

Quality Criteria Verification Report

Product	<i>dpm-yaim</i>	Release	<i>0.6.1</i>
Software Provider	<i>DPM</i>	RT Ticket	<i>#6346 #6347</i>
Provider contact	<i>dpm-devel@cern.ch</i>		
Verifier	<i>Alvaro Simon asimon@cesga.es</i>		
Hours worked	<i>4 hours</i>	Date	<i>12/11/13</i>
Status	Accepted		

Summary

Dpm-yaim was tested without issues.

Note: This yaim version requires DPM v1.8.7 to work correctly.

Related tickets

None

Documentation Criteria

Document	Link
Release notes	<i>https://svnweb.cern.ch/trac/lcgdm/attachment/wiki/Dpm/dpm_yaim4217.txt</i>
User Documentation	<i>https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Dev/Dmlite/Configuration</i>
API Documentation	<i>https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Dev/Dmlite/Core</i>
Admin Documentation	<i>https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Dev/Dmlite/Configuration</i>
Software License	<i>Apache License</i> <i>https://svnweb.cern.ch/trac/lcgdm/browser/contrib/lcgdm/admin-tools/gridpp-dpm-tools/LICENSE?rev=6154</i>

Generic Criteria

Criteria	Status¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	
SHA-2 Certificates Support	NT	Minor release
RFC Proxy support	NT	Minor release
ARGUS Integration	NT	Minor release

¹**OK**, **WARN**, **FAIL**, NA (Not Applicable) or NT (Not Tested)

World Writable Files	NA	Minor release
Passwords in world readable files	NA	Minor release
GlueSchema 1.3 Support	NA	Minor release
GlueSchema 2.0 Support	NA	Minor release
Middleware Version Information	OK	
Service Probes	OK	
Accounting Records	NA	Minor release
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

```
# cat EMI.dpm-yaim.s16.x86_64.repo
{{{
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (6310,1341,1266)

[EMI.dpm-yaim.s16.x86_64]
name=EMI.dpm-yaim.s16.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.dpm-yaim.s16.x86_64/1/8/7/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
}}}

# yum update

{{{
=====
Package Arch Size Version
Repository
=====
Updating:
dpm-yaim noarch 35 k 4.2.17-1.e16
EMI.dpm-yaim.s16.x86_64
Transaction Summary
=====
Upgrade 1 Package(s)
}}}

=====
Package Arch Size Version
Repository
=====
Installing:
emi-dpm_disk x86_64 1.8.6-3.e16
UMD-3-updates 3.2 k
emi-dpm_mysql x86_64 1.8.6-3.e16
UMD-3-updates 3.4 k
Installing for dependencies:
dpm-yaim noarch 4.2.17-1.e16
DPM.dmlite.s16.x86_64 35 k
Transaction Summary
=====
Install 3 Package(s)

Total download size: 41 k

# yum update

=====
Package Arch Version
Repository Size
=====
Updating:
dmlite-libs x86_64 0.6.1-1.e16
DPM.dmlite.s16.x86_64 230 k
```

```

dmlite-plugins-adapter          x86_64          0.6.1-1.e16
DPM.dmlite.s16.x86_64          81 k
dmlite-plugins-mysql           x86_64          0.6.0-3.e16
DPM.dmlite.s16.x86_64          74 k
Installing for dependencies:
boost-thread                    x86_64          1.41.0-15.e16_4
sl-security                     40 k

```

Transaction Summary

```

=====
Install      1 Package(s)
Upgrade     3 Package(s)

```

Total download size: 426 k

It requires DPM 1.8.7 to work!!

```

=====
Package                               Arch                               Version
Repository                             Size
=====
Updating:
dpm                                     x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   152 k
dpm-copy-server-mysql                  x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   123 k
dpm-devel                               x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   203 k
dpm-dsi                                 x86_64                             1.8.4-1.e16
EPEL.dpm.s16.x86_64                   24 k
dpm-libs                               x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   135 k
dpm-name-server-mysql                  x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   109 k
dpm-perl                               x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   169 k
dpm-python                             x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   206 k
dpm-rfio-server                        x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   79 k
dpm-server-mysql                       x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   104 k
dpm-srm-server-mysql                   x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   291 k
emi-dpm_disk                           x86_64                             1.8.7-3.e16
EMI.dpm.s16.x86_64                    3.1 k
emi-dpm_mysql                          x86_64                             1.8.7-3.e16
EMI.dpm.s16.x86_64                    3.3 k
emi-version                             x86_64                             3.5.1-1.e16
EMI.dpm.s16.x86_64                    2.4 k
lcgdm-dav                               x86_64                             0.12.2-1.e16
EPEL.dpm.s16.x86_64                   18 k
lcgdm-dav-libs                          x86_64                             0.13.0-1.e16
EPEL.dpm.s16.x86_64                   37 k
lcgdm-dav-server                        x86_64                             0.12.2-1.e16
EPEL.dpm.s16.x86_64                   77 k
lcgdm-devel                             x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   45 k
lcgdm-libs                              x86_64                             1.8.7-3.e16
EPEL.dpm.s16.x86_64                   102 k
voms                                     x86_64                             2.0.10-3.e16
EPEL.dpm.s16.x86_64                   147 k
Installing for dependencies:
gridkitel.7-compatible                 x86_64                             1.7.25-2
EPEL.dpm.s16.x86_64                   39 k

```

Transaction Summary

```

# /opt/glite/yaim/bin/yaim -c -s site-info.def -n emi_dpm_mysql -n emi_dpm_disk [OK]

```

Testing

```

=====
$ uberftp test08.egi.cesga.es 'ls /etc/hosts'
220 test08.egi.cesga.es GridFTP Server 6.19 (gcc64, 1359994843-83) [Globus Toolkit 5.2.3] ready.
230 User opssgm003 logged in.
-rw-r--r-- 1 root root 158 Aug 30 13:27 /etc/hosts

$ lfc-ls /dpm/egi.cesga.es/home/ops
generated

$ export LCG_GFAL_INFOSYS=test08.egi.cesga.es:2170
$ export LFC_HOST=test08.egi.cesga.es

$ globus-url-copy file:/home/asimon/test.sh gsiftp://test08.egi.cesga.es/tmp/deletemeee.test

from UI IPv4 [OK]

$ lcg-cr -v --vo ops file:/home/asimon/test.sh -l lfn:/dpm/egi.cesga.es/home/ops/generated/my_test1 -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/2013-11-11/file83f283ac-362a-454f-9c31-ccffafe50d18
Source SRM Request Token: 4f745243-770d-42a7-bfac-51c5ba0fff55
Source URL: file:/home/asimon/test.sh
File size: 122
VO name: ops
Destination specified: test08.egi.cesga.es
Destination URL for copy: gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2013-11-11/file83f283ac-362a-454f-9c31-ccffafe50d18.1.0
# streams: 1
      122 bytes      0.64 KB/sec avg      0.64 KB/sec inst
Transfer took 1010 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/2013-11-11/file83f283ac-362a-454f-9c31-ccffafe50d18
File size: 122
Using LFN: lfn:/dpm/egi.cesga.es/home/ops/generated/my_test1
Using GUID: guid:578e938b-b739-4b90-albd-9355fe16dda8
Registering LFN: /dpm/egi.cesga.es/home/ops/generated/my_test1 (578e938b-b739-4b90-albd-9355fe16dda8)
Registering SURL: srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-11-11/file83f283ac-362a-454f-9c31-ccffafe50d18 (578e938b-b739-4b90-albd-9355fe16dda8)
guid:578e938b-b739-4b90-albd-9355fe16dda8

from UI IPv6 [ERROR]

$ lcg_cr -v --vo ops file:/etc/hosts -l lfn:/dpm/egi.cesga.es/home/ops/generated/my_test3 -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/2013-11-12/filea209ef45-8d1f-4354-a25b-7fcf48a4066d
[SE][Ls][] httpg://test08.egi.cesga.es:8446/srm/managerv2: CGSI-gSOAP running on test21.egi.cesga.es reports could not open connection to test08.egi.cesga.es
[SE][PrepareToPut][] httpg://test08.egi.cesga.es:8446/srm/managerv2: CGSI-gSOAP running on test21.egi.cesga.es reports could not open connection to test08.egi.cesga.es
lcg_cr: Communication error on send

```

New Features/Fixed Bugs

NA

Additional Info

This yaim version requires DPM v1.8.7 to work correctly.