

Quality Criteria Verification Report

Product	<i>apel.apel.sl5.sl6..x86_64-1.3.1 apel-ssm.sl5.sl6.x86_64-2.1.5</i>	Release	<i>1.3.1 2.1.5</i>
Software Provider	<i>EMI</i>	RT Ticket	<i>#7701 #7702 #7790 #7791</i>
Provider contact	<i>Cristina Aiftimiei <crisrina.aiftimiei@pd.infn.it></i>		
Verifier	<i>Esteban Freire (esfreire@cesga.es)</i>		
Hours worked	<i>6h</i>	Date	<i>28/01/15</i>
Status	Accepted		

Summary

No issues found during verification process.

Apel* packages have been updated on the APEL client and on the apel-client and on the apel-ssm without any issue and they were tested on SL5 and on SL6 OS.

Related tickets

None

Documentation Criteria

Document	
Release notes	https://github.com/apel/apel/blob/1.2.2-1/CHANGELOG
User Documentation	https://twiki.cern.ch/twiki/pub/EMI/EMI3APELClient/APEL_Client_User_Guide.pdf
API Documentation	
Admin Documentation	https://twiki.cern.ch/twiki/pub/EMI/EMI3APELClient/APEL_Publisher_System_Administrator_Guide.pdf
Software License	

Generic Criteria

Criteria	Status¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	
SHA-2 Certificates Support	OK	

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

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

Specific QC

Basic Functionality Test

No issues found during verification process.

apel.apel.sl6.x86_64-1.3.1 + apel-ssm.sl6.x86_64-2.1.5

<https://rt.egi.eu/rt/Ticket/Display.html?id=7791>

<https://rt.egi.eu/rt/Ticket/Display.html?id=7702>

```
{}{}
```

```
[root@test07 yum.repos.d]# cat APEL.apel.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(7702,1726,1657)
```

```
[APEL.apel.sl6.x86_64]
name=APEL.apel.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel.sl6.x86_64/1/3/1/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

```
[root@test07 yum.repos.d]# cat APEL.apel-ssm.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(7791,1763,1692)
```

```
[APEL.apel-ssm.sl6.x86_64]
name=APEL.apel-ssm.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel-ssm.sl6.x86_64/2/1/5/
enabled=1
protect=1
priority=1
```

```

gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
}}}

```

```

yum clean all;yum update
{{{

```

```

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```

Package Repository	Arch Size	Version
=====		
=====		
=====		

```

Installing:
kernel                x86_64                2.6.32-504.3.3.el6
sl-security            29 M
Updating:
apel-client           noarch                1.3.1-1.el6
APEL.apel.sl6.x86_64  17 k
apel-lib              noarch                1.3.1-1.el6
APEL.apel.sl6.x86_64  47 k
apel-ssm              noarch                2.1.5-1.el6
APEL.apel-ssm.sl6.x86_64  21 k
at                    x86_64                3.1.10-44.el6_6.2
sl                    60 k
audit                 x86_64                2.3.7-5.el6
sl                    207 k
audit-libs            x86_64                2.3.7-5.el6
sl                    70 k
authconfig            x86_64                6.1.12-19.el6
sl                    376 k
avahi-libs            x86_64                0.6.25-15.el6
sl                    54 k
bash                  x86_64                4.1.2-29.el6
sl                    906 k
bfa-firmware          noarch                3.2.23.0-2.el6
sl                    3.2 M
binutils              x86_64                2.20.51.0.2-5.42.el6
sl                    2.8 M
ca-certificates       noarch                2014.1.98-65.1.el6
sl                    1.1 M
ca-policy-egi-core    noarch                1.61-1
EGI-trustanchors      5.8 k
ca-policy-lcg         noarch                1.61-1
EGI-trustanchors      2.0 k

```

ca_AAACertificateServices	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_AEGIS	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_ANSPGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_ASGCCA-2007	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_AddTrust-External-CA-Root	noarch	1.61-1
EGI-trustanchors	6.0 k	
ca_ArmeSFo	noarch	1.61-1
EGI-trustanchors	5.0 k	
ca_AustrianGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_BEGrid2008	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_BG-ACAD-CA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_BYGCA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_BalticGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_BrGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_CALG	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_CERN-GridCA	noarch	1.61-1
EGI-trustanchors	6.0 k	
ca_CERN-Root	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_CERN-Root-2	noarch	1.61-1
EGI-trustanchors	5.9 k	
ca_CERN-TCA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_CESNET-CA-3	noarch	1.61-1
EGI-trustanchors	4.8 k	
ca_CESNET-CA-Root	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_CNIC	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_CNRS2	noarch	1.61-1
EGI-trustanchors	5.0 k	
ca_CNRS2-Grid-FR	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_CNRS2-Projets	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_COMODO-RSA-CA	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_CyGrid	noarch	1.61-1
EGI-trustanchors	5.1 k	

ca_DFN-GridGermany-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_DFN-SLCS		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_DZeScience		noarch	1.61-1
EGI-trustanchors	7.1 k		
ca_DigiCertAssuredIDRootCA-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_DigiCertGridCA-1-Classic		noarch	1.61-1
EGI-trustanchors	5.7 k		
ca_DigiCertGridCA-1G2-Classic		noarch	1.61-1
EGI-trustanchors	5.7 k		
ca_DigiCertGridRootCA-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_DigiCertGridTrustCA-Classic		noarch	1.61-1
EGI-trustanchors	6.0 k		
ca_DigiCertGridTrustCAG2-Classic		noarch	1.61-1
EGI-trustanchors	5.8 k		
ca_EG-GRID		noarch	1.61-1
EGI-trustanchors	6.8 k		
ca_FNAL-SLCS		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_GermanGrid		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_GridCanada		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_HIAST		noarch	1.61-1
EGI-trustanchors	6.7 k		
ca_HKU		noarch	1.61-1
EGI-trustanchors	5.0 k		
ca_HPCI		noarch	1.61-1
EGI-trustanchors	5.5 k		
ca_HellasGrid-CA-2006		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_HellasGrid-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_IGCA		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_IHEP-2013		noarch	1.61-1
EGI-trustanchors	5.2 k		
ca_INFN-CA-2006		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_IRAN-GRID		noarch	1.61-1
EGI-trustanchors	5.2 k		
ca_InCommon-IGTF-Server-CA		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_KEK		noarch	1.61-1
EGI-trustanchors	5.5 k		
ca_KISTI-2007		noarch	1.61-1
EGI-trustanchors	5.2 k		

ca_LACGridCA	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_LIPCA	noarch	1.61-1
EGI-trustanchors	5.0 k	
ca_MARGI	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_MD-Grid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_MREN-CA	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_MYIFAM	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_MaGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NAREGI	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_NCHC	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_NCSA-mics	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-slcs	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-slcs-2013	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-tfca-2013	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NECTEC	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_NERSC-SLCS	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_NICS-MyProxy	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NIIF	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_NIKHEF	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_NorduGrid	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_PK-Grid-2007	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_PSC-Myproxy-CA	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_PolishGrid	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_QuoVadis-Grid-ICA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_QuoVadis-Root-CA1	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_RDIG	noarch	1.61-1
EGI-trustanchors	5.6 k	

ca_REUNA-ca	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_RomanianGRID	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_SDG	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_SRCE	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_SiGNET-CA	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_SlovakGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_TERENA-eScience-SSL-CA	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_TERENA-eScience-SSL-CA-2	noarch	1.61-1
EGI-trustanchors	5.6 k	
ca_TERENAEsciencePersonalCA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_TERENAEsciencePersonalCA2	noarch	1.61-1
EGI-trustanchors	5.6 k	
ca_TRGrid	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_UGRID	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_UKeScienceCA-2A	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_UKeScienceCA-2B	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_UKeScienceRoot-2007	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_ULAGrid-CA-2008	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_UNAMgrid-ca	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_UNLPGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_UTN-USERFirst-Hardware	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_UTN-USERTrust-RSA-CA	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_UTNAAAClient	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_UniandesCA	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_cilogon-silver	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_pkIRISGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_policy_igtf-classic	noarch	1.61-1
EGI-trustanchors	6.6 k	

ca_policy_igtf-mics		noarch	1.61-1
EGI-trustanchors	2.9 k		
ca_policy_igtf-slcs		noarch	1.61-1
EGI-trustanchors	2.9 k		
ca_seegrid-ca-2013		noarch	1.61-1
EGI-trustanchors	5.2 k		
coreutils		x86_64	8.4-37.el6
sl	3.0 M		
coreutils-libs		x86_64	8.4-37.el6
sl	49 k		
cpio		x86_64	2.10-12.el6_5
sl	191 k		
cups		x86_64	1:1.4.2-67.el6
sl	2.3 M		
cups-libs		x86_64	1:1.4.2-67.el6
sl	319 k		
cyrus-sasl		x86_64	2.1.23-15.el6
sl	77 k		
cyrus-sasl-lib		x86_64	2.1.23-15.el6
sl	135 k		
dhclient		x86_64	12:4.1.1-43.P1.el6
sl	317 k		
dhcp-common		x86_64	12:4.1.1-43.P1.el6
sl	142 k		
dracut		noarch	004-356.el6
sl	122 k		
dracut-kernel		noarch	004-356.el6
sl	24 k		
e2fsprogs		x86_64	1.41.12-21.el6
sl	553 k		
e2fsprogs-libs		x86_64	1.41.12-21.el6
sl	120 k		
efibootmgr		x86_64	0.5.4-12.el6
sl	37 k		
elfutils-libelf		x86_64	0.158-3.2.el6
sl	181 k		
ethtool		x86_64	2:3.5-5.el6
sl	100 k		
file		x86_64	5.04-21.el6
sl	47 k		
file-libs		x86_64	5.04-21.el6
sl	313 k		
fontconfig		x86_64	2.8.0-5.el6
sl	185 k		
gettext		x86_64	0.17-18.el6
sl	1.8 M		
ghostscript-fonts		noarch	5.50-23.2.el6
sl	589 k		
glib2		x86_64	2.28.8-4.el6
sl	1.7 M		

glibc	i686	2.12-1.149.el6_6.4
sl-security	4.3 M	
glibc	x86_64	2.12-1.149.el6_6.4
sl-security	3.8 M	
glibc-common	x86_64	2.12-1.149.el6_6.4
sl-security	14 M	
glibc-devel	x86_64	2.12-1.149.el6_6.4
sl-security	982 k	
glibc-headers	x86_64	2.12-1.149.el6_6.4
sl-security	610 k	
gnupg2	x86_64	2.0.14-8.el6
sl	1.6 M	
grep	x86_64	2.6.3-6.el6
sl	228 k	
grub	x86_64	1:0.97-93.el6
sl	935 k	
grubby	x86_64	7.0.15-7.el6
sl	42 k	
gtk2	x86_64	2.24.23-6.el6
sl	3.2 M	
gzip	x86_64	1.3.12-22.el6
sl	115 k	
hwdata	noarch	0.233-11.1.el6
sl	1.2 M	
initscripts	x86_64	9.03.46-1.el6
sl	942 k	
iproute	x86_64	2.6.32-32.el6_5
sl	364 k	
iptables	x86_64	1.4.7-14.el6
sl	252 k	
iptables-ipv6	x86_64	1.4.7-14.el6
sl	99 k	
jasper-libs	x86_64	1.900.1-16.el6_6.3
sl-security	136 k	
java-1.6.0-openjdk	x86_64	1:1.6.0.34-
1.13.6.1.el6_6	sl-security	41 M
java-1.6.0-openjdk-devel	x86_64	1:1.6.0.34-
1.13.6.1.el6_6	sl-security	15 M
java-1.7.0-openjdk	x86_64	1:1.7.0.75-
2.5.4.0.el6_6	sl-security	26 M
java-1.7.0-openjdk-devel	x86_64	1:1.7.0.75-
2.5.4.0.el6_6	sl-security	9.3 M
kernel-firmware	noarch	2.6.32-504.3.3.el6
sl-security	14 M	
kernel-headers	x86_64	2.6.32-504.3.3.el6
sl-security	3.3 M	
keyutils-libs	x86_64	1.4-5.el6
sl	19 k	
krb5-libs	x86_64	1.10.3-33.el6
sl	764 k	

lcg-CA		noarch	1.61-1
EGI-trustanchors		2.1 k	
less		x86_64	436-13.el6
sl	107 k		
libX11		x86_64	1.6.0-2.2.el6
sl	585 k		
libX11-common		noarch	1.6.0-2.2.el6
sl	191 k		
libXcursor		x86_64	1.1.14-2.1.el6
sl	27 k		
libXext		x86_64	1.3.2-2.1.el6
sl	34 k		
libXfixes		x86_64	5.0.1-2.1.el6
sl	16 k		
libXfont		x86_64	1.4.5-4.el6_6
sl-security	136 k		
libXi		x86_64	1.7.2-2.2.el6
sl	36 k		
libXinerama		x86_64	1.1.3-2.1.el6
sl	12 k		
libXrandr		x86_64	1.4.1-2.1.el6
sl	22 k		
libXrender		x86_64	0.9.8-2.1.el6
sl	23 k		
libXt		x86_64	1.1.4-6.1.el6
sl	164 k		
libXtst		x86_64	1.2.2-2.1.el6
sl	18 k		
libXv		x86_64	1.0.9-2.1.el6
sl	16 k		
libXxf86vm		x86_64	1.1.3-2.1.el6
sl	15 k		
libblkid		x86_64	2.17.2-12.18.el6
sl	115 k		
libcgroup		x86_64	0.40.rc1-12.el6
sl	127 k		
libcom_err		x86_64	1.41.12-21.el6
sl	36 k		
libdrm		x86_64	2.4.52-4.el6
sl	122 k		
libgcc		x86_64	4.4.7-11.el6
sl	101 k		
libgcj		x86_64	4.4.7-11.el6
sl	18 M		
libgomp		x86_64	4.4.7-11.el6
sl	132 k		
libgudev1		x86_64	147-2.57.el6
sl	61 k		
libpciaccess		x86_64	0.13.3-0.1.el6
sl	23 k		

libselinux		x86_64	2.0.94-5.8.el6
sl	108 k		
libselinux-utils		x86_64	2.0.94-5.8.el6
sl	81 k		
libss		x86_64	1.41.12-21.el6
sl	41 k		
libstdc++		x86_64	4.4.7-11.el6
sl	293 k		
libudev		x86_64	147-2.57.el6
sl	74 k		
libuuid		x86_64	2.17.2-12.18.el6
sl	68 k		
libvisual		x86_64	0.4.0-10.el6
sl	134 k		
libxcb		x86_64	1.9.1-2.el6
sl	109 k		
libxml2		x86_64	2.7.6-17.el6_6.1
sl-security	800 k		
mailx		x86_64	12.4-8.el6_6
sl-security	234 k		
mesa-dri-drivers		x86_64	10.1.2-2.el6
sl	12 M		
mesa-dri-filesystem		x86_64	10.1.2-2.el6
sl	15 k		
mesa-libGL		x86_64	10.1.2-2.el6
sl	115 k		
mesa-libGLU		x86_64	10.1.2-2.el6
sl	196 k		
mesa-private-llvm		x86_64	3.4-3.el6
sl	5.6 M		
module-init-tools		x86_64	3.9-24.el6
sl	464 k		
nss		x86_64	3.16.2.3-3.el6_6
sl-security	833 k		
nss-softokn		x86_64	3.14.3-17.el6
sl	260 k		
nss-softokn-freebl		i686	3.14.3-17.el6
sl	152 k		
nss-softokn-freebl		x86_64	3.14.3-17.el6
sl	162 k		
nss-sysinit		x86_64	3.16.2.3-3.el6_6
sl-security	43 k		
nss-tools		x86_64	3.16.2.3-3.el6_6
sl-security	426 k		
nss-util		x86_64	3.16.2.3-2.el6_6
sl-security	65 k		
ntp		x86_64	4.2.6p5-2.el6_6
sl-security	592 k		
ntpdate		x86_64	4.2.6p5-2.el6_6
sl-security	74 k		

openldap		x86_64	2.4.39-8.el6
sl	279 k		
openssh		x86_64	5.3p1-104.el6
sl	271 k		
openssh-clients		x86_64	5.3p1-104.el6
sl	435 k		
openssh-server		x86_64	5.3p1-104.el6
sl	320 k		
openssl		x86_64	1.0.1e-30.el6_6.5
sl-security	1.5 M		
p11-kit		x86_64	0.18.5-2.el6_5.2
sl	93 k		
p11-kit-trust		x86_64	0.18.5-2.el6_5.2
sl	70 k		
pam		x86_64	1.1.1-20.el6
sl	659 k		
pango		x86_64	1.28.1-10.el6
sl	350 k		
pciutils-libs		x86_64	3.1.10-4.el6
sl	33 k		
phonon-backend-gstreamer		x86_64	1:4.6.2-
28.el6_5	sl		126 k
pixman		x86_64	0.32.4-4.el6
sl	242 k		
plymouth		x86_64	0.8.3-27.sl6.1
sl	89 k		
plymouth-core-libs		x86_64	0.8.3-27.sl6.1
sl	87 k		
plymouth-scripts		x86_64	0.8.3-27.sl6.1
sl	30 k		
policycoreutils		x86_64	2.0.83-19.47.el6
sl	649 k		
postfix		x86_64	2:2.6.6-6.el6_5
sl	2.0 M		
procps		x86_64	3.2.8-30.el6
sl	213 k		
psmisc		x86_64	22.6-19.el6_5
sl	80 k		
pulseaudio-libs		x86_64	0.9.21-17.el6
sl	461 k		
python		x86_64	2.6.6-52.el6
sl	73 k		
python-libs		x86_64	2.6.6-52.el6
sl	5.3 M		
ql2400-firmware		noarch	7.03.00-1.el6_5
sl	93 k		
ql2500-firmware		noarch	7.03.00-1.el6_5
sl	117 k		
qt		x86_64	1:4.6.2-28.el6_5
sl	3.9 M		

qt-sqlite	x86_64	1:4.6.2-28.el6_5
sl	50 k	
qt-x11	x86_64	1:4.6.2-28.el6_5
sl	12 M	
rpm	x86_64	4.8.0-38.el6_6
sl-security	901 k	
rpm-libs	x86_64	4.8.0-38.el6_6
sl-security	312 k	
rpm-python	x86_64	4.8.0-38.el6_6
sl-security	56 k	
rsyslog	x86_64	5.8.10-9.el6_6
sl-security	648 k	
ruby	x86_64	1.8.7.374-3.el6_6
sl-security	537 k	
ruby-libs	x86_64	1.8.7.374-3.el6_6
sl-security	1.7 M	
selinux-policy	noarch	3.7.19-260.el6
sl	862 k	
selinux-policy-targeted	noarch	3.7.19-260.el6
sl	3.0 M	
shadow-utils	x86_64	2:4.1.4.2-19.el6
sl	898 k	
shared-mime-info	x86_64	0.70-6.el6
sl	208 k	
sl-release	x86_64	6.6-1
sl	35 k	
sudo	x86_64	1.8.6p3-15.el6
sl	704 k	
system-config-firewall-base	noarch	1.2.27-7.1.el6
sl	431 k	
tzdata	noarch	2014h-1.el6
sl	448 k	
tzdata-java	noarch	2014h-1.el6
sl	175 k	
udev	x86_64	147-2.57.el6
sl	348 k	
upstart	x86_64	0.6.5-13.el6_5.3
sl	176 k	
util-linux-ng	x86_64	2.17.2-12.18.el6
sl	1.6 M	
wget	x86_64	1.12-5.el6_6.1
sl-security	482 k	
xfsdump	x86_64	3.0.4-4.el6
sl	250 k	
xfspgrog	x86_64	3.1.1-16.el6
sl	724 k	
xml-common	noarch	0.6.3-33.el6
sl	17 k	
xorg-x11-drv-ati-firmware	noarch	7.3.99-2.el6
sl	902 k	

xz		x86_64	4.999.9-
0.5.beta.20091007git.el6		sl	136 k
xz-libs		x86_64	4.999.9-
0.5.beta.20091007git.el6		sl	88 k
xz-lzma-compat		x86_64	4.999.9-
0.5.beta.20091007git.el6		sl	15 k
yum		noarch	3.2.29-60.el6
sl	1.0 M		
yum-plugin-priorities		noarch	1.1.30-30.el6
sl	24 k		
yum-plugin-security		noarch	1.1.30-30.el6
sl	40 k		
Removing:			
kernel		x86_64	2.6.32-358.14.1.el6
@sl-security/6.3	116 M		
Installing for dependencies:			
ca_TSU-GE		noarch	1.61-1
EGI-trustanchors	5.7 k		
gdk-pixbuf2		x86_64	2.24.1-5.el6
sl	500 k		

Transaction Summary

```

=====
=====
=====
=====
}}}

```

```
diff /etc/apel/client.cfg /root/client.cfg
diff /etc/apel/sender.cfg /root/sender.cfg
```

* Apel publisher client configuration

```

{{{
[root@test07 ~]# cat /etc/apel/client.cfg
# Information about the apel client database
[db]
hostname = localhost
port = 3306
name = apelclient
username = apel
password = umdtestapel

```

```

[spec_updater]
enabled = true
# The GOCDB site name
site_name = UMD-VERIFICATION
ldap_host = sbdii02.ncg.ingrid.pt
ldap_port = 2170

```

```
## The following information is necessary for
## local jobs only. Provide an average value for
## machines which your batch system uses.
## Supported specs are HEPSPEC and Si2k
## Provide also a hostname for your batch system.
## This does not need to be a definitive hostname,
## but it should uniquely identify the batch system.
## Example: pbs.gridpp.rl.ac.uk
#lrms_server =
#spec_type = HEPSPEC
#spec_value = 1.0

[joiner]
enabled = true
local_jobs = false

[unloader]
enabled = true
dir_location = /var/spool/apel/

# You may send only summaries of your data to the APEL server,
# rather than individual job records.
# This reduces the network load.
send_summaries = false

# You may send 'withheld' instead of the user's DN in the
# GlobalUserName field. This is only valid for individual
# job records.
withhold_dns = false

# Optional: send ONLY these VOs to the APEL server.
# This overrides exclude_vos.
#include_vos = atlas,cms,lhcb

# Optional: do not send these VOs to the APEL server.
# This does not take effect if include_vos is set.
#exclude_vos = atlas,cms

# Which records to send:
# latest - just send the new records to the server
# gap - send records from between the specified dates (inclusive)
#       this is only for individual job records
# all - send all records to the server. Don't do this for individual
#       job records without talking to the apel team!
interval = latest
## only used if interval = gap
#gap_start = 2012-01-01
#gap_end = 2012-01-31

# Send CAR-format records - only for job records
```

send_ur = false

[ssm]
enabled = true

[logging]
logfile = /var/log/apel/client.log
level = INFO
console = true
}}}

* SSM Configuration

{
{
{
[root@test07 ~]# cat /etc/apel/sender.cfg

Required: broker configuration options
#

[broker]

The SSM will query a BDII to find brokers available. These details are for the
EGI production broker network
bdii: ldap://lcg-bdii.cern.ch:2170
network: PROD

OR (these details will only be used if the broker network settings aren't used)
#host: test-msg01.afroditi.hellasgrid.gr
#port: 6163

broker authentication. If use_ssl is set, the certificates configured
in the mandatory [certificates] section will be used.
#use_ssl: true
use_ssl: false

Required: Certificate configuration

[certificates]

certificate: /etc/grid-security/hostcert.pem
key: /etc/grid-security/hostkey.pem
capath: /etc/grid-security/certificates
If this is supplied, outgoing messages will be encrypted
using this certificate
#server_cert: /etc/grid-security/servercert.pem

#####

Messaging configuration.

#

[messaging]

Queue to which SSM will send messages

destination: global.accounting.test.cpu.central

Outgoing messages will be read and removed from this directory.

path: /var/spool/apel/outgoing

[logging]

logfile: /var/log/apel/ssmsend.log

Available logging levels:

DEBUG, INFO, WARN, ERROR, CRITICAL

level: CRITICAL

console: true

[root@test07 ~]#

}}}

* Running apelclient (OK)

{{{

[root@test07 ~]# /usr/bin/apelclient

2015-01-28 11:13:42,895 - client - INFO - Starting apel client version 1.3.1

2015-01-28 11:13:42,908 - client - INFO - Connecting to the database ...

2015-01-28 11:13:43,125 - apel.db.backends.mysql - INFO - Connected to localhost:3306

2015-01-28 11:13:43,126 - apel.db.backends.mysql - INFO - Database: apelclient; username: apel

2015-01-28 11:13:43,126 - client - INFO - Connected.

2015-01-28 11:13:43,126 - client - INFO - =====

2015-01-28 11:13:43,126 - client - INFO - Starting spec updater.

2015-01-28 11:13:43,427 - client - INFO - Spec updater finished.

2015-01-28 11:13:43,427 - client - INFO - =====

2015-01-28 11:13:43,427 - client - INFO - =====

2015-01-28 11:13:43,427 - client - INFO - Starting joiner.

2015-01-28 11:13:43,427 - apel.db.backends.mysql - INFO - Creating JobRecords

2015-01-28 11:13:44,983 - apel.db.backends.mysql - INFO - Done.

2015-01-28 11:13:44,984 - client - INFO - Joining complete.

2015-01-28 11:13:44,984 - client - INFO - =====

2015-01-28 11:13:44,984 - client - INFO - =====

2015-01-28 11:13:44,984 - client - INFO - Starting summariser.

2015-01-28 11:13:44,984 - apel.db.backends.mysql - INFO - Summarising job records...

2015-01-28 11:13:45,168 - apel.db.backends.mysql - INFO - Done.

2015-01-28 11:13:45,168 - client - INFO - Summarising complete.

2015-01-28 11:13:45,168 - client - INFO - =====

2015-01-28 11:13:45,169 - client - INFO - =====

2015-01-28 11:13:45,169 - client - INFO - Starting unloader.

2015-01-28 11:13:45,169 - client - INFO - Will unload from VJobRecords.

2015-01-28 11:13:45,190 - apel.db.unloader - INFO - Getting records updated since:

2015-01-28 05:15:04

```

2015-01-28 11:13:45,333 - apel.db.backends.mysql - INFO - Updating timestamp.
2015-01-28 11:13:45,334 - client - INFO - Unloaded 0 records in 0 messages.
2015-01-28 11:13:45,334 - apel.db.unloader - INFO - Writing sync messages.
2015-01-28 11:13:45,364 - client - INFO - Unloaded 29 sync records in 1 messages.
2015-01-28 11:13:45,364 - client - INFO - Unloading complete.
2015-01-28 11:13:45,365 - client - INFO - =====
2015-01-28 11:13:45,365 - client - INFO - =====
2015-01-28 11:13:45,365 - client - INFO - Starting SSM.
2015-01-28 11:13:45,662 - client - INFO - Found 2 brokers.
2015-01-28 11:13:45,662 - client - INFO - No server certificate supplied. Will not
encrypt messages.
2015-01-28 11:13:45,787 - stomp.py - INFO - Established connection to host mq.cro-
ngi.hr, port 6163
2015-01-28 11:13:45,867 - ssm.ssm2 - INFO - Will send messages to:
global.accounting.test.cpu.central
2015-01-28 11:13:45,867 - ssm.ssm2 - INFO - Connected.
2015-01-28 11:13:45,896 - ssm.ssm2 - INFO - Found 1 messages.
2015-01-28 11:13:45,896 - ssm.ssm2 - INFO - Sending message:
54c8b62c/54c8b659590793
2015-01-28 11:13:45,918 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 11:13:45,996 - ssm.ssm2 - INFO - Broker received message:
54c8b62c/54c8b659590793
2015-01-28 11:13:46,019 - ssm.ssm2 - INFO - Tidying message directory.
2015-01-28 11:13:46,020 - ssm.ssm2 - INFO - SSM connection ended.
2015-01-28 11:13:46,020 - client - INFO - SSM run has finished.
2015-01-28 11:13:46,020 - client - INFO - Sending SSM has shut down.
2015-01-28 11:13:46,020 - client - INFO - SSM stopped.
2015-01-28 11:13:46,021 - client - INFO - =====
2015-01-28 11:13:46,021 - client - INFO - Client finished
}}}
```

* World writable files

* An easy way to find world-writable files is using the find command:

```

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

* For finding world-writable files in the packages contents:

```

{{{
[root@test07 etc]# rpm -qalv | egrep "^[-d]([-r][-w][-xs]){2}[-r]w"
drwxrwxrwt 2 root root
0 Jul 20 2011 /tmp
drwxrwxrwt 2 root root
0 Jul 20 2011 /var/tmp
}}}
```

apel.apel.sl5.x86_64-1.3.1 + apel-ssm.sl5.x86_64-2.1.5

<https://rt.egi.eu/rt/Ticket/Display.html?id=7790>

<https://rt.egi.eu/rt/Ticket/Display.html?id=7701>

```
{}{
```

```
[root@test07 yum.repos.d]# cat APEL.apel.sl5.x86_64.repo
```

```
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(7701,1725,1656)
```

```
[APEL.apel.sl5.x86_64]
```

```
name=APEL.apel.sl5.x86_64
```

```
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel.sl5.x86_64/1/3/1/
```

```
enabled=1
```

```
protect=1
```

```
priority=1
```

```
gpgcheck=1
```

```
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

```
[root@test07 yum.repos.d]# cat APEL.apel-ssm.sl5.x86_64.repo
```

```
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(7790,1762,1691)
```

```
[APEL.apel-ssm.sl5.x86_64]
```

```
name=APEL.apel-ssm.sl5.x86_64
```

```
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel-ssm.sl5.x86_64/2/1/5/
```

```
enabled=1
```

```
protect=1
```

```
priority=1
```

```
gpgcheck=1
```

```
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

```
}}}
```

```
* yum clean all;yum update
```

```
{}{
```

```
=====
```

Package	Arch	Version
Repository	Size	

```
=====
```

```
Installing:
```

```
kernel
```

```
x86_64
```

```
2.6.18-400.1.1.el5
```

```
sl-security
```

```
22 M
```

```
Updating:
```

apel-client	noarch	1.3.1-1.el5
APEL.apel.sl5.x86_64	17 k	
apel-lib	noarch	1.3.1-1.el5
APEL.apel.sl5.x86_64	48 k	
apel-ssm	noarch	2.1.5-1.el5
APEL.apel-ssm.sl5.x86_64	22 k	
autofs	x86_64	1:5.0.1-
0.rc2.184.el5	sl-base	920 k
bind-libs	x86_64	30:9.3.6-
25.P1.el5_11.2	sl-security	899 k
bind-utils	x86_64	30:9.3.6-
25.P1.el5_11.2	sl-security	180 k
ca-policy-egi-core	noarch	1.61-1
EGI-trustanchors	5.8 k	
ca_AAACertificateServices	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_AEGIS	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_ANSPGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_ASGCCA-2007	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_AddTrust-External-CA-Root	noarch	1.61-1
EGI-trustanchors	6.0 k	
ca_ArmeSFo	noarch	1.61-1
EGI-trustanchors	5.0 k	
ca_AustrianGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_BEGrid2008	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_BG-ACAD-CA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_BYGCA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_BalticGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_BrGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_CALG	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_CERN-GridCA	noarch	1.61-1
EGI-trustanchors	6.0 k	
ca_CERN-Root	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_CERN-Root-2	noarch	1.61-1
EGI-trustanchors	5.9 k	
ca_CERN-TCA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_CESNET-CA-3	noarch	1.61-1
EGI-trustanchors	4.8 k	

ca_CESNET-CA-Root		noarch	1.61-1
EGI-trustanchors	5.2 k		
ca_CNIC		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_CNRS2		noarch	1.61-1
EGI-trustanchors	5.0 k		
ca_CNRS2-Grid-FR		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_CNRS2-Projets		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_COMODO-RSA-CA		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_CyGrid		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_DFN-GridGermany-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_DFN-SLCS		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_DZeScience		noarch	1.61-1
EGI-trustanchors	7.1 k		
ca_DigiCertAssuredIDRootCA-Root		noarch	1.61-
1			
EGI-trustanchors	5.4 k		
ca_DigiCertGridCA-1-Classic		noarch	1.61-1
EGI-trustanchors	5.7 k		
ca_DigiCertGridCA-1G2-Classic		noarch	1.61-1
EGI-trustanchors	5.7 k		
ca_DigiCertGridRootCA-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		
ca_DigiCertGridTrustCA-Classic		noarch	1.61-1
EGI-trustanchors	6.0 k		
ca_DigiCertGridTrustCAG2-Classic		noarch	1.61-1
EGI-trustanchors	5.8 k		
ca_EG-GRID		noarch	1.61-1
EGI-trustanchors	6.8 k		
ca_FNAL-SLCS		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_GermanGrid		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_GridCanada		noarch	1.61-1
EGI-trustanchors	5.3 k		
ca_HIAST		noarch	1.61-1
EGI-trustanchors	6.7 k		
ca_HKU		noarch	1.61-1
EGI-trustanchors	5.0 k		
ca_HPCI		noarch	1.61-1
EGI-trustanchors	5.5 k		
ca_HellasGrid-CA-2006		noarch	1.61-1
EGI-trustanchors	5.1 k		
ca_HellasGrid-Root		noarch	1.61-1
EGI-trustanchors	5.4 k		

ca_IGCA	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_IHEP-2013	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_INFN-CA-2006	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_IRAN-GRID	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_InCommon-IGTF-Server-CA	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_KEK	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_KISTI-2007	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_LACGridCA	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_LIPCA	noarch	1.61-1
EGI-trustanchors	5.0 k	
ca_MARGI	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_MD-Grid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_MREN-CA	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_MYIFAM	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_MaGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NAREGI	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_NCHC	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_NCSA-mics	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-slcs	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-slcs-2013	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NCSA-tfca-2013	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NECTEC	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_NERSC-SLCS	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_NICS-MyProxy	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_NIIF	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_NIKHEF	noarch	1.61-1
EGI-trustanchors	5.4 k	

ca_NorduGrid	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_PK-Grid-2007	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_PSC-Myproxy-CA	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_PolishGrid	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_QuoVadis-Grid-ICA	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_QuoVadis-Root-CA1	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_RDIG	noarch	1.61-1
EGI-trustanchors	5.6 k	
ca_REUNA-ca	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_RomanianGRID	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_SDG	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_SRCE	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_SiGNET-CA	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_SlovakGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_TERENA-eScience-SSL-CA	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_TERENAEsciencePersonalCA	noarch	1.61-
1	EGI-trustanchors	5.2 k
ca_TRGrid	noarch	1.61-1
EGI-trustanchors	5.2 k	
ca_UGRID	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_UKeScienceCA-2A	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_UKeScienceCA-2B	noarch	1.61-1
EGI-trustanchors	4.9 k	
ca_UKeScienceRoot-2007	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_ULAGrid-CA-2008	noarch	1.61-1
EGI-trustanchors	5.4 k	
ca_UNAMgrid-ca	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_UNLPGrid	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_UTN-USERFirst-Hardware	noarch	1.61-1
EGI-trustanchors	5.7 k	
ca_UTNAAAClient	noarch	1.61-1
EGI-trustanchors	5.1 k	

ca_UniandesCA	noarch	1.61-1
EGI-trustanchors	5.3 k	
ca_cilogon-silver	noarch	1.61-1
EGI-trustanchors	5.1 k	
ca_pkIRISGrid	noarch	1.61-1
EGI-trustanchors	5.5 k	
ca_policy_igtft-classic	noarch	1.61-1
EGI-trustanchors	6.6 k	
ca_policy_igtft-mics	noarch	1.61-1
EGI-trustanchors	2.9 k	
ca_policy_igtft-slcs	noarch	1.61-1
EGI-trustanchors	2.9 k	
ca_seegrid-ca-2013	noarch	1.61-1
EGI-trustanchors	5.2 k	
coolkey	i386	1.1.0-17.el5
sl-base	106 k	
coolkey	x86_64	1.1.0-17.el5
sl-base	108 k	
cpuspeed	x86_64	1:1.2.1-11.el5_10
sl-base	33 k	
device-mapper-multipath	x86_64	0.4.7-63.el5
sl-base	3.0 M	
dmidecode	x86_64	1:2.12-1.el5
sl-base	79 k	
e2fsprogs	x86_64	1.39-37.el5
sl-base	845 k	
e2fsprogs-libs	i386	1.39-37.el5
sl-base	120 k	
e2fsprogs-libs	x86_64	1.39-37.el5
sl-base	120 k	
glibc	i686	2.5-123.el5_11.1
sl-security	5.4 M	
glibc	x86_64	2.5-123.el5_11.1
sl-security	4.8 M	
glibc-common	x86_64	2.5-
123.el5_11.1	sl-security	16 M
grub	x86_64	0.97-13.11.el5_10.1
sl-base	885 k	
hwdata	noarch	0.213.30-1.el5
sl-base	477 k	
initscripts	x86_64	8.45.45-1.el5
sl-base	1.6 M	
kpartx	x86_64	0.4.7-63.el5
sl-base	446 k	
ksh	x86_64	20100621-20.el5
sl-base	1.3 M	
libgcc	i386	4.1.2-55.el5
sl-base	97 k	
libgcc	x86_64	4.1.2-55.el5
sl-base	100 k	

libgcj	i386	4.1.2-55.el5
sl-base	16 M	
libgcj	x86_64	4.1.2-55.el5
sl-base	18 M	
libstdc++	i386	4.1.2-55.el5
sl-base	364 k	
libstdc++	x86_64	4.1.2-55.el5
sl-base	354 k	
libvolume_id	i386	095-14.32.el5
sl-base	45 k	
libvolume_id	x86_64	095-14.32.el5
sl-base	43 k	
libxml2	x86_64	2.6.26-
2.1.25.el5_11	sl-security	811 k
libxml2-python	x86_64	2.6.26-
2.1.25.el5_11	sl-security	715 k
lvm2	x86_64	2.02.88-13.el5
sl-base	3.3 M	
microcode_ctl	x86_64	2:1.17-7.el5
sl-base	775 k	
mkinitrd	i386	5.1.19.6-82.el5
sl-base	482 k	
mkinitrd	x86_64	5.1.19.6-82.el5
sl-base	471 k	
nash	x86_64	5.1.19.6-82.el5
sl-base	1.1 M	
net-tools	x86_64	1.60-83.el5_10
sl-base	368 k	
nfs-utils	x86_64	1:1.0.9-71.el5
sl-base	410 k	
nscd	x86_64	2.5-123.el5_11.1
sl-security	178 k	
nss	i386	3.16.2.3-1.el5_11
sl-security	1.2 M	
nss	x86_64	3.16.2.3-1.el5_11
sl-security	1.3 M	
nss-tools	x86_64	3.16.2.3-1.el5_11
sl-security	762 k	
ntp	x86_64	4.2.2p1-18.el5_11
sl-security	1.3 M	
openldap	i386	2.3.43-28.el5_10
sl-base	298 k	
openldap	x86_64	2.3.43-28.el5_10
sl-base	306 k	
perl	x86_64	4:5.8.8-42.el5
sl-base	12 M	
popt	x86_64	1.10.2.3-36.el5_11
sl-security	79 k	
rpm	x86_64	4.4.2.3-36.el5_11
sl-security	1.2 M	


```
[root@test07 yum.repos.d]# cat /etc/apel/client.cfg
# Information about the apel client database
[db]
hostname = localhost
port = 3306
name = apelclient
username = apel
password = umdtestapel

[spec_updater]
enabled = true
# The GOCDB site name
site_name = UMD-VERIFICATION
ldap_host = sbdii02.ncg.ingrid.pt
ldap_port = 2170

## The following information is necessary for
## local jobs only. Provide an average value for
## machines which your batch system uses.
## Supported specs are HEPSPEC and Si2k
## Provide also a hostname for your batch system.
## This does not need to be a definitive hostname,
## but it should uniquely identify the batch system.
## Example: pbs.gridpp.rl.ac.uk
#lrms_server =
#spec_type = HEPSPEC
#spec_value = 1.0

[joiner]
enabled = true
local_jobs = false

[unloader]
enabled = true
dir_location = /var/spool/apel/

# You may send only summaries of your data to the APEL server,
# rather than individual job records.
# This reduces the network load.
send_summaries = false

# You may send 'withheld' instead of the user's DN in the
# GlobalUserName field. This is only valid for individual
# job records.
withhold_dns = false

# Optional: send ONLY these VOs to the APEL server.
# This overrides exclude_vos.
```

```

#include_vos = atlas,cms,lhcb

# Optional: do not send these VOs to the APEL server.
# This does not take effect if include_vos is set.
#exclude_vos = atlas,cms

# Which records to send:
# latest - just send the new records to the server
# gap - send records from between the specified dates (inclusive)
# this is only for individual job records
# all - send all records to the server. Don't do this for individual
# job records without talking to the apel team!
interval = latest
## only used if interval = gap
#gap_start = 2012-01-01
#gap_end = 2012-01-31

# Send CAR-format records - only for job records
send_ur = false

[ssm]
enabled = true

[logging]
logfile = /var/log/apel/client.log
level = INFO
console = true
[root@test07 yum.repos.d]#

}}

* SSM Configuration
{{{
[root@test07 yum.repos.d]# cat /etc/apel/sender.cfg
#####
#####
# Required: broker configuration options
#

[broker]

# The SSM will query a BDII to find brokers available. These details are for the
# EGI production broker network
bdii: ldap://lcg-bdii.cern.ch:2170
network: PROD

# OR (these details will only be used if the broker network settings aren't used)
host: test-msg01.afroditi.hellasgrid.gr
port: 6163

```

```
# broker authentication. If use_ssl is set, the certificates configured
# in the mandatory [certificates] section will be used.
use_ssl: false
```

```
#####
#####
# Required: Certificate configuration
```

```
[certificates]
certificate: /etc/grid-security/hostcert.pem
key: /etc/grid-security/hostkey.pem
capath: /etc/grid-security/certificates
# If this is supplied, outgoing messages will be encrypted
# using this certificate
#server_cert: /etc/grid-security/hostcert.pem
```

```
#####
#####
# Messaging configuration.
#
```

```
[messaging]

# Queue to which SSM will send messages
destination: /queue/global.accounting.test.cpu.central
```

```
# Outgoing messages will be read and removed from this directory.
path: /var/spool/apel/outgoing
```

```
[logging]
logfile: /var/log/apel/ssmsend.log
# Available logging levels:
# DEBUG, INFO, WARN, ERROR, CRITICAL
level: INFO
console: true
}}}
```

```
* Running apelclient (OK)
{{{
[root@test07 yum.repos.d]# date
Wed Jan 28 12:33:31 CET 2015
[root@test07 yum.repos.d]# /usr/bin/apelclient
2015-01-28 12:33:39,243 - client - INFO - Starting apel client version 1.3.1
2015-01-28 12:33:39,261 - client - INFO - Connecting to the database ...
2015-01-28 12:33:39,551 - apel.db.backends.mysql - INFO - Connected to
localhost:3306
2015-01-28 12:33:39,552 - apel.db.backends.mysql - INFO - Database: apelclient;
username: apel
2015-01-28 12:33:39,552 - client - INFO - Connected.
2015-01-28 12:33:39,553 - client - INFO - =====
```

2015-01-28 12:33:39,553 - client - INFO - Starting spec updater.
2015-01-28 12:33:39,964 - client - INFO - Spec updater finished.
2015-01-28 12:33:39,964 - client - INFO - =====
2015-01-28 12:33:39,965 - client - INFO - =====
2015-01-28 12:33:39,965 - client - INFO - Starting joiner.
2015-01-28 12:33:39,966 - apel.db.backends.mysql - INFO - Creating JobRecords
2015-01-28 12:33:42,732 - apel.db.backends.mysql - INFO - Done.
2015-01-28 12:33:42,733 - client - INFO - Joining complete.
2015-01-28 12:33:42,733 - client - INFO - =====
2015-01-28 12:33:42,733 - client - INFO - =====
2015-01-28 12:33:42,733 - client - INFO - Starting summariser.
2015-01-28 12:33:42,734 - apel.db.backends.mysql - INFO - Summarising job records...
2015-01-28 12:33:42,843 - apel.db.backends.mysql - INFO - Done.
2015-01-28 12:33:42,844 - client - INFO - Summarising complete.
2015-01-28 12:33:42,844 - client - INFO - =====
2015-01-28 12:33:42,844 - client - INFO - =====
2015-01-28 12:33:42,844 - client - INFO - Starting unloader.
2015-01-28 12:33:42,845 - client - INFO - Will unload from VJobRecords.
2015-01-28 12:33:42,871 - apel.db.unloader - INFO - Getting records updated since: 2014-10-17 14:05:36
2015-01-28 12:33:50,386 - apel.db.backends.mysql - INFO - Updating timestamp.
2015-01-28 12:33:50,387 - client - INFO - Unloaded 16780 records in 17 messages.
2015-01-28 12:33:50,388 - apel.db.unloader - INFO - Writing sync messages.
2015-01-28 12:33:50,392 - client - INFO - Unloaded 18 sync records in 1 messages.
2015-01-28 12:33:50,393 - client - INFO - Unloading complete.
2015-01-28 12:33:50,393 - client - INFO - =====
2015-01-28 12:33:50,394 - client - INFO - =====
2015-01-28 12:33:50,394 - client - INFO - Starting SSM.
2015-01-28 12:33:50,937 - client - INFO - Found 2 brokers.
2015-01-28 12:33:50,937 - client - INFO - No server certificate supplied. Will not encrypt messages.
2015-01-28 12:33:51,131 - stomp.py - INFO - Established connection to host mq.cro-
ngi.hr, port 6163
2015-01-28 12:33:51,134 - ssm.ssm2 - INFO - Will send messages to:
/queue/global.accounting.test.cpu.central
2015-01-28 12:33:51,200 - ssm.ssm2 - INFO - Connected.
2015-01-28 12:33:51,238 - ssm.ssm2 - INFO - Found 18 messages.
2015-01-28 12:33:51,239 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c9175cddb1
2015-01-28 12:33:52,511 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:52,765 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c9175cddb1
2015-01-28 12:33:52,812 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c917c724c1
2015-01-28 12:33:53,370 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:53,689 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c917c724c1
2015-01-28 12:33:53,770 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c9183f73d1

2015-01-28 12:33:54,265 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:54,521 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c9183f73d1
2015-01-28 12:33:54,566 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c918aa28d1
2015-01-28 12:33:55,126 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:55,392 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c918aa28d1
2015-01-28 12:33:55,427 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c919200b51
2015-01-28 12:33:55,993 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:56,311 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c919200b51
2015-01-28 12:33:56,394 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c9199177e1
2015-01-28 12:33:56,951 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:57,267 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c9199177e1
2015-01-28 12:33:57,352 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91a06ccb1
2015-01-28 12:33:57,910 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:58,166 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91a06ccb1
2015-01-28 12:33:58,212 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91a71d721
2015-01-28 12:33:58,780 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:33:59,100 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91a71d721
2015-01-28 12:33:59,181 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91adcf171
2015-01-28 12:33:59,809 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:00,068 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91adcf171
2015-01-28 12:34:00,110 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91b55b8f1
2015-01-28 12:34:00,666 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:00,989 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91b55b8f1
2015-01-28 12:34:01,067 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91bc283f1
2015-01-28 12:34:01,624 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:01,945 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91bc283f1
2015-01-28 12:34:02,025 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91c3a1bc1
2015-01-28 12:34:02,582 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:02,901 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91c3a1bc1
2015-01-28 12:34:02,983 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91cad0461

