

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

Name of the component	WN		
Release	emi-wn.sl6.3.0.0	RT Ticket	#5257 #5256
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	crstina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Enol Fernández	enolfc@ifca.unican.es	
V. Hours Worked	1h		
Component status	Accepted	Date	26/03/2013
Verification start date	26/03/2013	Verification end date	26/03/2013

Summary:

**Upgraded from UMD-2 existing installation. UMD2 repos needs to be removed.
 Upgrade is not possible directly (see related tickets)**

GGUS Tickets:

https://ggus.eu/tech/ticket_show.php?ticket=92697

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	19	0	0	19
	Specific Quality Criteria			
TP				
VLD	6	0	1	7

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://twiki.cern.ch/twiki/pub/EMI/EMIwn/EMI_WN_v_3_0_0-1.pdf
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://www.eu-emi.eu/releases/emi-3-montebianco/products/-/asset_publisher/5dKm/content/emi-wn-2
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 Documentatio	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://twiki.cern.ch/twiki/pub/EMI/EMIwnSRC/EMI_WN_SRC_v_3_0_0-1.pdf
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
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_5 (Automatic Configuration)	Y	VLD	
GENERIC_SERVICE_6 (Default Password Conf	Y	VLD	No passwords
GENERIC_SERVICE_7 (Default Configuration)	Y	VLD	
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	Some related to torque
GENERIC_SEC_3 (Passwords in world readable	Y	VLD	No passwords, munge key is read only to munge user
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)		VLD	
AUTHN_CRED_3 (RFC Proxy support)	Y	VLD	
AUTHN_PROTO_1 (TLSSSLv3 Support)	NA	VLD	
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line options cohe	Y	VLD	
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	

*** See ticket https://ggus.eu/tech/ticket_show.php?ticket=92697

`# yum remove voms-clients`

Loaded plugins: priorities, security

Setting up Remove Process

Resolving Dependencies

--> Running transaction check

----> Package voms-clients.x86_64 0:2.0.9-1.el6 will be erased

--> Processing Dependency: voms-clients for package: emi-wn-2.0.0-1.s16.x86_64

--> Running transaction check

----> Package emi-wn.x86_64 0:2.0.0-1.s16 will be erased

--> Finished Dependency Resolution

Dependencies Resolved

```

=====
Package                Size                Arch                Version                Repository
=====
Removing:
voms-clients           363 k                x86_64              2.0.9-1.el6            @UMD-2-updates
Removing for dependencies:
emi-wn                  0.0                  x86_64              2.0.0-1.s16            @UMD-2-updates

```

Transaction Summary

```

=====
Remove                2 Package(s)

```

Installed size: 363 k

Is this ok [y/N]: y

Downloading Packages:

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Erasing : emi-wn-2.0.0-1.s16.x86_64
1/2

Erasing : voms-clients-2.0.9-1.el6.x86_64
2/2

Verifying : emi-wn-2.0.0-1.s16.x86_64
1/2

Verifying : voms-clients-2.0.9-1.el6.x86_64
2/2

Removed:

voms-clients.x86_64 0:2.0.9-1.el6

Dependency Removed:

emi-wn.x86_64 0:2.0.0-1.s16

Complete!

`# yum install -y emi-wn`

Loaded plugins: priorities, security

382 packages excluded due to repository priority protections

Setting up Install Process

Resolving Dependencies

--> Running transaction check

----> Package emi-wn.x86_64 0:3.0.0-1.el6 will be installed

--> Processing Dependency: lcgdm-devel(x86-32) for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: libdpm.so.1 for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: gfal2-all for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: gfal2-doc for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: liblcgdm.so.1 for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: gfalFS for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: libgfal.so.1 for package: emi-wn-3.0.0-1.el6.x86_64

--> Processing Dependency: liblfc.so.1 for package: emi-wn-3.0.0-1.el6.x86_64

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--> Processing Dependency: gfal2-python for package: emi-wn-3.0.0-1.el6.x86_64
--> Processing Dependency: voms-clients3 for package: emi-wn-3.0.0-1.el6.x86_64
--> Processing Dependency: liblcg_util.so.1 for package: emi-wn-3.0.0-1.el6.x86_64
--> Processing Dependency: gfal2-devel for package: emi-wn-3.0.0-1.el6.x86_64
--> Running transaction check
----> Package dpm-libs.i386 0:1.8.6-1.el6 will be installed
--> Processing Dependency: libc.so.6(GLIBC_2.1.3) for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6(GLIBC_2.3.4) for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6(GLIBC_2.4) for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6 for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6(GLIBC_2.1) for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6(GLIBC_2.2) for package: dpm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libc.so.6(GLIBC_2.0) for package: dpm-libs-1.8.6-1.el6.i386
----> Package gfal.i386 0:1.14.0-1.el6 will be installed
--> Processing Dependency: libglobus_gssapi_gsi.so.4 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: dcap-libs(x86-32) for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libvomsapi.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libuuid.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libz.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libglobus_ftp_client.so.2 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libsoap.so.0 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libcgsi_plugin.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libglib-2.0.so.0 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libglobus_gss_assist.so.3 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libgfal_srm_ifce.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libis_ifce.so.1 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libldap-2.4.so.2 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libssl.so.10 for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libuuid.so.1(UUID_1.0) for package: gfal-1.14.0-1.el6.i386
--> Processing Dependency: libcrypto.so.10 for package: gfal-1.14.0-1.el6.i386
----> Package gfal2-all.x86_64 0:2.1.0-2.el6 will be installed
--> Processing Dependency: gfal2-plugin-gridftp(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-core(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-plugin-dcap(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-transfer(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-plugin-lfc(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-plugin-srm(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
--> Processing Dependency: gfal2-plugin-rfio(x86-64) = 2.1.0-2.el6 for package: gfal2-all-2.1.0-2.el6.x86_64
----> Package gfal2-devel.x86_64 0:2.1.0-2.el6 will be installed
--> Processing Dependency: libattr-devel(x86-64) for package: gfal2-devel-2.1.0-2.el6.x86_64
--> Processing Dependency: glib2-devel(x86-64) for package: gfal2-devel-2.1.0-2.el6.x86_64
--> Processing Dependency: pkgconfig(glib-2.0) for package: gfal2-devel-2.1.0-2.el6.x86_64
----> Package gfal2-doc.x86_64 0:2.1.0-2.el6 will be installed
----> Package gfal2-python.x86_64 0:1.1.0-0.el6 will be installed
----> Package gfalFS.x86_64 0:1.0.1-0.el6 will be installed
--> Processing Dependency: fuse(x86-64) for package: gfalFS-1.0.1-0.el6.x86_64
--> Processing Dependency: libfuse.so.2(FUSE_2.6)(64bit) for package: gfalFS-1.0.1-0.el6.x86_64
--> Processing Dependency: libfuse.so.2()(64bit) for package: gfalFS-1.0.1-0.el6.x86_64
----> Package lcg-util-libs.i386 0:1.14.0-0.el6 will be installed
--> Processing Dependency: libglobus_gass_transfer.so.2 for package: lcg-util-libs-1.14.0-0.el6.i386
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--> Processing Dependency: libgridftp_ifce.so.2 for package: lcg-util-libs-1.14.0-0.el6.i386
--> Processing Dependency: libglobus_gass_copy.so.2 for package: lcg-util-libs-1.14.0-0.el6.i386
--> Package lcgdm-devel.i386 0:1.8.6-1.el6 will be installed
--> Package lcgdm-libs.i386 0:1.8.6-1.el6 will be installed
--> Processing Dependency: libglobus_gsi_cert_utils.so.0 for package: lcgdm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libglobus_gsi_credential.so.1 for package: lcgdm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libglobus_gsi_callback.so.0 for package: lcgdm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libglobus_common.so.0(GLOBUS_COMMON_14) for package: lcgdm-libs-1.8.6-1.el6.i386
--> Processing Dependency: libglobus_common.so.0 for package: lcgdm-libs-1.8.6-1.el6.i386
--> Package lfc-libs.i386 0:1.8.6-1.el6 will be installed
--> Package voms-clients3.noarch 0:3.0.0-1.el6 will be installed
--> Processing Dependency: voms-api-java3 for package: voms-clients3-3.0.0-1.el6.noarch
--> Processing Dependency: jakarta-commons-io for package: voms-clients3-3.0.0-1.el6.noarch
--> Running transaction check
--> Package CGSI-gSOAP.i386 0:1.3.5-2.el6 will be installed
--> Processing Dependency: libstdc++.so.6(GLIBCXX_3.4) for package: CGSI-gSOAP-1.3.5-2.el6.i386
--> Processing Dependency: libstdc++.so.6(CXXABI_1.3) for package: CGSI-gSOAP-1.3.5-2.el6.i386
--> Processing Dependency: libgcc_s.so.1 for package: CGSI-gSOAP-1.3.5-2.el6.i386
--> Processing Dependency: libstdc++.so.6 for package: CGSI-gSOAP-1.3.5-2.el6.i386
--> Package dcap-libs.i386 0:2.47.7-1.el6 will be installed
--> Package fuse.x86_64 0:2.8.3-4.el6 will be installed
--> Package fuse-libs.x86_64 0:2.8.3-4.el6 will be installed
--> Package gfal2-core.x86_64 0:2.1.0-2.el6 will be installed
--> Package gfal2-plugin-dcap.x86_64 0:2.1.0-2.el6 will be installed
--> Package gfal2-plugin-gridftp.x86_64 0:2.1.0-2.el6 will be installed
--> Processing Dependency: libsigc-2.0.so.0()(64bit) for package: gfal2-plugin-gridftp-2.1.0-2.el6.x86_64
--> Processing Dependency: libglibmm-2.4.so.1()(64bit) for package: gfal2-plugin-gridftp-2.1.0-2.el6.x86_64
--> Package gfal2-plugin-lfc.x86_64 0:2.1.0-2.el6 will be installed
--> Package gfal2-plugin-rfio.x86_64 0:2.1.0-2.el6 will be installed
--> Package gfal2-plugin-srm.x86_64 0:2.1.0-2.el6 will be installed
--> Package gfal2-transfer.x86_64 0:2.1.0-2.el6 will be installed
--> Package glib2.i686 0:2.22.5-7.el6 will be installed
--> Processing Dependency: libselinux.so.1 for package: glib2-2.22.5-7.el6.i686
--> Processing Dependency: libfam.so.0 for package: glib2-2.22.5-7.el6.i686
--> Package glib2-devel.x86_64 0:2.22.5-7.el6 will be installed
--> Package glibc.i686 0:2.12-1.80.el6_3.5 will be installed
--> Processing Dependency: libfreebl3.so for package: glibc-2.12-1.80.el6_3.5.i686
--> Processing Dependency: libfreebl3.so(NSSRAWHASH_3.12.3) for package: glibc-2.12-1.80.el6_3.5.i686
--> Package globus-common.i686 0:14.7-1.el6 will be installed
--> Processing Dependency: libltdl.so.7 for package: globus-common-14.7-1.el6.i686
--> Package globus-ftp-client.i686 0:7.4-1.el6 will be installed
--> Processing Dependency: globus-xio-popen-driver(x86-32) >= 2 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: globus-ftp-control(x86-32) >= 4 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: globus-xio(x86-32) >= 3 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: globus-gsi-sysconfig(x86-32) >= 5 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: libglobus_xio.so.0 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: libglobus_ftp_control.so.1 for package: globus-ftp-client-7.4-1.el6.i686
--> Processing Dependency: libglobus_gsi_sysconfig.so.1 for package: globus-ftp-client-7.4-1.el6.i686
--> Package globus-gass-copy.i686 0:8.6-1.el6 will be installed
--> Processing Dependency: globus-io(x86-32) >= 8 for package: globus-gass-copy-8.6-1.el6.i686
--> Processing Dependency: libglobus_io.so.3 for package: globus-gass-copy-8.6-1.el6
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.i686
--> Package globus-gass-transfer.i686 0:7.2-1.el6 will be installed
--> Package globus-gsi-callback.i686 0:4.3-1.el6 will be installed
--> Processing Dependency: globus-gsi-proxy-ssl(x86-32) >= 4 for package: globus-gsi-callback-4.3-1.el6.i686
--> Processing Dependency: globus-gsi-openssl-error(x86-32) >= 2 for package: globus-gsi-callback-4.3-1.el6.i686
--> Processing Dependency: libglobus_openssl_error.so.0 for package: globus-gsi-callback-4.3-1.el6.i686
--> Processing Dependency: libglobus_proxy_ssl.so.1 for package: globus-gsi-callback-4.3-1.el6.i686
--> Package globus-gsi-cert-utils.i686 0:8.3-1.el6 will be installed
--> Processing Dependency: globus-openssl-module(x86-32) >= 3 for package: globus-gsi-cert-utils-8.3-1.el6.i686
--> Processing Dependency: libglobus_openssl.so.0 for package: globus-gsi-cert-utils-8.3-1.el6.i686
--> Package globus-gsi-credential.i686 0:5.3-1.el6 will be installed
--> Package globus-gss-assist.i686 0:8.6-1.el6 will be installed
--> Processing Dependency: globus-callout(x86-32) >= 2 for package: globus-gss-assist-8.6-1.el6.i686
--> Processing Dependency: libglobus_callout.so.0 for package: globus-gss-assist-8.6-1.el6.i686
--> Package globus-gssapi-gsi.i686 0:10.7-1.el6 will be installed
--> Processing Dependency: globus-gsi-proxy-core(x86-32) >= 6 for package: globus-gssapi-gsi-10.7-1.el6.i686
--> Processing Dependency: libglobus_gsi_proxy_core.so.0 for package: globus-gssapi-gsi-10.7-1.el6.i686
--> Package gridftp-ifce.i386 0:2.3.0-0.el6 will be installed
--> Package gsoap.i686 0:2.7.16-3.el6 will be installed
--> Package is-interface.i386 0:1.14.0-0.el6 will be installed
--> Package jakarta-commons-io.noarch 0:1.4-3.el6 will be installed
--> Package libattr-devel.x86_64 0:2.4.44-7.el6 will be installed
--> Package libuuid.i686 0:2.17.2-12.9.el6 will be installed
--> Package openldap.i686 0:2.4.23-26.el6_3.2 will be installed
--> Processing Dependency: libsasl2.so.2 for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.9.3) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.12) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libssl3.so(NSS_3.7.4) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libplds4.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libssl3.so(NSS_3.4) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.4) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libplc4.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnssutil3.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.12.5) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.12.9) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.10) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libssl3.so(NSS_3.2) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnspr4.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.11.1) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libsmime3.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.2) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libssl3.so for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.6) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.3) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.8) for package: openldap-2.4.23-26.el6_3.2.i686
--> Processing Dependency: libnss3.so(NSS_3.9.2) for package: openldap-2.4.23-26.el6_3.2.i686
```

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_3.2.i686
--> Package openssl.i686 0:1.0.0-27.el6_4.2 will be installed
--> Processing Dependency: libgssapi_krb5.so.2 for package: openssl-1.0.0-27.el6_4.2.i686
--> Processing Dependency: libkrb5.so.3(krb5_3_MIT) for package: openssl-1.0.0-27.el6_4.2.i686
--> Processing Dependency: libk5crypto.so.3 for package: openssl-1.0.0-27.el6_4.2.i686
--> Processing Dependency: libk5crypto.so.3(k5crypto_3_MIT) for package: openssl-1.0.0-27.el6_4.2.i686
--> Processing Dependency: libcom_err.so.2 for package: openssl-1.0.0-27.el6_4.2.i686
--> Processing Dependency: libkrb5.so.3 for package: openssl-1.0.0-27.el6_4.2.i686
--> Package srm-ifce.i386 0:1.14.0-1.el6 will be installed
--> Package voms.x86_64 0:2.0.9-1.el6 will be updated
--> Processing Dependency: voms(x86-64) = 2.0.9-1.el6 for package: voms-devel-2.0.9-1.el6.x86_64
--> Package voms.i386 0:2.0.10-1.el6 will be installed
--> Processing Dependency: libexpat.so.1 for package: voms-2.0.10-1.el6.i386
--> Package voms.x86_64 0:2.0.10-1.el6 will be an update
--> Package voms-api-java3.noarch 0:3.0.0-1.el6 will be installed
--> Processing Dependency: bouncycastle-mail for package: voms-api-java3-3.0.0-1.el6.noarch
--> Processing Dependency: canl-java for package: voms-api-java3-3.0.0-1.el6.noarch
--> Package zlib.i686 0:1.2.3-29.el6 will be installed
--> Running transaction check
--> Package bouncycastle-mail.noarch 0:1.46-1.s16 will be installed
--> Processing Dependency: bouncycastle = 1.46 for package: bouncycastle-mail-1.46-1.s16.noarch
--> Package canl-java.noarch 0:1.1.0-2.s16 will be installed
--> Package cyrus-sasl-lib.i686 0:2.1.23-13.el6 will be installed
--> Processing Dependency: libdb-4.7.so for package: cyrus-sasl-lib-2.1.23-13.el6.i686
--> Package expat.i686 0:2.0.1-11.el6_2 will be installed
--> Package gamin.i686 0:0.1.10-9.el6 will be installed
--> Package glibmm24.x86_64 0:2.22.1-1.el6 will be installed
--> Package globus-callout.i686 0:2.2-1.el6 will be installed
--> Package globus-ftp-control.i686 0:4.4-1.el6 will be installed
--> Processing Dependency: globus-gssapi-error(x86-32) >= 4 for package: globus-ftp-control-4.4-1.el6.i686
--> Processing Dependency: libglobus_gssapi_error.so.2 for package: globus-ftp-control-4.4-1.el6.i686
--> Package globus-gsi-openssl-error.i686 0:2.1-2.el6 will be installed
--> Package globus-gsi-proxy-core.i686 0:6.2-1.el6 will be installed
--> Package globus-gsi-proxy-ssl.i686 0:4.1-2.el6 will be installed
--> Package globus-gsi-sysconfig.i686 0:5.3-1.el6 will be installed
--> Package globus-io.i686 0:9.3-1.el6 will be installed
--> Processing Dependency: globus-xio-gsi-driver(x86-32) >= 2 for package: globus-io-9.3-1.el6.i686
--> Package globus-openssl-module.i686 0:3.2-1.el6 will be installed
--> Package globus-xio.i686 0:3.3-1.el6 will be installed
--> Package globus-xio-popen-driver.i686 0:2.3-1.el6 will be installed
--> Package krb5-libs.x86_64 0:1.10.3-10.el6 will be updated
--> Processing Dependency: krb5-libs = 1.10.3-10.el6 for package: krb5-devel-1.10.3-10.el6.x86_64
--> Package krb5-libs.i686 0:1.10.3-10.el6_4.1 will be installed
--> Processing Dependency: libkeyutils.so.1(KEYUTILS_0.3) for package: krb5-libs-1.10.3-10.el6_4.1.i686
--> Processing Dependency: libkeyutils.so.1 for package: krb5-libs-1.10.3-10.el6_4.1.i686
--> Package krb5-libs.x86_64 0:1.10.3-10.el6_4.1 will be an update
--> Package libcom_err.i686 0:1.41.12-12.el6 will be installed
--> Package libgcc.i686 0:4.4.6-4.el6 will be installed
--> Package libselinux.i686 0:2.0.94-5.3.el6 will be installed
--> Package libsigc++20.x86_64 0:2.2.4.2-1.el6 will be installed
--> Package libstdc++.i686 0:4.4.6-4.el6 will be installed
--> Package libtool-ltdl.i686 0:2.2.6-15.5.el6 will be installed
--> Package nspr.i686 0:4.9.2-0.el6_3.1 will be installed
--> Package nss.i686 0:3.14.0.0-12.el6 will be installed
--> Processing Dependency: nss-softokn(x86-32) >= 3.12.9 for package: nss-3.14.0.0-12.el6.i686
--> Processing Dependency: libsoftokn3.so for package: nss-3.14.0.0-12.el6.i686
--> Package nss-softokn-freebl.i686 0:3.12.9-11.el6 will be installed
```

```

--> Package nss-util.i686 0:3.14.0.0-2.el6 will be installed
--> Package voms-devel.x86_64 0:2.0.9-1.el6 will be updated
--> Package voms-devel.x86_64 0:2.0.10-1.el6 will be an update
--> Running transaction check
--> Package bouncycastle.noarch 0:1.46-1.el6 will be installed
--> Package db4.i686 0:4.7.25-17.el6 will be installed
--> Package globus-gssapi-error.i686 0:4.1-2.el6 will be installed
--> Package globus-xio-gsi-driver.i686 0:2.3-1.el6 will be installed
--> Package keyutils-libs.i686 0:1.4-4.el6 will be installed
--> Package krb5-devel.x86_64 0:1.10.3-10.el6 will be updated
--> Package krb5-devel.x86_64 0:1.10.3-10.el6_4.1 will be an update
--> Package nss-softokn.i686 0:3.12.9-11.el6 will be installed
--> Processing Dependency: libsqlite3.so.0 for package: nss-softokn-3.12.9-11.el6.i686
--> Running transaction check
--> Package sqlite.i686 0:3.6.20-1.el6 will be installed
--> Processing Dependency: libreadline.so.6 for package: sqlite-3.6.20-1.el6.i686
--> Running transaction check
--> Package readline.i686 0:6.0-4.el6 will be installed
--> Processing Dependency: libtinfo.so.5 for package: readline-6.0-4.el6.i686
--> Running transaction check
--> Package ncurses-libs.i686 0:5.7-3.20090208.el6 will be installed
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
Package                               Arch      Version                               Repository
-----
Installing:
emi-wn                                  x86_64    3.0.0-1.el6                           EMI.emi-wn.sl6.
x86_64      3.5 k
Installing for dependencies:
CGSI-gSOAP                             i386      1.3.5-2.el6                           EMI.emi-wn.sl6.
x86_64      39 k
bouncycastle                             noarch    1.46-1.el6                             epel
                                         2.3 M
bouncycastle-mail                       noarch    1.46-1.sl6                             EMI.emi-wn.sl6.
x86_64      468 k
canl-java                               noarch    1.1.0-2.sl6                             EMI.emi-wn.sl6.
x86_64      261 k
cyrus-sasl-lib                          i686      2.1.23-13.el6                          sl
                                         134 k
db4                                       i686      4.7.25-17.el6                          sl
                                         579 k
dcap-libs                               i386      2.47.7-1.el6                           EMI.emi-wn.sl6.
x86_64      83 k
dpm-libs                               i386      1.8.6-1.el6                             EMI.emi-wn.sl6.
x86_64      137 k
expat                                    i686      2.0.1-11.el6_2                          sl
                                         78 k
fuse                                       x86_64    2.8.3-4.el6                             sl
                                         70 k
fuse-libs                               x86_64    2.8.3-4.el6                             sl
                                         73 k
gamin                                    i686      0.1.10-9.el6                            sl
                                         119 k
gfal                                      i386      1.14.0-1.el6                           EMI.emi-wn.sl6.
x86_64      107 k
gfal2-all                               x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.
x86_64      5.8 k
gfal2-core                               x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.
x86_64      39 k
gfal2-devel                             x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.
x86_64      25 k
gfal2-doc                               x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.
x86_64      90 k
gfal2-plugin-dcap                       x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.
x86_64      12 k
gfal2-plugin-gridftp                    x86_64    2.1.0-2.el6                             EMI.emi-wn.sl6.

```


x86_64	41 k			
gfal2-plugin-lfc		x86_64	2.1.0-2.el6	EMI.emi-wn.sl6.
x86_64	20 k			
gfal2-plugin-rfio		x86_64	2.1.0-2.el6	EMI.emi-wn.sl6.
x86_64	12 k			
gfal2-plugin-srm		x86_64	2.1.0-2.el6	EMI.emi-wn.sl6.
x86_64	31 k			
gfal2-python		x86_64	1.1.0-0.el6	EMI.emi-wn.sl6.
x86_64	65 k			
gfal2-transfer		x86_64	2.1.0-2.el6	EMI.emi-wn.sl6.
x86_64	14 k			
gfalFS		x86_64	1.0.1-0.el6	EMI.emi-wn.sl6.
x86_64	15 k			
glib2		i686	2.22.5-7.el6	sl
	1.1 M			
glib2-devel		x86_64	2.22.5-7.el6	sl
	1.3 M			
glibc		i686	2.12-1.80.el6_3.5	sl-security
	4.3 M			
glibmm24		x86_64	2.22.1-1.el6	sl
	271 k			
globus-callout		i686	2.2-1.el6	UMD-2-updates
	16 k			
globus-common		i686	14.7-1.el6	UMD-2-updates
	115 k			
globus-ftp-client		i686	7.4-1.el6	UMD-2-updates
	92 k			
globus-ftp-control		i686	4.4-1.el6	UMD-2-updates
	66 k			
globus-gass-copy		i686	8.6-1.el6	UMD-2-updates
	34 k			
globus-gass-transfer		i686	7.2-1.el6	UMD-2-updates
	39 k			
globus-gsi-callback		i686	4.3-1.el6	UMD-2-updates
	36 k			
globus-gsi-cert-utils		i686	8.3-1.el6	UMD-2-updates
	18 k			
globus-gsi-credential		i686	5.3-1.el6	UMD-2-updates
	30 k			
globus-gsi-openssl-error		i686	2.1-2.el6	UMD-2-updates
	15 k			
globus-gsi-proxy-core		i686	6.2-1.el6	UMD-2-updates
	30 k			
globus-gsi-proxy-ssl		i686	4.1-2.el6	UMD-2-updates
	16 k			
globus-gsi-sysconfig		i686	5.3-1.el6	UMD-2-updates
	26 k			
globus-gss-assist		i686	8.6-1.el6	EMI.emi-wn.sl6.
x86_64	31 k			
globus-gssapi-error		i686	4.1-2.el6	UMD-2-updates
	13 k			
globus-gssapi-gsi		i686	10.7-1.el6	UMD-2-updates
	53 k			
globus-io		i686	9.3-1.el6	UMD-2-updates
	38 k			
globus-openssl-module		i686	3.2-1.el6	UMD-2-updates
	13 k			
globus-xio		i686	3.3-1.el6	UMD-2-updates
	142 k			
globus-xio-gsi-driver		i686	2.3-1.el6	UMD-2-updates
	31 k			
globus-xio-popen-driver		i686	2.3-1.el6	UMD-2-updates
	19 k			
gridftp-ifce		i386	2.3.0-0.el6	EMI.emi-wn.sl6.
x86_64	14 k			
gsoap		i686	2.7.16-3.el6	epel
	205 k			
is-interface		i386	1.14.0-0.el6	EMI.emi-wn.sl6.
x86_64	45 k			
jakarta-commons-io		noarch	1.4-3.el6	sl
	104 k			
keyutils-libs		i686	1.4-4.el6	sl
	19 k			

krb5-libs		i686	1.10.3-10.el6_4.1	sl-security
	767 k			
lcg-util-libs		i386	1.14.0-0.el6	EMI.emi-wn.sl6.
x86_64	54 k			
lcgdm-devel		i386	1.8.6-1.el6	EMI.emi-wn.sl6.
x86_64	44 k			
lcgdm-libs		i386	1.8.6-1.el6	EMI.emi-wn.sl6.
x86_64	89 k			
lfc-libs		i386	1.8.6-1.el6	EMI.emi-wn.sl6.
x86_64	39 k			
libattr-devel		x86_64	2.4.44-7.el6	sl
	39 k			
libcom_err		i686	1.41.12-12.el6	sl
	35 k			
libgcc		i686	4.4.6-4.el6	sl
	110 k			
libselenium		i686	2.0.94-5.3.el6	sl
	107 k			
libsic++20		x86_64	2.2.4.2-1.el6	sl
	52 k			
libstdc++		i686	4.4.6-4.el6	sl
	298 k			
libtool-ltdl		i686	2.2.6-15.5.el6	sl
	44 k			
libuuid		i686	2.17.2-12.9.el6	sl-security
	66 k			
ncurses-libs		i686	5.7-3.20090208.el6	sl
	250 k			
nspr		i686	4.9.2-0.el6_3.1	sl-security
	113 k			
nss		i686	3.14.0.0-12.el6	sl-security
	773 k			
nss-softokn		i686	3.12.9-11.el6	sl
	171 k			
nss-softokn-freebl		i686	3.12.9-11.el6	sl
	115 k			
nss-util		i686	3.14.0.0-2.el6	sl-security
	60 k			
openldap		i686	2.4.23-26.el6_3.2	sl-security
	264 k			
openssl		i686	1.0.0-27.el6_4.2	sl-security
	1.4 M			
readline		i686	6.0-4.el6	sl
	175 k			
sqlite		i686	3.6.20-1.el6	sl
	306 k			
srm-ifce		i386	1.14.0-1.el6	EMI.emi-wn.sl6.
x86_64	155 k			
voms		i386	2.0.10-1.el6	EMI.emi-wn.sl6.
x86_64	140 k			
voms-api-java3		noarch	3.0.0-1.el6	EMI.emi-wn.sl6.
x86_64	118 k			
voms-clients3		noarch	3.0.0-1.el6	EMI.emi-wn.sl6.
x86_64	124 k			
zlib		i686	1.2.3-29.el6	sl-security
	72 k			
Updating for dependencies:				
krb5-devel		x86_64	1.10.3-10.el6_4.1	sl-security
	493 k			
krb5-libs		x86_64	1.10.3-10.el6_4.1	sl-security
	759 k			
voms		x86_64	2.0.10-1.el6	EMI.emi-wn.sl6.
x86_64	136 k			
voms-devel		x86_64	2.0.10-1.el6	EMI.emi-wn.sl6.
x86_64	26 k			

Transaction Summary

```
=====
```

```
Install      84 Package(s)
Upgrade      4 Package(s)
```

```
Total download size: 20 M
```

Downloading Packages:

(1/88): CGSI-gSOAP-1.3.5-2.el6.i386.rpm		39
kB 00:00		
(2/88): bouncycastle-1.46-1.el6.noarch.rpm		2.3
MB 00:00		
(3/88): bouncycastle-mail-1.46-1.sl6.noarch.rpm		468
kB 00:01		
(4/88): canl-java-1.1.0-2.sl6.noarch.rpm		261
kB 00:00		
(5/88): cyrus-sasl-lib-2.1.23-13.el6.i686.rpm		134
kB 00:01		
(6/88): db4-4.7.25-17.el6.i686.rpm		579
kB 00:02		
(7/88): dcap-libs-2.47.7-1.el6.i386.rpm		83
kB 00:00		
(8/88): dpm-libs-1.8.6-1.el6.i386.rpm		137
kB 00:00		
(9/88): emi-wn-3.0.0-1.el6.x86_64.rpm		3.5
kB 00:00		
(10/88): expat-2.0.1-11.el6_2.i686.rpm		78
kB 00:00		
(11/88): fuse-2.8.3-4.el6.x86_64.rpm		70
kB 00:00		
(12/88): fuse-libs-2.8.3-4.el6.x86_64.rpm		73
kB 00:00		
(13/88): gamin-0.1.10-9.el6.i686.rpm		119
kB 00:00		
(14/88): gfal-1.14.0-1.el6.i386.rpm		107
kB 00:00		
(15/88): gfal2-all-2.1.0-2.el6.x86_64.rpm		5.8
kB 00:00		
(16/88): gfal2-core-2.1.0-2.el6.x86_64.rpm		39
kB 00:00		
(17/88): gfal2-devel-2.1.0-2.el6.x86_64.rpm		25
kB 00:00		
(18/88): gfal2-doc-2.1.0-2.el6.x86_64.rpm		90
kB 00:00		
(19/88): gfal2-plugin-dcap-2.1.0-2.el6.x86_64.rpm		12
kB 00:00		
(20/88): gfal2-plugin-gridftp-2.1.0-2.el6.x86_64.rpm		41
kB 00:00		
(21/88): gfal2-plugin-lfc-2.1.0-2.el6.x86_64.rpm		20
kB 00:00		
(22/88): gfal2-plugin-rfio-2.1.0-2.el6.x86_64.rpm		12
kB 00:00		
(23/88): gfal2-plugin-srm-2.1.0-2.el6.x86_64.rpm		31
kB 00:00		
(24/88): gfal2-python-1.1.0-0.el6.x86_64.rpm		65
kB 00:00		
(25/88): gfal2-transfer-2.1.0-2.el6.x86_64.rpm		14
kB 00:00		
(26/88): gfalFS-1.0.1-0.el6.x86_64.rpm		15
kB 00:00		
(27/88): glib2-2.22.5-7.el6.i686.rpm		1.1
MB 00:02		
(28/88): glib2-devel-2.22.5-7.el6.x86_64.rpm		1.3
MB 00:02		
(29/88): glibc-2.12-1.80.el6_3.5.i686.rpm		4.3
MB 00:03		
(30/88): glibmm24-2.22.1-1.el6.x86_64.rpm		271
kB 00:00		
(31/88): globus-callout-2.2-1.el6.i686.rpm		16
kB 00:00		
(32/88): globus-common-14.7-1.el6.i686.rpm		115
kB 00:00		
(33/88): globus-ftp-client-7.4-1.el6.i686.rpm		92
kB 00:00		
(34/88): globus-ftp-control-4.4-1.el6.i686.rpm		66
kB 00:00		
(35/88): globus-gass-copy-8.6-1.el6.i686.rpm		34
kB 00:00		
(36/88): globus-gass-transfer-7.2-1.el6.i686.rpm		39
kB 00:00		

(37/88): globus-gsi-callback-4.3-1.el6.i686.rpm kB 00:00	36
(38/88): globus-gsi-cert-utils-8.3-1.el6.i686.rpm kB 00:00	18
(39/88): globus-gsi-credential-5.3-1.el6.i686.rpm kB 00:00	30
(40/88): globus-gsi-openssl-error-2.1-2.el6.i686.rpm kB 00:00	15
(41/88): globus-gsi-proxy-core-6.2-1.el6.i686.rpm kB 00:00	30
(42/88): globus-gsi-proxy-ssl-4.1-2.el6.i686.rpm kB 00:00	16
(43/88): globus-gsi-sysconfig-5.3-1.el6.i686.rpm kB 00:00	26
(44/88): globus-gss-assist-8.6-1.el6.i686.rpm kB 00:00	31
(45/88): globus-gssapi-error-4.1-2.el6.i686.rpm kB 00:00	13
(46/88): globus-gssapi-gsi-10.7-1.el6.i686.rpm kB 00:00	53
(47/88): globus-io-9.3-1.el6.i686.rpm kB 00:00	38
(48/88): globus-openssl-module-3.2-1.el6.i686.rpm kB 00:00	13
(49/88): globus-xio-3.3-1.el6.i686.rpm kB 00:00	142
(50/88): globus-xio-gsi-driver-2.3-1.el6.i686.rpm kB 00:00	31
(51/88): globus-xio-popen-driver-2.3-1.el6.i686.rpm kB 00:00	19
(52/88): gridftp-ifce-2.3.0-0.el6.i386.rpm kB 00:00	14
(53/88): gsoap-2.7.16-3.el6.i686.rpm kB 00:00	205
(54/88): is-interface-1.14.0-0.el6.i386.rpm kB 00:00	45
(55/88): jakarta-commons-io-1.4-3.el6.noarch.rpm kB 00:01	104
(56/88): keyutils-libs-1.4-4.el6.i686.rpm kB 00:00	19
(57/88): krb5-devel-1.10.3-10.el6_4.1.x86_64.rpm kB 00:01	493
(58/88): krb5-libs-1.10.3-10.el6_4.1.i686.rpm kB 00:00	767
(59/88): krb5-libs-1.10.3-10.el6_4.1.x86_64.rpm kB 00:00	759
(60/88): lcg-util-libs-1.14.0-0.el6.i386.rpm kB 00:00	54
(61/88): lcgdm-devel-1.8.6-1.el6.i386.rpm kB 00:00	44
(62/88): lcgdm-libs-1.8.6-1.el6.i386.rpm kB 00:00	89
(63/88): lfc-libs-1.8.6-1.el6.i386.rpm kB 00:00	39
(64/88): libattr-devel-2.4.44-7.el6.x86_64.rpm kB 00:00	39
(65/88): libcom_err-1.41.12-12.el6.i686.rpm kB 00:00	35
(66/88): libgcc-4.4.6-4.el6.i686.rpm kB 00:00	110
(67/88): libselinux-2.0.94-5.3.el6.i686.rpm kB 00:00	107
(68/88): libsigc++20-2.2.4.2-1.el6.x86_64.rpm kB 00:00	52
(69/88): libstdc++-4.4.6-4.el6.i686.rpm kB 00:00	298
(70/88): libtool-ltdl-2.2.6-15.5.el6.i686.rpm kB 00:00	44
(71/88): libuuid-2.17.2-12.9.el6.i686.rpm kB 00:00	66
(72/88): ncurses-libs-5.7-3.20090208.el6.i686.rpm kB 00:01	250
(73/88): nspr-4.9.2-0.el6_3.1.i686.rpm	113

```

kB      00:00
(74/88): nss-3.14.0.0-12.el6.i686.rpm           | 773
kB      00:01
(75/88): nss-softokn-3.12.9-11.el6.i686.rpm    | 171
kB      00:00
(76/88): nss-softokn-freebl-3.12.9-11.el6.i686.rpm | 115
kB      00:00
(77/88): nss-util-3.14.0.0-2.el6.i686.rpm      | 60
kB      00:00
(78/88): openldap-2.4.23-26.el6_3.2.i686.rpm  | 264
kB      00:00
(79/88): openssl-1.0.0-27.el6_4.2.i686.rpm    | 1.4
MB      00:02
(80/88): readline-6.0-4.el6.i686.rpm          | 175
kB      00:00
(81/88): sqlite-3.6.20-1.el6.i686.rpm         | 306
kB      00:01
(82/88): srm-ifce-1.14.0-1.el6.i386.rpm        | 155
kB      00:00
(83/88): voms-2.0.10-1.el6.i386.rpm            | 140
kB      00:00
(84/88): voms-2.0.10-1.el6.x86_64.rpm         | 136
kB      00:00
(85/88): voms-api-java3-3.0.0-1.el6.noarch.rpm | 118
kB      00:00
(86/88): voms-clients3-3.0.0-1.el6.noarch.rpm  | 124
kB      00:00
(87/88): voms-devel-2.0.10-1.el6.x86_64.rpm   | 26
kB      00:00
(88/88): zlib-1.2.3-29.el6.i686.rpm           | 72

```

```
-----
Total                                          340 kB/s | 20
```

```
MB      01:00
```

```
Running rpm_check_debug
```

```
Running Transaction Test
```

```
Transaction Test Succeeded
```

```
Running Transaction
```

```

Installing : jakarta-commons-io-1.4-3.el6.noarch
           1/92
Installing : bouncycastle-1.46-1.el6.noarch
           2/92
Installing : canl-java-1.1.0-2.s16.noarch
           3/92
Installing : bouncycastle-mail-1.46-1.s16.noarch
           4/92
Installing : voms-api-java3-3.0.0-1.el6.noarch
           5/92
Installing : voms-clients3-3.0.0-1.el6.noarch
           6/92
Installing : libattr-devel-2.4.44-7.el6.x86_64
           7/92
Installing : libgcc-4.4.6-4.el6.i686
           8/92
Installing : nss-softokn-freebl-3.12.9-11.el6.i686
           9/92
Installing : glibc-2.12-1.80.el6_3.5.i686
          10/92
Installing : gfal2-core-2.1.0-2.el6.x86_64
          11/92
Installing : libsigc++20-2.2.4.2-1.el6.x86_64
          12/92
Installing : nspr-4.9.2-0.el6_3.1.i686
          13/92
Installing : zlib-1.2.3-29.el6.i686
          14/92
Installing : glibmm24-2.22.1-1.el6.x86_64
          15/92
Installing : gfal2-transfer-2.1.0-2.el6.x86_64
          16/92
Installing : nss-util-3.14.0.0-2.el6.i686
          17/92

```

```
Installing : libstdc++-4.4.6-4.el6.i686
           18/92
Installing : dcap-libs-2.47.7-1.el6.i386
           19/92
Installing : expat-2.0.1-11.el6_2.i686
           20/92
Installing : libtool-ltdl-2.2.6-15.5.el6.i686
           21/92
Installing : globus-common-14.7-1.el6.i686
           22/92
Installing : globus-xio-3.3-1.el6.i686
           23/92
Installing : libcom_err-1.41.12-12.el6.i686
           24/92
Installing : libselinux-2.0.94-5.3.el6.i686
           25/92
Installing : gfal2-python-1.1.0-0.el6.x86_64
           26/92
Installing : gfal2-plugin-srm-2.1.0-2.el6.x86_64
           27/92
Installing : gfal2-plugin-gridftp-2.1.0-2.el6.x86_64
           28/92
Installing : gfal2-plugin-rfio-2.1.0-2.el6.x86_64
           29/92
Installing : gfal2-plugin-lfc-2.1.0-2.el6.x86_64
           30/92
Installing : gfal2-doc-2.1.0-2.el6.x86_64
           31/92
Installing : gfal2-plugin-dcap-2.1.0-2.el6.x86_64
           32/92
Installing : gfal2-all-2.1.0-2.el6.x86_64
           33/92
Installing : fuse-2.8.3-4.el6.x86_64
           34/92
Installing : fuse-libs-2.8.3-4.el6.x86_64
           35/92
Installing : gfalFS-1.0.1-0.el6.x86_64
           36/92
Updating   : krb5-libs-1.10.3-10.el6_4.1.x86_64
           37/92
Installing : glib2-2.22.5-7.el6.i686
           38/92
Installing : gamin-0.1.10-9.el6.i686
           39/92
Installing : glib2-devel-2.22.5-7.el6.x86_64
           40/92
Installing : gfal2-devel-2.1.0-2.el6.x86_64
           41/92
Installing : globus-xio-popen-driver-2.3-1.el6.i686
           42/92
Installing : globus-callout-2.2-1.el6.i686
           43/92
Installing : ncurses-libs-5.7-3.20090208.el6.i686
           44/92
Installing : readline-6.0-4.el6.i686
           45/92
Installing : sqlite-3.6.20-1.el6.i686
           46/92
Installing : nss-softokn-3.12.9-11.el6.i686
           47/92
Installing : nss-3.14.0.0-12.el6.i686
           48/92
Installing : keyutils-libs-1.4-4.el6.i686
           49/92
Installing : krb5-libs-1.10.3-10.el6_4.1.i686
           50/92
Installing : openssl-1.0.0-27.el6_4.2.i686
           51/92
Installing : globus-gsi-openssl-error-2.1-2.el6.i686
           52/92
Updating   : voms-2.0.10-1.el6.x86_64
           53/92
Installing : globus-gsi-sysconfig-5.3-1.el6.i686
```

```
54/92
Installing : globus-gsi-proxy-ssl-4.1-2.el6.i686
55/92
Installing : voms-2.0.10-1.el6.i386
56/92
Installing : globus-openssl-module-3.2-1.el6.i686
57/92
Installing : globus-gsi-cert-utils-8.3-1.el6.i686
58/92
Installing : globus-gsi-callback-4.3-1.el6.i686
59/92
Installing : globus-gsi-credential-5.3-1.el6.i686
60/92
Installing : gsoap-2.7.16-3.el6.i686
61/92
Updating   : voms-devel-2.0.10-1.el6.x86_64
62/92
Installing : globus-gsi-proxy-core-6.2-1.el6.i686
63/92
Installing : globus-gssapi-gsi-10.7-1.el6.i686
64/92
Installing : globus-gss-assist-8.6-1.el6.i686
65/92
Installing : lcgdm-libs-1.8.6-1.el6.i386
66/92
Installing : globus-gssapi-error-4.1-2.el6.i686
67/92
Installing : dpm-libs-1.8.6-1.el6.i386
68/92
Installing : lfc-libs-1.8.6-1.el6.i386
69/92
Installing : CGSI-gSOAP-1.3.5-2.el6.i386
70/92
Installing : lcgdm-devel-1.8.6-1.el6.i386
71/92
Installing : srm-ifce-1.14.0-1.el6.i386
72/92
Installing : globus-xio-gsi-driver-2.3-1.el6.i686
73/92
Installing : globus-io-9.3-1.el6.i686
74/92
Installing : globus-gass-transfer-7.2-1.el6.i686
75/92
Installing : globus-ftp-control-4.4-1.el6.i686
76/92
Installing : globus-ftp-client-7.4-1.el6.i686
77/92
Installing : globus-gass-copy-8.6-1.el6.i686
78/92
Installing : gridftp-ifce-2.3.0-0.el6.i386
79/92
Installing : libuuid-2.17.2-12.9.el6.i686
80/92
Installing : db4-4.7.25-17.el6.i686
81/92
Updating   : krb5-devel-1.10.3-10.el6_4.1.x86_64
82/92
Installing : cyrus-sasl-lib-2.1.23-13.el6.i686
83/92
Installing : openldap-2.4.23-26.el6_3.2.i686
84/92
Installing : is-interface-1.14.0-0.el6.i386
85/92
Installing : gfal-1.14.0-1.el6.i386
86/92
Installing : lcg-util-libs-1.14.0-0.el6.i386
87/92
Installing : emi-wn-3.0.0-1.el6.x86_64
88/92
Cleanup    : voms-devel-2.0.9-1.el6.x86_64
89/92
Cleanup    : krb5-devel-1.10.3-10.el6.x86_64
90/92
```

```
Cleanup      : krb5-libs-1.10.3-10.el6.x86_64
91/92
Cleanup      : voms-2.0.9-1.el6.x86_64
92/92
Verifying    : globus-callout-2.2-1.el6.i686
1/92
Verifying    : globus-gsi-proxy-core-6.2-1.el6.i686
2/92
Verifying    : openldap-2.4.23-26.el6_3.2.i686
3/92
Verifying    : voms-2.0.10-1.el6.i386
4/92
Verifying    : globus-gsi-sysconfig-5.3-1.el6.i686
5/92
Verifying    : globus-common-14.7-1.el6.i686
6/92
Verifying    : readline-6.0-4.el6.i686
7/92
Verifying    : ncurses-libs-5.7-3.20090208.el6.i686
8/92
Verifying    : gfal2-plugin-rfio-2.1.0-2.el6.x86_64
9/92
Verifying    : globus-gss-assist-8.6-1.el6.i686
10/92
Verifying    : dpm-libs-1.8.6-1.el6.i386
11/92
Verifying    : gamin-0.1.10-9.el6.i686
12/92
Verifying    : libattr-devel-2.4.44-7.el6.x86_64
13/92
Verifying    : glibc-2.12-1.80.el6_3.5.i686
14/92
Verifying    : globus-gass-transfer-7.2-1.el6.i686
15/92
Verifying    : gfalFS-1.0.1-0.el6.x86_64
16/92
Verifying    : krb5-devel-1.10.3-10.el6_4.1.x86_64
17/92
Verifying    : gfal2-python-1.1.0-0.el6.x86_64
18/92
Verifying    : lcgdm-devel-1.8.6-1.el6.i386
19/92
Verifying    : gfal2-plugin-lfc-2.1.0-2.el6.x86_64
20/92
Verifying    : libsigc++20-2.2.4.2-1.el6.x86_64
21/92
Verifying    : krb5-libs-1.10.3-10.el6_4.1.i686
22/92
Verifying    : expat-2.0.1-11.el6_2.i686
23/92
Verifying    : openssl-1.0.0-27.el6_4.2.i686
24/92
Verifying    : voms-api-java3-3.0.0-1.el6.noarch
25/92
Verifying    : gfal2-transfer-2.1.0-2.el6.x86_64
26/92
Verifying    : libtool-ltdl-2.2.6-15.5.el6.i686
27/92
Verifying    : gfal2-doc-2.1.0-2.el6.x86_64
28/92
Verifying    : glibmm24-2.22.1-1.el6.x86_64
29/92
Verifying    : dcap-libs-2.47.7-1.el6.i386
30/92
Verifying    : globus-io-9.3-1.el6.i686
31/92
Verifying    : gfal2-all-2.1.0-2.el6.x86_64
32/92
Verifying    : nss-softokn-3.12.9-11.el6.i686
33/92
Verifying    : gfal2-devel-2.1.0-2.el6.x86_64
34/92
Verifying    : keyutils-libs-1.4-4.el6.i686
```


35/92
Verifying : globus-xio-popen-driver-2.3-1.el6.i686
36/92
Verifying : globus-ftp-control-4.4-1.el6.i686
37/92
Verifying : nspr-4.9.2-0.el6_3.1.i686
38/92
Verifying : gfal-1.14.0-1.el6.i386
39/92
Verifying : globus-gsi-proxy-ssl-4.1-2.el6.i686
40/92
Verifying : fuse-2.8.3-4.el6.x86_64
41/92
Verifying : glib2-devel-2.22.5-7.el6.x86_64
42/92
Verifying : globus-gsi-credential-5.3-1.el6.i686
43/92
Verifying : cyrus-sasl-lib-2.1.23-13.el6.i686
44/92
Verifying : canl-java-1.1.0-2.s16.noarch
45/92
Verifying : gsoap-2.7.16-3.el6.i686
46/92
Verifying : nss-3.14.0.0-12.el6.i686
47/92
Verifying : globus-gssapi-gsi-10.7-1.el6.i686
48/92
Verifying : emi-wn-3.0.0-1.el6.x86_64
49/92
Verifying : sqlite-3.6.20-1.el6.i686
50/92
Verifying : libgcc-4.4.6-4.el6.i686
51/92
Verifying : bouncycastle-mail-1.46-1.s16.noarch
52/92
Verifying : lcg-util-libs-1.14.0-0.el6.i386
53/92
Verifying : gfal2-plugin-srm-2.1.0-2.el6.x86_64
54/92
Verifying : libstdc++-4.4.6-4.el6.i686
55/92
Verifying : nss-softokn-freebl-3.12.9-11.el6.i686
56/92
Verifying : fuse-libs-2.8.3-4.el6.x86_64
57/92
Verifying : CGSI-gSOAP-1.3.5-2.el6.i386
58/92
Verifying : globus-xio-3.3-1.el6.i686
59/92
Verifying : lfc-libs-1.8.6-1.el6.i386
60/92
Verifying : libuuid-2.17.2-12.9.el6.i686
61/92
Verifying : globus-gass-copy-8.6-1.el6.i686
62/92
Verifying : globus-openssl-module-3.2-1.el6.i686
63/92
Verifying : gfal2-core-2.1.0-2.el6.x86_64
64/92
Verifying : srm-ifce-1.14.0-1.el6.i386
65/92
Verifying : voms-devel-2.0.10-1.el6.x86_64
66/92
Verifying : db4-4.7.25-17.el6.i686
67/92
Verifying : glib2-2.22.5-7.el6.i686
68/92
Verifying : globus-gsi-cert-utils-8.3-1.el6.i686
69/92
Verifying : gfal2-plugin-gridftp-2.1.0-2.el6.x86_64
70/92
Verifying : gridftp-ifce-2.3.0-0.el6.i386
71/92

```

Verifying : voms-2.0.10-1.el6.x86_64
72/92
Verifying : zlib-1.2.3-29.el6.i686
73/92
Verifying : voms-clients3-3.0.0-1.el6.noarch
74/92
Verifying : globus-gsi-callback-4.3-1.el6.i686
75/92
Verifying : libcom_err-1.41.12-12.el6.i686
76/92
Verifying : krb5-libs-1.10.3-10.el6_4.1.x86_64
77/92
Verifying : globus-xio-gsi-driver-2.3-1.el6.i686
78/92
Verifying : lcgdm-libs-1.8.6-1.el6.i386
79/92
Verifying : globus-gssapi-error-4.1-2.el6.i686
80/92
Verifying : nss-util-3.14.0.0-2.el6.i686
81/92
Verifying : libselinux-2.0.94-5.3.el6.i686
82/92
Verifying : bouncycastle-1.46-1.el6.noarch
83/92
Verifying : globus-gsi-openssl-error-2.1-2.el6.i686
84/92
Verifying : is-interface-1.14.0-0.el6.i386
85/92
Verifying : jakarta-commons-io-1.4-3.el6.noarch
86/92
Verifying : gfal2-plugin-dcap-2.1.0-2.el6.x86_64
87/92
Verifying : globus-ftp-client-7.4-1.el6.i686
88/92
Verifying : voms-2.0.9-1.el6.x86_64
89/92
Verifying : krb5-devel-1.10.3-10.el6.x86_64
90/92
Verifying : voms-devel-2.0.9-1.el6.x86_64
91/92
Verifying : krb5-libs-1.10.3-10.el6.x86_64
92/92

```

```

Installed:
emi-wn.x86_64 0:3.0.0-1.el6

```

Dependency Installed:

```

CGSI-gSOAP.i386 0:1.3.5-2.el6
6
bouncycastle-mail.noarch 0:1.46-1.s16
cyrus-sasl-lib.i686 0:2.1.23-13.el6
dcap-libs.i386 0:2.47.7-1.el6
expat.i686 0:2.0.1-11.el6_2
fuse-libs.x86_64 0:2.8.3-4.el6
gfal.i386 0:1.14.0-1.el6
gfal2-core.x86_64 0:2.1.0-2.el6
6
gfal2-doc.x86_64 0:2.1.0-2.el6
0-2.el6
gfal2-plugin-gridftp.x86_64 0:2.1.0-2.el6
-2.el6
gfal2-plugin-rfio.x86_64 0:2.1.0-2.el6
-2.el6
gfal2-python.x86_64 0:1.1.0-0.el6
.el6
gfalFS.x86_64 0:1.0.1-0.el6
bouncycastle.noarch 0:1.46-1.el
canl-java.noarch 0:1.1.0-2.s16
db4.i686 0:4.7.25-17.el6
dpm-libs.i386 0:1.8.6-1.el6
fuse.x86_64 0:2.8.3-4.el6
gamin.i686 0:0.1.10-9.el6
gfal2-all.x86_64 0:2.1.0-2.el6
gfal2-devel.x86_64 0:2.1.0-2.el
gfal2-plugin-dcap.x86_64 0:2.1.
gfal2-plugin-lfc.x86_64 0:2.1.0
gfal2-plugin-srm.x86_64 0:2.1.0
gfal2-transfer.x86_64 0:2.1.0-2
glib2.i686 0:2.22.5-7.el6

```

```

glib2-devel.x86_64 0:2.22.5-7.el6
glibmm24.x86_64 0:2.22.1-1.el6
globus-common.i686 0:14.7-1.el6
el6
globus-ftp-control.i686 0:4.4-1.el6
l6
globus-gass-transfer.i686 0:7.2-1.el6
1.el6
globus-gsi-cert-utils.i686 0:8.3-1.el6
3-1.el6
globus-gsi-openssl-error.i686 0:2.1-2.el6
2-1.el6
globus-gsi-proxy-ssl.i686 0:4.1-2.el6
-1.el6
globus-gss-assist.i686 0:8.6-1.el6
2.el6
globus-gssapi-gsi.i686 0:10.7-1.el6

globus-openssl-module.i686 0:3.2-1.el6

globus-xio-gsi-driver.i686 0:2.3-1.el6
2.3-1.el6
gridftp-ifce.i386 0:2.3.0-0.el6

is-interface.i386 0:1.14.0-0.el6
-3.el6
keyutils-libs.i686 0:1.4-4.el6
4.1
lcg-util-libs.i386 0:1.14.0-0.el6

lcgdm-libs.i386 0:1.8.6-1.el6

libattr-devel.x86_64 0:2.4.44-7.el6
6
libgcc.i686 0:4.4.6-4.el6
6
libsigc++20.x86_64 0:2.2.4.2-1.el6

libtool-ltdl.i686 0:2.2.6-15.5.el6

ncurses-libs.i686 0:5.7-3.20090208.el6

nss.i686 0:3.14.0.0-12.el6
6
nss-softokn-freebl.i686 0:3.12.9-11.el6

openldap.i686 0:2.4.23-26.el6_3.2

readline.i686 0:6.0-4.el6

srm-ifce.i386 0:1.14.0-1.el6

voms-api-java3.noarch 0:3.0.0-1.el6
el6
zlib.i686 0:1.2.3-29.el6

Dependency Updated:
krb5-devel.x86_64 0:1.10.3-10.el6_4.1
6_4.1
voms.x86_64 0:2.0.10-1.el6
6

glibc.i686 0:2.12-1.80.el6_3.5
globus-callout.i686 0:2.2-1.el6
globus-ftp-client.i686 0:7.4-1.
globus-gass-copy.i686 0:8.6-1.e
globus-gsi-callback.i686 0:4.3-
globus-gsi-credential.i686 0:5.
globus-gsi-proxy-core.i686 0:6.
globus-gsi-sysconfig.i686 0:5.3
globus-gssapi-error.i686 0:4.1-
globus-io.i686 0:9.3-1.el6
globus-xio.i686 0:3.3-1.el6
globus-xio-popen-driver.i686 0:
gsoap.i686 0:2.7.16-3.el6
jakarta-commons-io.noarch 0:1.4
krb5-libs.i686 0:1.10.3-10.el6_
lcgdm-devel.i386 0:1.8.6-1.el6
lfc-libs.i386 0:1.8.6-1.el6
libcom_err.i686 0:1.41.12-12.el
libselinux.i686 0:2.0.94-5.3.el
libstdc++.i686 0:4.4.6-4.el6
libuuid.i686 0:2.17.2-12.9.el6
nspr.i686 0:4.9.2-0.el6_3.1
nss-softokn.i686 0:3.12.9-11.el
nss-util.i686 0:3.14.0.0-2.el6
openssl.i686 0:1.0.0-27.el6_4.2
sqlite.i686 0:3.6.20-1.el6
voms.i386 0:2.0.10-1.el6
voms-clients3.noarch 0:3.0.0-1.

krb5-libs.x86_64 0:1.10.3-10.el
voms-devel.x86_64 0:2.0.10-1.el

```

Complete!

** Configuration

```
# /opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -
n TORQUE_client
```

```
INFO: Configuring HOST: test14.egi.cesga.es
```

```
INFO: Using site configuration file: /opt/glite/yaim/etc/site-info.def
```

```
INFO:
```

```
#####
```

```
.
.      /'-. ' )
.   yA,--", ( ,m,:/ ) .oo.   oo   o   ooo o.   .oo
.   /      .-Y a a Y-.   8. .8'   8'8.   8   8b   d'8
.   /      ~ ~ /      8'   .8oo88.   8   8   8'   8
. ( _/      '===='      8   .8'   8.   8   8   Y   8
.   Y,--'-'-,Yy,-.,/      o8o   o8o   o88o   o8o   o8o   o8o
.   I_))_) I_))_)
```

```
current working directory: /root
```

```
site-info.def date: Mar 20 14:03 /opt/glite/yaim/etc/site-info.def
```

```
yaim command: -c -s /opt/glite/yaim/etc/site-info.def -n MPI_WN -n WN -n TO
```

```
RQUE_client
```

```
log file: /opt/glite/yaim/bin/./log/yaimlog
```

```
Mon Mar 25 16:52:23 CET 2013 : /opt/glite/yaim/bin/yaim
```

```
Installed YAIM versions:
```

```
glite-yaim-clients 5.0.1-2
```

```
glite-yaim-core 5.1.0-1
```

```
glite-yaim-mpi 1.1.11-1
```

```
glite-yaim-torque-client 5.1.0-1
```

```
#####
```

```
INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec
```

```
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utils
```

```
INFO: Detecting environment
```

```
INFO: Executing function: config_mpi_wn_check
```

```
INFO: Executing function: config_sysconfig_lcg_check
```

```
INFO: Executing function: config_globus_clients_check
```

```
INFO: Executing function: config_lcgenv_check
```

```
INFO: Executing function: config_users_check
```

```
INFO: Executing function: config_sw_dir_check
```

```
INFO: Executing function: config_fts_client_check
```

```
INFO: Executing function: config_amga_client_check
```

```
INFO: Executing function: config_wn_check
```

```
INFO: Executing function: config_vomsdir_check
```

```
INFO: Executing function: config_vomses_check
```

```
INFO: Executing function: config_glite_saga_check
```

```
INFO: Executing function: config_add_pool_env_check
```

```
INFO: Executing function: config_wn_info_check
```

```
INFO: Executing function: config_torque_client_check
```

```
INFO: Executing function: config_mpi_wn_setenv
```

```
INFO: Setting I2G_MPI_START env variable to /usr/bin/mpi-start
```

```
INFO: Executing function: config_mpi_wn
```

```
INFO: Executing function: config_ldconf
```

```
INFO: config_ldconf: function not needed anymore, left empty waiting to be removed
```

```
INFO: Executing function: config_sysconfig_edg
```

```
INFO: Executing function: config_sysconfig_globus
```

```
INFO: Executing function: config_sysconfig_lcg
```

```
INFO: Executing function: config_crl
```

```
INFO: Now updating the CRLs - this may take a few minutes...
```

```
WARNING: /usr/libexec/fetch-crl.sh didn't finish successfully
```

```
WARNING: CRLs may not be updated, please have a look !
```

```
Enabling periodic fetch-crl:
```

```
[ OK ]
```

```
INFO: Executing function: config_rfio
```

```
INFO: Executing function: config_globus_clients_setenv
```

```
INFO: Executing function: config_globus_clients
```

```
INFO: Configure the globus service - not needed in EMI
```

```
INFO: Executing function: config_lcgenv
```

```
INFO: Executing function: config_users
```

```
INFO: Executing function: config_sw_dir_setenv
```

```
INFO: Executing function: config_sw_dir
```

```
WARNING: YAIM has detected multiple sgm accounts
```

```
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft
```

```
/ops
```

```
WARNING: to ensure that the VO software area in /opt/exp_soft/ops has the correct permissions.
```

```
WARNING: YAIM has detected multiple sgm accounts
```

```
WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft
```

```
/dteam
```

```
WARNING: to ensure that the VO software area in /opt/exp_soft/dteam has the corre
```

```

ct permissions.
  WARNING: YAIM has detected multiple sgm accounts
  WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft
/opsibeu
  WARNING: to ensure that the VO software area in /opt/exp_soft/opsibeu has the cor
rect permissions.
  WARNING: YAIM has detected multiple sgm accounts
  WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft
/iberibeu
  WARNING: to ensure that the VO software area in /opt/exp_soft/iberibeu has the co
rrect permissions.
  WARNING: YAIM has detected multiple sgm accounts
  WARNING: Execute the following command manually: chmod -R ug+rw,o-w /opt/exp_soft
/cesga
  WARNING: to ensure that the VO software area in /opt/exp_soft/cesga has the corre
ct permissions.
INFO: Executing function: config_fts_client
INFO: Executing function: config_amga_client_setenv
INFO: Executing function: config_amga_client
INFO: Executing function: config_wn_setenv
INFO: Executing function: config_wn
INFO: Executing function: config_vommdir_setenv
INFO: Executing function: config_vommdir
INFO: Executing function: config_vomses
INFO: Executing function: config_glite_saga_setenv
INFO: Executing function: config_glite_saga
INFO: Executing function: config_add_pool_env_setenv
INFO: Executing function: config_add_pool_env
INFO: Executing function: config_wn_info
  WARNING: No subcluster has been defined for the WN in the WN_LIST file /opt/glite
/yaim/etc/wn-list.conf
  WARNING: YAIM will use the default subcluster id: CE_HOST -> test06.egi.cesga.es
INFO: Executing function: config_torque_client
  WARNING: /var/lib/torque/mom_priv/config already exists, YAIM will not touch it
Starting MUNGE: munged
  INFO: starting pbs_mom...
Shutting down TORQUE Mom:           [ OK ]
Starting TORQUE Mom:                 [ OK ]
  INFO: Configuration Complete.           [ OK ]
]
  INFO: YAIM terminated succesfully.

*** World writable files:
rpm -qalv | egrep "^[-d]([-r][-w][-xs]){2}[-r]w"
# drwxrwxrwt    2 root    root                0 Dec  3  2011 /var/lib/torque
/undelivered
# drwxrwxrwt    2 root    root                0 Jul 20  2011 /tmp
# drwxrwxrwt    2 root    root                0 Jul 20  2011 /var/tmp
# drwxrwxrwt    2 root    root                0 Dec  3  2011 /var/lib/torque
/checkpoint
# drwxrwxrwt    2 root    root                0 Dec  3  2011 /var/lib/torque
/spool
# drwxrwxrwt    2 root    root                0 Dec  3  2011 /var/lib/torque
/undelivered

*** Job submission test
$ glite-ce-job-submit -a -r test06.egi.cesga.es:8443/cream-pbs-GRID_dteam wn.jdl
https://test06.egi.cesga.es:8443/CREAM636582269

$ glite-ce-job-status https://test06.egi.cesga.es:8443/CREAM636582269

***** JobID=[https://test06.egi.cesga.es:8443/CREAM636582269]
      Status      = [DONE-OK]
      ExitCode    = [0]

$ cat std.*
Host: test14.egi.cesga.es
Linux test14.egi.cesga.es 2.6.32-279.22.1.el6.x86_64 #1 SMP Tue Feb 5 14:33:39 CST 2
013 x86_64 x86_64 x86_64 GNU/Linux

* emi version:
3.0.0-1

```

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: