

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

| | | | |
|-------------------------|---------------------|-------------------------------|----------|
| Name of the component | DPM_mysql | | |
| Release | 1.8.3 Minor release | RT Ticket | #3687 |
| Software Provider | EMI | | |
| Release Contact | Name: | E-Mail | |
| | Cristina Aiftimiei | cristina.aiftimiei@pd.infn.it | |
| Validator | Name: | E-Mail | |
| | Álvaro Simón | asimon@cesga.es | |
| V. Hours Worked | 3 | | |
| Component status | Verified | Date | 07/04/12 |
| Verification start date | 07/04/12 | Verification end date | 07/04/12 |

Summary:
DPM_mysql was installed and configured 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 | 16 | 0 | 0 | 16 |
| | Specific Quality Criteria | | | |
| TP | | | | |
| VLD | 14 | 0 | 0 | 14 |

Quality Criteria verification cheatsheet:

| Criteria | Accepted (Y/N/NA) | Tested (TP/VLD) | Comments |
|---|-------------------|-----------------|----------------------------|
| Generic QC | | | |
| GENERIC_DOC_1 (Functional Description) | 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) | Y | VLD | |
| GENERIC_DIST_1 (Source Code Availability) | Y | VLD | |
| GENERIC_DIST_2 (Source Distribution) | Y | VLD | |
| GENERIC_DIST_3 (Binary Distribution) | Y | VLD | |
| GENERIC_SERVICE_1 (Service control and status) | Y | VLD | |
| GENERIC_SERVICE_2 (Log Files) | Y | VLD | |
| GENERIC_SERVICE_3 (Service Reliability) | Y | VLD | |
| GENERIC_SERVICE_4 (Service Robustness) | Y | VLD | |
| GENERIC_SERVICE_4 (Automatic Configuration) | Y | VLD | |
| GENERIC_SEC_1 (World Writable Files) | Optional | | |
| GENERIC_SEC_2 (Directory Traversal Attacks testing) | Y | VLD | |
| Security Capabilities QC | | | |
| GENERIC_MISC_2 (Bug Tracking System) | Y | VLD | |
| AUTHN_IFACE_1 (X.509 Certificate support) | Optional | | |
| AUTHN_IFACE_2 (SAML authentication) | TBD | | |
| AUTHZ_PCYDEF_2 (Policy Definition from file) | Optional | VLD | Not tested. Minor release. |
| AUTHZ_PCYDEF_3 (Ban UserFQAN) | Optional | VLD | Not tested. Minor release. |
| AUTHZ_PDP_1 (XACML Interface) | Optional | VLD | Not tested. Minor release. |
| AUTHZ_PEP_1 (Policy Enforcement) | Optional | VLD | Not tested. Minor release. |
| Information Capabilities QC | | | |
| INFOMODEL_SCHEMA_1 (GlueSchema Support) | Y | VLD | |
| Storage Capabilities QC | | | |
| FILECRYPT_FILE_2 (File Encryption/Decryption into grid storage) | Optional | | |
| FILEACC_API_1 (POSIX Read file access) | Optional | | |
| FILEACC_API_2 (POSIX Write file access) | Optional | VLD | Not tested. Minor release. |
| FILETRANS_API_1 (GridFTP File Access) | Optional | | |
| FILETRANS_API_2 (HTTPS File Access) | Optional | | |
| FILETRANSFSCH_MGMT_2 (End to end file transfer operation) | Optional | VLD | Not tested. Minor release. |
| STORAGE_API_1 (SRM API Support) | Optional | VLD | Not tested. Minor release. |
| STORAGE_API_2 (LCG-UTILS test) | Optional | VLD | Not tested. Minor release. |
| STORAGE_DEVICE_1 (Information retrieval) | Optional | VLD | Not tested. Minor release. |

Validator comments: DPM 1.8.3

```
# wget http://admin-repo.egi.eu/sw/unverified/emi.dpm.s15.x86_64/1/8/3/repofiles/EMI.dpm.s15.x86_64.repo

# cat EMI.dpm.s15.x86_64.repo
{{{
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (3687,455,381)

[EMI.dpm.s15.x86_64]
name=EMI.dpm.s15.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/emi.dpm.s15.x86_64/1/8/3/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi
}}

{{{
=====
Package                               Arch                               Version
Repository                             Size
=====
Installing:
dpm-copy-server-mysql                 x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    155 k
  replacing DPM-copy-server-mysql.x86_64 1.8.2-3sec.s15

dpm-dsi                               x86_64                             1.8.3-2.e15
EMI.dpm.s15.x86_64                    25 k
  replacing DPM-DSI.x86_64 1.8.1-0sec.s15

dpm-name-server-mysql                 x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    115 k
  replacing DPM-name-server-mysql.x86_64 1.8.2-3sec.s15

dpm-perl                              x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    228 k
  replacing perl-dpm.x86_64 1.8.2-3sec.s15

dpm-python                           x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    1.2 M
  replacing python-dpm.x86_64 1.8.2-3sec.s15

dpm-rfio-server                       x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    88 k
  replacing DPM-rfio-server.x86_64 1.8.2-3sec.s15

dpm-server-mysql                     x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    109 k
  replacing DPM-server-mysql.x86_64 1.8.2-3sec.s15

dpm-srm-server-mysql                 x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    377 k
  replacing DPM-srm-server-mysql.x86_64 1.8.2-3sec.s15

lcgdm-dav                             x86_64                             0.7.1-1.e15
EMI.dpm.s15.x86_64                    17 k
  replacing DPM-httpd-client.noarch 1.2.1-4sec.s15

lcgdm-dav-server                     x86_64                             0.7.1-1.e15
EMI.dpm.s15.x86_64                    73 k
  replacing mod_dpmpout.x86_64 1.2.1-3sec.s15

Updating:
dpm                                   x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    215 k
dpm-devel                             x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    208 k
dpm-libs                              x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    155 k
dpm-yaim                              noarch                             4.2.7-1.e15
EMI.dpm.s15.x86_64                    33 k
emi-dpm_disk                          x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    2.3 k
emi-dpm_mysql                         x86_64                             1.8.3-1.e15
EMI.dpm.s15.x86_64                    2.5 k
}}}}
```

| | | |
|------------------------------|--------|--------------|
| emi-version | x86_64 | 1.11.0-1.s15 |
| EMI.dpm.s15.x86_64 | 2.0 k | |
| lcgdm-devel | x86_64 | 1.8.3-1.e15 |
| EMI.dpm.s15.x86_64 | 43 k | |
| lcgdm-libs | x86_64 | 1.8.3-1.e15 |
| EMI.dpm.s15.x86_64 | 102 k | |
| Installing for dependencies: | | |
| CGSI-gSOAP | x86_64 | 1.3.5-1.e15 |
| EMI.dpm.s15.x86_64 | 56 k | |
| lcgdm-dav-libs | x86_64 | 0.7.1-1.e15 |
| EMI.dpm.s15.x86_64 | 39 k | |

Transaction Summary

```
=====
Install      12 Package(s)
Upgrade      9 Package(s)
}}}
```

* After update reconfigure with yaim

```
#/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n emi_dpm_mysql -n emi_dpm_disk
```

Testing

```
=====
$ globus-url-copy file:/home/asimon/test.sh gsiftp://test08.egi.cesga.es/tmp/deleteme.please4
OK
```

```
$ lcg-cr
OK
```

```
$ MySQL db
OK
```

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: