

Quality Criteria Verification Report

Product	<i>globus-info-provider</i>	Release	<i>0.2.1</i>
Software Provider	<i>IGE</i>	RT Ticket	<i>#6874 #6875</i>
Provider contact	<i>Mattias Ellert mattias.ellert@fysast.uu.se</i>		
Verifier	<i>Alvaro Simon asimon@cesga.es</i>		
Hours worked	<i>1h</i>	Date	<i>23/04/14</i>
Status	Accepted		

Summary

No issues found during verification process. Globus-info-provider includes a doc file /usr/share/doc/globus-info-provider-service/README

Related tickets

None

Documentation Criteria

Document	Link
Release notes	http://www.ige-project.eu/downloads/software/releases/322
User Documentation	<i>/usr/share/doc/globus-info-provider-service/README</i>
API Documentation	
Admin Documentation	/usr/share/doc/globus-info-provider-service/README
Software License	http://toolkit.globus.org/toolkit/legal/4.0/license-v3.html

Generic Criteria

Criteria	Status¹	Additional Comments
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	OK	
GlueSchema 1.3 Support	OK	
GlueSchema 2.0 Support	OK	
Middleware Version Information	OK	

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

Service Probes	NA	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

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=====
Package              Arch              Size              Version
Repository
=====
Updating:
globus-info-provider-service          noarch              30 k              0.2.1-2
IGE.globus-info-provider-service.sl6.x86_64

Transaction Summary
=====
Upgrade      1 Package(s)

from /usr/share/doc/globus-info-provider-service/README:
{{{
Configure required information providers using YAIM by calling
'/opt/glite/yaim/bin/yaim -c -s site-info.def -n BDII_SITE'
, where BDII_SITE is BDII_GLOBUS GRAMS, BDII_GLOBUS_GRIDFTP,
or BDII_GLOBUS_GSISSH depending on available service. Logs can be found under
'/opt/glite/yaim/log/yaimlog'.
}}}

* /opt/glite/yaim/bin/yaim -c -s site-info.def -n BDII_GLOBUS_GRIDFTP

# cat site-info.def
{{{
#####
# GridFTP configuration variables #
#####

#####
# global variables: #
#####

# Human-readable name of your site
SITE_NAME=SA2-TESTBED

# Space separated list of VOs supported by your site
#VOS="vo1 [vo2 [...]]"
VOS="ops dteam"

#####
# special variables (optional, #
# automatically determined if not #
# provided!): #
#####

# hostname of the GridFTP server
# e.g. gridftp.whatever.wherever
GRIDFTP_HOST=test20.egi.cesga.es

# port of the GridFTP server
# e.g. default port 2811
GRIDFTP_PORT=2811

# location of the GridFTP server pid file
# e.g. /var/run/globus-gridftp-server.pid
GRIDFTP_PID_FILE=/var/run/globus-gridftp-server.pid

# version number of GridFTP server
# e.g. 6.14
GLOBUS_INFO_SERVICE_VERSION=6.38
}}}

# /opt/glite/yaim/bin/yaim -c -s site-info.def -n BDII_GLOBUS_GRIDFTP

[root@cream ~]# ldapsearch -x -h test20.egi.cesga.es -p 2170 -b "o=grid"
# extended LDIF
#
# LDAPv3
# base <o=grid> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
# grid
dn: o=grid
objectClass: organization
o: grid

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# local, grid
dn: Mds-Vo-name=local,o=grid
Mds-Vo-name: local
objectClass: Mds

# resource, grid
dn: Mds-Vo-name=resource,o=grid
Mds-Vo-name: resource
objectClass: Mds

# MySite, resource, grid
dn: GlueSiteUniqueID=MySite,Mds-Vo-name=resource,o=grid
GlueSiteDescription: Testing
GlueSiteSecurityContact: mailto:admin@domain.invalid
GlueSiteSponsor: none
objectClass: GlueTop
objectClass: GlueSite
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSiteSysAdminContact: mailto:admin@domain.invalid
GlueSiteName: MySite
GlueSiteUniqueID: MySite
GlueSchemaVersionMinor: 3
GlueSiteLongitude: 0.0
GlueSiteLatitude: 0.0
GlueSchemaVersionMajor: 1
GlueSiteOtherInfo: GRID=EGEE
GlueSiteUserSupportContact: mailto:admin@domain.invalid
GlueSiteWeb: http://www.cern.ch/gidinfo
GlueSiteEmailContact: mailto:admin@domain.invalid
GlueSiteLocation: Geneva, Switzerland

# test20.egi.cesga.es_bdi_site_3059482004, resource, grid
dn: GlueServiceUniqueID=test20.egi.cesga.es_bdi_site_3059482004,Mds-Vo-name=r
esource,o=grid
GlueServiceStatus: OK
GlueServiceStatusInfo: BDII Running [ OK ]
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: test20.egi.cesga.es_bdi_site_3059482004
GlueServiceStartTime: 2014-01-28T13:49:05+01:00
GlueServiceEndpoint: ldap://test20.egi.cesga.es:2170/mds-vo-name=egi.cesga.es,
o=grid
GlueServiceVersion: 3.0.0
GlueSchemaVersionMinor: 3
GlueServiceName: egi.cesga.es-bdi_site
GlueServiceType: bdi_site
GlueServiceSemantics: https://tomtools.cern.ch/confluence/display/IS/Home
GlueForeignKey: GlueSiteUniqueID=egi.cesga.es
GlueSchemaVersionMajor: 1

# glite-info-service_version, test20.egi.cesga.es_bdi_site_3059482004, resou
rce, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=test20.e
gi.cesga.es_bdi_site_3059482004,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_version
GlueChunkKey: GlueServiceUniqueID=test20.egi.cesga.es_bdi_site_3059482004
GlueServiceDataValue: 1.7

# glite-info-service_hostname, test20.egi.cesga.es_bdi_site_3059482004, reso
urce, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=test20.
egi.cesga.es_bdi_site_3059482004,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_hostname
GlueChunkKey: GlueServiceUniqueID=test20.egi.cesga.es_bdi_site_3059482004
GlueServiceDataValue: test20.egi.cesga.es

# egi.cesga.es, grid
dn: Mds-Vo-name=egi.cesga.es,o=grid
objectClass: Mds
Mds-Vo-name: egi.cesga.es

# MySite, egi.cesga.es, grid
dn: GlueSiteUniqueID=MySite,Mds-Vo-name=egi.cesga.es,o=grid
GlueSiteSecurityContact: mailto:admin@domain.invalid
GlueSiteSponsor: none
objectClass: GlueTop
objectClass: GlueSite
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSiteSysAdminContact: mailto:admin@domain.invalid
GlueSiteDescription: Testing
GlueSiteUniqueID: MySite
GlueSiteName: MySite
GlueSchemaVersionMinor: 3
GlueSiteLongitude: 0.0
GlueSiteLatitude: 0.0
GlueSiteWeb: http://www.cern.ch/gidinfo

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GlueSiteOtherInfo: GRID=EGEE
GlueSiteUserSupportContact: mailto:admin@domain.invalid
GlueSchemaVersionMajor: 1
GlueSiteEmailContact: mailto:admin@domain.invalid
GlueSiteLocation: Geneva, Switzerland

# test20.egi.cesga.es_bdii_site_3059482004, egi.cesga.es, grid
dn: GlueServiceUniqueID=test20.egi.cesga.es_bdii_site_3059482004,Mds-Vo-name=egi.cesga.es,o=grid
GlueServiceStatus: OK
GlueServiceStatusInfo: BDII Running [ OK ]
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: test20.egi.cesga.es_bdii_site_3059482004
GlueServiceSemantics: https://tomtools.cern.ch/confluence/display/IS/Home
GlueServiceEndpoint: ldap://test20.egi.cesga.es:2170/mds-vo-name=egi.cesga.es,o=grid
GlueServiceName: egi.cesga.es-bdii_site
GlueSchemaVersionMinor: 3
GlueServiceVersion: 3.0.0
GlueServiceType: bdii_site
GlueServiceStartTime: 2014-01-28T13:49:05+01:00
GlueForeignKey: GlueSiteUniqueID=egi.cesga.es
GlueSchemaVersionMajor: 1

# glite-info-service_version, test20.egi.cesga.es_bdii_site_3059482004, egi.cesga.es, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=test20.egi.cesga.es_bdii_site_3059482004,Mds-Vo-name=egi.cesga.es,o=grid
GlueServiceDataValue: 1.7
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_version
GlueChunkKey: GlueServiceUniqueID=test20.egi.cesga.es_bdii_site_3059482004
GlueSchemaVersionMajor: 1

# glite-info-service_hostname, test20.egi.cesga.es_bdii_site_3059482004, egi.cesga.es, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=test20.egi.cesga.es_bdii_site_3059482004,Mds-Vo-name=egi.cesga.es,o=grid
GlueServiceDataValue: test20.egi.cesga.es
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_hostname
GlueChunkKey: GlueServiceUniqueID=test20.egi.cesga.es_bdii_site_3059482004
GlueSchemaVersionMajor: 1

# search result
search: 2
result: 0 Success

# numResponses: 13
# numEntries: 12

[root@cream ~]# ldapsearch -x -h test20.egi.cesga.es -p 2170 -b GLUE2GroupID=resource,o=glue
objectclass=GLUE2Endpoint
# extended LDIF
#
# LDAPv3
# base <GLUE2GroupID=resource,o=glue> with scope subtree
# filter: objectclass=GLUE2Endpoint
# requesting: ALL
#
# test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363, test20.egi.cesga.es_gridftp_3669932363, resource, glue
dn: GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363,GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363,GLUE2GroupID=resource,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: Globus
GLUE2EndpointHealthStateInfo: The GridFTP server is running
GLUE2EntityOtherInfo: InfoProviderName=globus-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=test20.egi.cesga.es
GLUE2EndpointCapability: data.transfer
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: test20.egi.cesga.es_gridftp_3669932363
GLUE2EntityName: gsiftp endpoint for Service test20.egi.cesga.es_gridftp_3669932363
GLUE2EndpointInterfaceName: gsiftp
GLUE2EndpointURL: test20.egi.cesga.es:2811
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 6.38
GLUE2EndpointSemantics: http://www.globus.org/toolkit/docs/latest-stable/gridftp/
GLUE2EndpointServingState: production
GLUE2EndpointImplementationName: GridFTP
GLUE2EndpointStartTime: 2014-01-16T15:18:27Z
GLUE2EndpointInterfaceVersion: 6.38
objectClass: GLUE2Endpoint
objectClass: GLUE2StorageEndpoint
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GLUE2EndpointTrustedCA: IGTF
GLUE2EndpointID: test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2EntityCreationTime: 2014-01-29T09:49:43Z

# test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828135, test20.egi.c
esga.es_bdii-site_3171828135, resource, glue
dn: GLUE2EndpointID=test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828
135, GLUE2ServiceID=test20.egi.cesga.es_bdii-site_3171828135, GLUE2GroupID=reso
urce,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: glite
GLUE2EndpointHealthStateInfo: BDII Running [ OK ]
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.4
GLUE2EntityOtherInfo: InfoProviderHost=test20.egi.cesga.es
GLUE2EntityOtherInfo: ProfileName=EGI
GLUE2EntityOtherInfo: ProfileVersion=1.0
GLUE2EntityOtherInfo: OSName=Scientific
GLUE2EntityOtherInfo: OSVersion=6.4
GLUE2EndpointCapability: information.model
GLUE2EndpointCapability: information.discovery
GLUE2EndpointCapability: information.monitoring
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: test20.egi.cesga.es_bdii-site_3171828135
GLUE2EntityName: bdii_site endpoint for Service test20.egi.cesga.es_bdii-site_
3171828135
GLUE2EndpointInterfaceName: bdii_site
GLUE2EndpointURL: ldap://test20.egi.cesga.es:2170/GLUE2DomainID=egi.cesga.es,o
=glue
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 5.2.22
GLUE2EndpointSemantics: https://tomtools.cern.ch/confluence/display/IS/Home
GLUE2EndpointServingState: production
GLUE2EndpointImplementationName: BDII
GLUE2EndpointStartTime: 2014-01-28T12:49:05Z
GLUE2EndpointInterfaceVersion: 3.0.0
objectClass: GLUE2Endpoint
GLUE2EndpointTrustedCA: IGTF
GLUE2EndpointID: test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828135
GLUE2EntityCreationTime: 2014-01-29T09:49:42Z

# search result
search: 2
result: 0 Success

# numResponses: 3
# numEntries: 2

$ glue-validator -H test20.egi.cesga.es -p 2170 -b o=glue -g glue2 -s general -v 3
WARNING - errors 0, warnings 2, info 0 | errors=0;warnings=2;info=0

W037 Description: Wrong type
W037 Affected DN: GLUE2PolicyID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363_Policy
GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363
GLUE2GroupID=resource
o=glue
W037 Affected attribute: GLUE2PolicyScheme
W037 Published value: ['org.globus.standard']
W037 Additional information: Expected type is PolicyScheme_t

W037 Description: Wrong type
W037 Affected DN: GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363
GLUE2GroupID=resource
o=glue
W037 Affected attribute: GLUE2EndpointURL
W037 Published value: ['test20.egi.cesga.es:2811']
W037 Additional information: Expected type is URL

$ glue-validator -H test20.egi.cesga.es -p 2170 -b o=glue -g egi-glue2 -v 3
WARNING - errors 0, warnings 2, info 4 | errors=0;warnings=2;info=4

W037 Description: Wrong type
W037 Affected DN: GLUE2PolicyID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363_Policy
GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363
GLUE2GroupID=resource
o=glue
W037 Affected attribute: GLUE2PolicyScheme
W037 Published value: ['org.globus.standard']
W037 Additional information: Expected type is PolicyScheme_t

W037 Description: Wrong type
W037 Affected DN: GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363
GLUE2GroupID=resource
o=glue
W037 Affected attribute: GLUE2EndpointURL
W037 Published value: ['test20.egi.cesga.es:2811']
W037 Additional information: Expected type is URL

AssertionError: GLUE2DomainID=MySite,o=glue contains the following issues in the GLUE2EntityOtherInfo attributeINFO
START:
I001 Description: Unknown Grid Infrastructure name
I001 Affected DN: GLUE2DomainID=MySite
o=glue
I001 Affected attribute: GLUE2EntityOtherInfo: GRID

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I001 Published value: EGEE

I095 Description: Recommended attribute not present

I095 Affected DN: GLUE2PolicyID=test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828135_Policy
GLUE2EndpointID=test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828135
GLUE2ServiceID=test20.egi.cesga.es_bdii-site_3171828135
GLUE2GroupID=resource
o=glue

I095 Affected attribute: GLUE2PolicyUserDomainForeignKey

I095 Published value: NA

I095 Description: Recommended attribute not present

I095 Affected DN: GLUE2EndpointID=test20.egi.cesga.es_bdii-site_3171828135_bdii_site_3171828135
GLUE2ServiceID=test20.egi.cesga.es_bdii-site_3171828135
GLUE2GroupID=resource
o=glue

I095 Affected attribute: GLUE2EndpointIssuerCA

I095 Published value: NA

I095 Description: Recommended attribute not present

I095 Affected DN: GLUE2EndpointID=test20.egi.cesga.es_gridftp_3669932363_gsiftp_3669932363
GLUE2ServiceID=test20.egi.cesga.es_gridftp_3669932363
GLUE2GroupID=resource
o=glue

I095 Affected attribute: GLUE2EndpointIssuerCA

I095 Published value: NA

New Features/Fixed Bugs

Additional Info
