK]

INFO: Setting mysql password on test08.egi.cesga.es.

INFO: Executing function: config_DPM_upgrade_mysql

INFO: Checking for database schema version...

INFO: Database versions used: DPM 3.4.0 - DPNS 3.2.0

INFO: No upgrades needed

INFO: Executing function: config_DPM_info

INFO: Setting up monitoring access for dpm_info on test08.egi.cesga.es

INFO: Executing function: config_DPM_gsiftp

globus-gridftp-server already stopped: [OK]

Starting dpm-gsiftp: [OK]

INFO: Executing function: config_DPM_se

dpnsdaemon already stopped: [OK]

Starting dpnsdaemon: [OK]

dpm already stopped: [OK]

Starting dpm: [OK]

srmv1 already stopped: [OK]

srmv2 already stopped: [OK]

srmv2.2 already stopped: [OK]

Starting srmv2.2: [OK]

dpmcopyd already stopped: [OK]

Starting dpmcopyd: [OK]

INFO: IMPORTANT: A cron job has been installed: /etc/cron.monthly/create-default-dirs-DPM.sh

INFO: IMPORTANT: Run it manually this time (may take quite a while), in order to create the 'generated' directories for the VOs with the correct permission

INFO: IMPORTANT: This is to ensure that the whole VO is able to write in those directories.

INFO: IMPORTANT: The script will run once a month and create the directories for the current and the next month.

INFO: Executing function: config_DPM_disk

**POOL egi-pool DEFSIZE 200.00M GC_START_THRESH 0
GC_STOP_THRESH 0 DEF_LIFETIME 7.0d DEFPINTIME 2.0h
MAX_LIFETIME 1.0m MAXPINTIME 12.0h FSS_POLICY maxfreespace
GC_POLICY lru RS_POLICY fifo GIDS 0 S_TYPE - MIG_POLICY none
RET_POLICY R**

CAPACITY 21.65G FREE 18.94G (87.4%)

test08.egi.cesga.es /storage CAPACITY 21.65G FREE 18.94G (87.4%)

INFO: Executing function: config_DPM_https

INFO: [CONFIG_DPM_HTTPS] Skipping configuration of DPM-https - to activate add DPM_HTTPS="yes" to your <config_dir>/services/<node_type> file!

INFO: Executing function: config_DPM_xrootd

INFO: [CONFIG_DPM_XROOTD] dpm-xrootd is not installed, skipping its configuration

INFO: Executing function: config_DPM_dmlite

INFO: Executing function: config_DPM_dav

WARNING: DPM_DAV set to no. DAV access to DPM will not be configured

INFO: Executing function: config_DPM_semsg

INFO: DPM_SEMSG set to no. SEMsg will not be configured

INFO: Executing function: config_DPM_nfs

WARNING: DPM_NFS set to no. NFS access to DPM will not be configured

INFO: Executing function: config_rfio

INFO: Configuration Complete. [OK]

INFO: YAIM terminated succesfully.

}}

== Testing (OK) ==

*** \$ ldapsearch -x -H ldap://test08.egi.cesga.es:2170 -b o=grid [OK]**

{{


```
[esfreire@test13 ~]$ ldapsearch -x -H ldap://test08.egi.cesga.es:2170 -b
GLUE2GroupID=resource,o=glue objectclass=GLUE2Endpoint

# extended LDIF

#

# LDAPv3

# base <GLUE2GroupID=resource,o=glue> with scope subtree

# filter: objectclass=GLUE2Endpoint

# requesting: ALL

#

# test08.egi.cesga.es/srm/2.2.0, test08.egi.cesga.es, resource, glue

dn:
GLUE2EndpointID=test08.egi.cesga.es/srm/2.2.0,GLUE2ServiceID=test08.egi.ce
sga.es,GLUE2GroupID=resource,o=glue

GLUE2EntityOtherInfo: MiddlewareName=EMI

GLUE2EntityOtherInfo: MiddlewareVersion=2.8.0-1

GLUE2EndpointWSDL: http://sdm.lbl.gov/srm-wg/srm.v2.2.wsdl

GLUE2EndpointQualityLevel: Production

GLUE2EndpointInterfaceName: SRM

objectClass: GLUE2Endpoint

objectClass: GLUE2StorageEndpoint

GLUE2EndpointSemantics: http://sdm.lbl.gov/srm-wg/doc/SRM.v2.2.html

GLUE2EndpointHealthStateInfo: DPM server, DPNS server and srmv2.2 server
are u

p and running

GLUE2EndpointInterfaceVersion: 2.2.0

GLUE2EndpointURL: http://test08.egi.cesga.es:8446/srm/managerv2
```

GLUE2EndpointIssuerCA: to be defined
GLUE2EndpointCapability: Storage Management
GLUE2EndpointTrustedCA: to be defined
GLUE2EndpointHealthState: ok
GLUE2EndpointServingState: Production
GLUE2EndpointServiceForeignKey: test08.egi.cesga.es
GLUE2EndpointID: test08.egi.cesga.es/srm/2.2.0
GLUE2EndpointTechnology: webservice

search result

search: 2

result: 0 Success

numResponses: 2

numEntries: 1

}}

{{

[esfreire@test13 ~]\$ uberftp test08.egi.cesga.es 'ls /etc/hosts'

220 test08.egi.cesga.es GridFTP Server 6.14 (gcc64, 1342551528-83) [Globus Toolkit 5.2.2] ready.

230 User opssgm003 logged in.

-rw-r--r-- 1 root root 158 Jan 12 14:28 /etc/hosts

}}

{{{

```
[esfreire@test13 ~]$ globus-url-copy file:/home/esfreire/test.sh  
gsiftp://test08.egi.cesga.es/tmp/deleteme.test
```

```
[esfreire@test13 ~]$
```

}}}

{{{

```
[root@test08 etc]# ls -lisa /tmp/deleteme.test
```

```
98309 4 -rw-r--r-- 1 opssgm003 opssgm 266 May 16 17:07 /tmp/deleteme.test
```

}}}

{{{

```
[esfreire@test13 ~]$ export LCG_GFAL_INFOSYS=test08.egi.cesga.es:2170
```

```
[esfreire@test13 ~]$ export LFC_HOST=test08.egi.cesga.es
```

```
[esfreire@test13 ~]$ lfc-ls /dpm/egi.cesga.es/home/ops
```

}}}

{{{

```
[esfreire@test13 ~]$ lcg-cr -v --vo ops file:/home/esfreire/test.sh -l  
lfn:/dpm/egi.cesga.es/home/ops/my_test -d test08.egi.cesga.es
```

Using grid catalog type: lfc

Using grid catalog : test08.egi.cesga.es

Checksum type: None

SE type: SRMv2

Destination SURL :

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290

Source SRM Request Token: da7e3c3f-0287-4dee-91ce-71c716e496ce

Source URL: file:/home/esfreire/test.sh

File size: 266

VO name: ops

Destination specified: test08.egi.cesga.es

Destination URL for copy:

gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290.1.0

streams: 1

266 bytes 1.79 KB/sec avg 1.79 KB/sec inst

Transfer took 1000 ms

Using grid catalog type: lfc

Using grid catalog : test08.egi.cesga.es

Site URL to be registered:

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290

File size: 266

Using LFN: lfn:/dpm/egi.cesga.es/home/ops/my_test

Using GUID: guid:9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b

Registering LFN: /dpm/egi.cesga.es/home/ops/my_test (9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b)

Registering SURL:

srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-05-16/file091b6329-fc8a-4ff7-bb25-9fdc8b867290 (9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b)

guid:9d01d8a4-d1b5-45fe-820e-fcaebe04cc6b

}}

{{{

```
[esfreire@test13 ~]$ lfc-ls -l /dpm/egi.cesga.es/home/ops/my_test
```

```
-rw-rw-r-- 1 101 105          266 May 16 17:09  
/dpm/egi.cesga.es/home/ops/my_test
```

```
[esfreire@test13 ~]$ dpns-mkdir /dpm/egi.cesga.es/home/ops/mytest
```

```
[esfreire@test13 ~]$ dpns-ls /dpm/egi.cesga.es/home/ops
```

```
generated
```

```
my_test
```

```
mytest
```

```
}}}
```

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

| Test number | Description | Motivation |
|-------------|-------------|------------|
| | | |
| | | |
| | | |

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

| Test number | Description | Motivation |
|-------------|-------------|------------|
| | | |
| | | |
| | | |

Comments for UMD QC definition (TSA2.2):

- Review criteria xxxx
- Add criteria xxxx

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: