

## Quality Criteria Verification Report

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Product: emi-wn.sl5.x86\_64  
Release: 3.1.0-1  
Software Provider: EMI  
RT Ticket: <https://rt.egi.eu/rt/Ticket/Display.html?id=7540>  
Provider contact: Cristina Aiftimiei <[cristina.aiftimiei@pd.infn.it](mailto:cristina.aiftimiei@pd.infn.it)>  
Verifier: Pablo Orviz <[orviz@ifca.unican.es](mailto:orviz@ifca.unican.es)>  
Hours worked: 5 hours  
Date: 15/10/2014  
Status: Accepted

## Summary

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No issues passing verification.

## Related tickets

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None.

## Documentation Criteria

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- \* Release notes: [http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset\\_publisher/5Na8/content/update-20-12-09-2014-v-3-11-0-1#UI\\_WN\\_v\\_3\\_1\\_0](http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-20-12-09-2014-v-3-11-0-1#UI_WN_v_3_1_0)
- \* User Documentation: [https://twiki.cern.ch/twiki/pub/EMI/EMIwn/EMI\\_WN\\_v\\_3\\_0\\_0-1.pdf](https://twiki.cern.ch/twiki/pub/EMI/EMIwn/EMI_WN_v_3_0_0-1.pdf)
- \* API Documentation: -
- \* Admin Documentation: [https://twiki.cern.ch/twiki/pub/EMI/EMIwn/EMI\\_WN\\_v\\_3\\_0\\_0-1.pdf](https://twiki.cern.ch/twiki/pub/EMI/EMIwn/EMI_WN_v_3_0_0-1.pdf)
- \* Software License: Apache License, version 2.0

## Generic Criteria

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(Possible Statuses: OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested))

- \* Binary Distribution: [OK]
- \* Upgrade: [OK]
- \* X.509 Certificate support: [OK]
- \* SHA-2 Certificates Support: [OK]
- \* RFC Proxy support: [OK]
- \* ARGUS Integration: [NA]
- \* World Writable Files: [OK]
- \* Passwords in world readable files: [NT]
- \* GlueSchema 1.3 Support: [NA]
- \* GlueSchema 2.0 Support: [NA]
- \* Middleware Version Information: [OK]
- \* Service Probes: [OK]
- \* Accounting Records: [NA]
- \* Bug Tracking System: [OK]

## Specific QC

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## Basic Functionality Test

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- \* Using repositories:  
[http://admin-repo.egi.eu/sw/unverified/umd-3.emi.emi-wn.sl5.x86\\_64/3/1/0](http://admin-repo.egi.eu/sw/unverified/umd-3.emi.emi-wn.sl5.x86_64/3/1/0)

## \* Installation

```
# yum install emi-wn  
(..)
```



classads		x86_64
1.0.8-1.el5		UMD-3-updates
	453 k	
cleanup-grid-accounts		noarch
2.0.1-1		UMD-3-base
	6.9 k	
cups		x86_64
1:1.3.7-30.el5_9.3		sl-security
	3.1 M	
cups-libs		x86_64
1:1.3.7-30.el5_9.3		sl-security
	196 k	
cyrus-sasl-lib		i386
2.1.22-7.el5_8.1		sl-security
	126 k	
davix-libs		x86_64
0.2.6-1.el5		UMD-3-updates
	216 k	
dbus		x86_64
1.1.2-16.el5_7		sl-security
	234 k	
dbus-glib		x86_64
0.73-11.el5_9		sl-security
	163 k	
dbus-libs		x86_64
1.1.2-16.el5_7		sl-security
	123 k	
dbus-python		x86_64
0.70-9.el5_4		sl-base
	186 k	
dcache-srmclient		noarch
2.2.22-1		UMD-3-updates
	15 M	
dcap		x86_64
2.47.8-1.el5		UMD-3-updates
	16 k	
dcap-devel		x86_64
2.47.8-1.el5		UMD-3-updates
	8.1 k	
dcap-libs		x86_64
2.47.8-1.el5		UMD-3-updates
	121 k	
dcap-tunnel-gsi		x86_64
2.47.8-1.el5		UMD-3-updates
	15 k	
dcap-tunnel-krb		x86_64
2.47.8-1.el5		UMD-3-updates
	15 k	
dcap-tunnel-ssl		x86_64
2.47.8-1.el5		UMD-3-updates
	8.9 k	
dcap-tunnel-telnet		x86_64
2.47.8-1.el5		UMD-3-updates
	9.6 k	
dpm		x86_64
1.8.8-4.el5		UMD-3-updates
	222 k	
dpm-devel		x86_64
1.8.8-4.el5		UMD-3-updates
	230 k	
dpm-libs		i386
1.8.8-4.el5		UMD-3-updates
	159 k	
dpm-libs		x86_64
1.8.8-4.el5		UMD-3-updates
	157 k	
dpm-perl		x86_64
1.8.8-4.el5		UMD-3-updates

dpm-python	238 k	x86_64
1.8.8-4.el5		UMD-3-updates
dpm-python26	1.2 M	x86_64
1.8.8-4.el5		UMD-3-updates
e2fsprogs-devel	282 k	x86_64
1.39-23.el5		sl-base
editline	633 k	x86_64
2.9-1.sl5		UMD-3-base
emi-version	271 k	x86_64
3.7.4-1.el5		UMD-3-updates
emi.amga.amga-cli	2.3 k	x86_64
2.4.0-1.sl5		UMD-3-base
emi.saga-adapter.context-cpp	404 k	x86_64
1.0.2-3.sl5		UMD-3-base
emi.saga-adapter.isn-common	354 k	noarch
1.0.1-3.sl5		UMD-3-base
emi.saga-adapter.isn-cpp	17 k	x86_64
1.0.3-1.sl5		UMD-3-base
emi.saga-adapter.sd-cpp	900 k	x86_64
1.0.4-1.sl5		UMD-3-base
exim	4.8 M	x86_64
4.63-5.el5_6.2		sl-security
fetch-curl	1.2 M	noarch
2.8.5-1.el5		UMD-3-updates
fontconfig	24 k	x86_64
2.4.1-7.el5		sl-base
freetype	175 k	x86_64
2.2.1-32.el5_9.1		sl-security
fuse	312 k	x86_64
2.7.4-8.el5		sl-base
fuse-libs	83 k	x86_64
2.7.4-8.el5		sl-base
gfal	71 k	i386
1.16.0-1.el5		UMD-3-updates
gfal	287 k	x86_64
1.16.0-1.el5		UMD-3-updates
gfal-python	286 k	x86_64
1.16.0-1.el5		UMD-3-updates
gfal-python26	54 k	x86_64
1.16.0-1.el5		UMD-3-updates
gfal2-all	53 k	x86_64
2.6.8-3.el5		UMD-3-verification
gfal2-core	8.9 k	x86_64
2.6.8-3.el5		UMD-3-verification
gfal2-devel	55 k	x86_64

2.6.8-3.el5		UMD-3-verification
36 k		
gfal2-doc		x86_64
2.6.8-3.el5		UMD-3-verification
126 k		
gfal2-plugin-dcap		x86_64
2.6.8-3.el5		UMD-3-verification
14 k		
gfal2-plugin-gridftp		x86_64
2.6.8-3.el5		UMD-3-verification
75 k		
gfal2-plugin-http		x86_64
2.6.8-3.el5		UMD-3-verification
25 k		
gfal2-plugin-lfc		x86_64
2.6.8-3.el5		UMD-3-verification
27 k		
gfal2-plugin-rfio		x86_64
2.6.8-3.el5		UMD-3-verification
14 k		
gfal2-plugin-srm		x86_64
2.6.8-3.el5		UMD-3-verification
43 k		
gfal2-python		x86_64
1.5.0-1.el5		UMD-3-verification
133 k		
gfal2-transfer		x86_64
2.6.8-3.el5		UMD-3-verification
20 k		
gfal2-util		noarch
1.0.0-1.el5		UMD-3-verification
37 k		
gfalFS		x86_64
1.0.1-0.el5		UMD-3-base
15 k		
giflib		x86_64
4.1.3-7.1.el5_3.1		sl-base
39 k		
ginfo		noarch
1.0.2-1.el5		epel
8.8 k		
glib2-devel		x86_64
2.12.3-4.el5_3.1		sl-base
1.3 M		
glibmm24		x86_64
2.12.10-1.el5		epel
146 k		
glite-jobid-api-c		x86_64
2.2.13-1.el5		UMD-3-updates
13 k		
glite-lb-client		x86_64
6.0.10-1.el5		UMD-3-updates
217 k		
glite-lb-client-progs		x86_64
6.0.10-1.el5		UMD-3-updates
115 k		
glite-lb-common		x86_64
9.1.1-1.el5		UMD-3-updates
122 k		
glite-lbjp-common-gss		x86_64
3.2.16-1.el5		UMD-3-updates
24 k		
glite-lbjp-common-trio		x86_64
2.3.13-1.el5		UMD-3-updates
32 k		
glite-service-discovery-api-c		x86_64
2.2.3-1.sl5		UMD-3-base
47 k		

glite-wms-brokerinfo-access 3.5.0-3.sl5	17 k	x86_64 UMD-3-base
glite-wms-brokerinfo-access-lib 3.5.0-3.sl5	19 k	x86_64 UMD-3-base
glite-wn-info 1.0.3-2.sl5	5.4 k	noarch UMD-3-base
glite-yaim-clients 5.2.0-1.sl5	23 k	noarch UMD-3-base
glite-yaim-core 5.1.2-1.sl5	118 k	noarch UMD-3-updates
globus-callout 2.4-1.el5	19 k	i386 UMD-3-updates
globus-callout 2.4-2.el5	20 k	x86_64 UMD-3-updates
globus-common 14.10-1.el5	129 k	i386 UMD-3-updates
globus-common 14.10-2.el5	132 k	x86_64 UMD-3-updates
globus-ftp-client 7.6-1.el5	105 k	i386 UMD-3-updates
globus-ftp-client 7.6-1.el5	110 k	x86_64 UMD-3-updates
globus-ftp-control 4.7-1.el5	73 k	i386 UMD-3-updates
globus-ftp-control 4.7-1.el5	75 k	x86_64 UMD-3-updates
globus-gass-copy 8.6-7.el5	38 k	i386 UMD-3-updates
globus-gass-copy 8.6-7.el5	38 k	x86_64 UMD-3-updates
globus-gass-copy-progs 8.6-7.el5	46 k	x86_64 UMD-3-updates
globus-gass-transfer 7.2-8.el5	43 k	i386 UMD-3-updates
globus-gass-transfer 7.2-9.el5	44 k	x86_64 UMD-3-updates
globus-gsi-callback 4.6-1.el5	41 k	i386 UMD-3-updates
globus-gsi-callback 4.6-2.el5	43 k	x86_64 UMD-3-updates
globus-gsi-cert-utils 8.6-1.el5	20 k	i386 UMD-3-updates
globus-gsi-cert-utils 8.6-2.el5	21 k	x86_64 UMD-3-updates
globus-gsi-credential 6.0-1.el5		i386 UMD-3-updates

35 k		
globus-gsi-credential		x86_64
6.0-2.el5		UMD-3-updates
38 k		
globus-gsi-openssl-error		i386
2.1-9.el5		UMD-3-updates
16 k		
globus-gsi-openssl-error		x86_64
2.1-10.el5		UMD-3-updates
17 k		
globus-gsi-proxy-core		i386
6.2-8.el5		UMD-3-updates
34 k		
globus-gsi-proxy-core		x86_64
6.2-9.el5		UMD-3-updates
38 k		
globus-gsi-proxy-ssl		i386
4.1-9.el5		UMD-3-updates
18 k		
globus-gsi-proxy-ssl		x86_64
4.1-10.el5		UMD-3-updates
18 k		
globus-gsi-sysconfig		i386
5.3-7.el5		UMD-3-updates
28 k		
globus-gsi-sysconfig		x86_64
5.3-8.el5		UMD-3-updates
31 k		
globus-gss-assist		i386
9.0-1.el5		UMD-3-updates
34 k		
globus-gss-assist		x86_64
9.0-1.el5		UMD-3-updates
36 k		
globus-gssapi-error		i386
4.1-9.el5		UMD-3-updates
14 k		
globus-gssapi-error		x86_64
4.1-10.el5		UMD-3-updates
15 k		
globus-gssapi-gsi		i386
10.10-1.el5		UMD-3-updates
58 k		
globus-gssapi-gsi		x86_64
10.10-2.el5		UMD-3-updates
63 k		
globus-io		i386
9.5-1.el5		UMD-3-updates
43 k		
globus-io		x86_64
9.5-1.el5		UMD-3-updates
45 k		
globus-openssl-module		i386
3.3-1.el5		UMD-3-updates
14 k		
globus-openssl-module		x86_64
3.3-2.el5		UMD-3-updates
15 k		
globus-proxy-utils		x86_64
5.2-1.el5		UMD-3-updates
46 k		
globus-xio		i386
3.6-1.el5		UMD-3-updates
155 k		
globus-xio		x86_64
3.6-2.el5		UMD-3-updates
180 k		
globus-xio-gsi-driver		x86_64

2.4-1.el5		UMD-3-updates
	38 k	
globus-xio-popen-driver		x86_64
2.3-1.el5		UMD-3-updates
	21 k	
gridftp-ifce		i386
2.3.1-1.el5		UMD-3-updates
	15 k	
gridftp-ifce		x86_64
2.3.1-1.el5		UMD-3-updates
	16 k	
gridsite-compat1.7		x86_64
1.7.29-1.el5		UMD-3-updates
	40 k	
gridsite-libs		x86_64
2.2.5-1.el5		UMD-3-updates
	133 k	
gsoap		i386
2.7.13-5.el5		UMD-3-updates
	451 k	
gsoap		x86_64
2.7.13-5.el5		UMD-3-updates
	444 k	
gtk2		x86_64
2.10.4-29.el5		sl-security
	6.6 M	
hicolor-icon-theme		noarch
0.9-2.1		sl-base
	25 k	
imake		x86_64
1.0.2-3		sl-base
	318 k	
is-interface		i386
1.15.0-0.el5		UMD-3-updates
	50 k	
is-interface		x86_64
1.15.0-0.el5		UMD-3-updates
	52 k	
jakarta-commons-io		noarch
1.4-3.el5		epel
	105 k	
java-1.6.0-openjdk		x86_64
1:1.6.0.0-6.1.13.4.el5_10		sl-security
	43 M	
jclassads		noarch
2.4.0-3.sl5		UMD-3-base
	95 k	
keyutils-libs-devel		x86_64
1.2-1.el5		sl-base
	27 k	
krb5-devel		x86_64
1.6.1-70.el5_9.2		sl-security
	1.9 M	
lcg-ManageVOTag		noarch
4.0.0-1		UMD-3-base
	4.8 k	
lcg-info		noarch
1.12.2-1.el5		UMD-3-base
	13 k	
lcg-infosites		noarch
3.1.0-3.el5		UMD-3-base
	10 k	
lcg-tags		noarch
0.4.0-2		UMD-3-base
	8.7 k	
lcg-util		x86_64
1.16.0-2.el5		UMD-3-updates
	86 k	



lcg-util-libs 1.16.0-2.el5	60 k	i386 UMD-3-updates
lcg-util-libs 1.16.0-2.el5	59 k	x86_64 UMD-3-updates
lcg-util-python 1.16.0-2.el5	41 k	x86_64 UMD-3-updates
lcg-util-python26 1.16.0-2.el5	39 k	x86_64 UMD-3-updates
lcgdm-devel 1.8.8-4.el5	51 k	i386 UMD-3-updates
lcgdm-devel 1.8.8-4.el5	51 k	x86_64 UMD-3-updates
lcgdm-libs 1.8.8-4.el5	113 k	i386 UMD-3-updates
lcgdm-libs 1.8.8-4.el5	117 k	x86_64 UMD-3-updates
lfc 1.8.8-4.el5	168 k	x86_64 UMD-3-updates
lfc-devel 1.8.8-4.el5	149 k	x86_64 UMD-3-updates
lfc-libs 1.8.8-4.el5	47 k	i386 UMD-3-updates
lfc-libs 1.8.8-4.el5	46 k	x86_64 UMD-3-updates
lfc-perl 1.8.8-4.el5	168 k	x86_64 UMD-3-updates
lfc-python 1.8.8-4.el5	2.2 M	x86_64 UMD-3-updates
lfc-python26 1.8.8-4.el5	437 k	x86_64 UMD-3-updates
libXft 2.1.10-1.1	44 k	x86_64 sl-base
libattr-devel 2.4.32-1.1	34 k	x86_64 sl-base
libffi 3.0.5-1.el5	24 k	x86_64 UMD-3-updates
libgomp 4.4.0-6.el5	68 k	x86_64 sl-base
libicu 3.6-5.16.1	5.2 M	x86_64 sl-security
libselinux-devel 1.33.4-5.7.el5	149 k	x86_64 sl-security
libsepol-devel 1.15.2-3.el5	192 k	x86_64 sl-base
libsigc++20 2.0.18-1.el5		x86_64 epel

libtool-ltdl	49 k	i386
1.5.22-7.e15_4		sl-base
libtool-ltdl	37 k	x86_64
1.5.22-7.e15_4		sl-base
mysql	38 k	x86_64
5.0.95-5.e15_9		sl-security
4.9 M		
openldap		i386
2.3.43-27.e15_10		sl-security
298 k		
openldap-clients		x86_64
2.3.43-27.e15_10		sl-security
224 k		
openssl-devel		x86_64
0.9.8e-27.e15_10.4		sl-security
1.9 M		
pango		x86_64
1.14.9-8.e15_7.3		sl-security
338 k		
paps		x86_64
0.6.6-19.e15		sl-base
33 k		
perl-Compress-Zlib		x86_64
1.42-1.fc6		sl-base
52 k		
perl-Convert-ASN1		noarch
0.20-1.1		sl-base
41 k		
perl-DBI		x86_64
1.52-2.e15		sl-base
605 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
14 k		
perl-IO-Socket-SSL		noarch
1.01-1.fc6		sl-base
49 k		
perl-LDAP		noarch
1:0.33-3.fc6		sl-base
316 k		
perl-Net-SSLeay		x86_64
1.30-4.fc6		sl-base
192 k		
perl-URI		noarch
1.35-3		sl-base
116 k		
perl-XML-Namespacesupport		noarch
1.09-1.2.1		sl-base
15 k		
perl-XML-SAX		noarch
0.14-8		sl-base
77 k		
perl-libwww-perl		noarch
5.805-1.1.1		sl-base
375 k		
pkgconfig		x86_64
1:0.21-2.e15		sl-base
61 k		
poppler		x86_64
0.5.4-4.4.e15_5.14		sl-security
3.0 M		
poppler-utils		x86_64

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0.5.4-4.4.el5_5.14	76 k	sl-security
postgresql-libs		x86_64
8.1.23-10.el5_10	197 k	sl-security
python-argparse		noarch
1.2.1-2.el5	73 k	epel
python-ldap		x86_64
2.2.0-2.1	123 k	sl-base
python-simplejson		x86_64
2.0.9-8.el5	141 k	UMD-3-base
python26		x86_64
2.6.8-2.el5	6.5 M	UMD-3-updates
python26-libs		x86_64
2.6.8-2.el5	695 k	UMD-3-updates
redhat-lsb		x86_64
3.1-12.3.EL	21 k	sl-base
srm-ifce		i386
1.20.1-1.el5	211 k	UMD-3-verification
srm-ifce		x86_64
1.20.1-1.el5	199 k	UMD-3-verification
tzdata-java		x86_64
2014e-1.el5	174 k	sl-security
uberftp		x86_64
2.4-5.el5	85 k	epel
voms		i386
2.0.11-1	163 k	UMD-3-updates
voms		x86_64
2.0.11-1	165 k	UMD-3-updates
voms-api-java3		noarch
3.0.2-1.sl5	123 k	UMD-3-updates
voms-clients3		noarch
3.0.4-1.sl5	125 k	UMD-3-updates
voms-devel		x86_64
2.0.11-1	28 k	UMD-3-updates
xerces-c		x86_64
2.7.0-8.el5	1.3 M	UMD-3-updates
zlib-devel		x86_64
1.2.3-3	102 k	sl-base
Updating for dependencies:		
cyrus-sasl-lib		x86_64
2.1.22-7.el5_8.1	130 k	sl-security
krb5-libs		i386
1.6.1-70.el5_9.2	669 k	sl-security
krb5-libs		x86_64
1.6.1-70.el5_9.2	681 k	sl-security
krb5-workstation		x86_64
1.6.1-70.el5_9.2		sl-security

```

          917 k
openldap                                x86_64
    2.3.43-27.el5_10                    sl-security
          306 k
openssl                                  i686
    0.9.8e-27.el5_10.4                  sl-security
          1.5 M
openssl                                  x86_64
    0.9.8e-27.el5_10.4                  sl-security
          1.5 M

```

Transaction Summary

```

=====
=====
Install      219 Package(s)
Upgrade      7 Package(s)
(...)

```

\* Upgrade (from emi-wn-3.0.1-1.el5)

# yum update emi-wn  
(..)

```

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

```

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

Updating:

emi-wn	3.1.0-1.el5	3.8 k	x86_64	UMD-3-unverified
--------	-------------	-------	--------	------------------

Installing for dependencies:

gfal2-util	1.0.0-1.el5	37 k	noarch	UMD-3-unverified
ginfo	1.0.2-1.el5	8.8 k	noarch	epel
python-argparse	1.2.1-2.el5	73 k	noarch	epel
python-simplejson	2.0.9-8.el5	141 k	x86_64	UMD-3-base

Updating for dependencies:

gfal2-python	1.5.0-1.el5	133 k	x86_64	UMD-3-unverified
--------------	-------------	-------	--------	------------------

Transaction Summary

```

=====
=====
Install      4 Package(s)
Upgrade      2 Package(s)
(...)

```

## \* YAIM configuration

```
**No new variables required**
```

```
#!/opt/glite/yaim/bin/yaim -c -s site-info.def -n WN  
(..)
```

```
INFO: Configuration Complete.
```

```
[ OK ]
```

```
INFO: YAIM terminated succesfully.
```

## \* World readable files

```
1) In the packages installed [OK]
```

```
#for pkg in `rpm -q --requires emi-wn` ; do rpm -qlv $pkg | egrep "^[^-d]([-r][-w]([-  
xs]){2})[-r]w"; done
```

```
2) In the whole system [OK]
```

```
#find / -type f -perm -002 -exec ls -l {} \;
```

## \* Nagios tests

```
Passing tests in https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?%20host=test06.egi.c  
esga.es
```

## \* Manual tests (SHA2 &amp; RFC compliant)

```
#openssl x509 -in .globus/usercert.pem -noout -text | grep -i sha2
```

```
Signature Algorithm: sha256WithRSAEncryption
```

```
#voms-proxy-init --voms dteam --rfc
```

```
#glite-ce-job-submit -a -r test06.egi.cesga.es:8443/cream-pbs-GRID_dteam test_cream.jdl  
-o jobids
```

```
#glite-ce-job-status -i jobids
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM170370928]
```

```
Status = [DONE-OK]
```

```
ExitCode = [0]
```

## New Features/Fixed Bugs

```
-----  
NA
```

## Additional Info

```
=====
```

```
gfal2-python (>=1.5.0) is needed in UMD production repos before installing emi-wn-3.1.0
```