```

2015-01-28 12:34:03,541 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:03,860 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91cad0461
2015-01-28 12:34:03,943 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91d246fd1
2015-01-28 12:34:04,501 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:04,821 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91d246fd1
2015-01-28 12:34:04,902 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91d91a3c1
2015-01-28 12:34:05,522 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:05,776 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91d91a3c1
2015-01-28 12:34:05,824 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91e08e4a1
2015-01-28 12:34:06,391 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:06,647 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91e08e4a1
2015-01-28 12:34:06,692 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91e5d8091
2015-01-28 12:34:07,120 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:07,376 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91e5d8091
2015-01-28 12:34:07,423 - ssm.ssm2 - INFO - Sending message:
54c8c8ec/54c8c91e5fd791
2015-01-28 12:34:07,435 - ssm.ssm2 - INFO - Waiting for broker to accept message.
2015-01-28 12:34:07,499 - ssm.ssm2 - INFO - Broker received message:
54c8c8ec/54c8c91e5fd791
2015-01-28 12:34:07,534 - ssm.ssm2 - INFO - Tidying message directory.
2015-01-28 12:34:07,535 - ssm.ssm2 - INFO - SSM connection ended.
2015-01-28 12:34:07,535 - client - INFO - SSM run has finished.
2015-01-28 12:34:07,536 - client - INFO - Sending SSM has shut down.
2015-01-28 12:34:07,536 - client - INFO - SSM stopped.
2015-01-28 12:34:07,536 - client - INFO - =====
2015-01-28 12:34:07,536 - client - INFO - Client finished
}}}}

```

* World writable files

* An easy way to find world-writable files is using the find command:

```

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

* For finding world-writable files in the packages contents:

```

{{{
[root@test07 etc]# rpm -qalv | egrep "^[^-d]([-r][-w][-xs]){2}[-r]w"
drwxrwxrwt 2 root root
0 Jul 20 2011 /tmp
drwxrwxrwt 2 root root
0 Jul 20 2011 /var/tmp

```

```
}}}
```

```
apel.apel.sl6.x86_64-1.3.1 + apel-ssm.sl6.x86_64-2.1.5
```

```
https://rt.egi.eu/rt/Ticket/Display.html?id=7791
```

```
https://rt.egi.eu/rt/Ticket/Display.html?id=7702
```

```
{}}
```

```
[root@test07 yum.repos.d]# cat APEL.apel.sl6.x86_64.repo
```

```
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(7702,1726,1657)
```

```
[APEL.apel.sl6.x86_64]
```

```
name=APEL.apel.sl6.x86_64
```

```
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel.sl6.x86_64/1/3/1/
```

```
enabled=1
```

```
protect=1
```

```
priority=1
```

```
gpgcheck=1
```

```
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

```
}}
```

```
* yum clean all;yum update
```

```
{}}
```

```
=====
```

Package	Arch	Version
Repository	Size	

```
=====
```

```
Updating:
```

apel-lib	noarch	1.3.1-1.el6
APEL.apel.sl6.x86_64	47 k	
apel-parsers	noarch	1.3.1-1.el6
APEL.apel.sl6.x86_64	13 k	
glibc	x86_64	2.12-1.149.el6_6.5
sl-security	3.8 M	
glibc-common	x86_64	2.12-1.149.el6_6.5
sl-security	14 M	
glibc-devel	x86_64	2.12-1.149.el6_6.5
sl-security	982 k	

glibc-headers	x86_64	2.12-1.149.el6_6.5
sl-security	611 k	
jasper-libs	x86_64	1.900.1-16.el6_6.3
sl-security	136 k	
java-1.6.0-openjdk	x86_64	1:1.6.0.34-
1.13.6.1.el6_6	sl-security	41 M
openssl	x86_64	1.0.1e-30.el6_6.5
sl-security	1.5 M	

Transaction Summary

```
=====
=====
=====
=====
```

```
}}}
```

* Configuring with yaim

```
{
{
[root@test06 ~]# cat /opt/glite/yaim/functions/local/config_apel
config_apel_pbs () {
yaimlog INFO "DISABLED APEL parser-config through YAIM"
return 0
}
}}
```

* Running Yaim Configuration

```
{
{
/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n MPI_CE -n creamCE
-n TORQUE_server -n TORQUE_utils
}}
```

* /etc/apel/parser.cfg file content

```
{
{
[root@test06 etc]# cat /etc/apel/parser.cfg
# Information about the apel client database
[db]
hostname = test07.egi.cesga.es
port = 3306
name = apelclient
username = apel
password = umdtestapel
```

[site_info]

```
# Specify the site name from GOCDB
##site_name = CESGA
site_name = UMD-VERIFICATION
```

```
# Batch system hostname. This does not need to be a definitive hostname,
# but it should uniquely identify the batch system.
# Example: pbs.gridpp.rl.ac.uk
```

```
lrms_server = test06.egi.cesga.es
```

```
[blah]
```

```
enabled = true  
dir = /var/log/cream/accounting  
# typical logfile name is blahp.log-yyyymmdd  
filename_prefix = blahp.log  
subdirs = false
```

```
[batch]
```

```
enabled = true
```

```
# Reparse all batch system log files and replace them in the database.  
# Use with caution!  
reparse = false
```

```
# Batch system specific options.  
# Valid types are LSF, PBS, SGE, SLURM  
type = PBS  
# Whether to try to parse multi-core details  
parallel = false  
# Directory to search for accounting logfiles  
dir = /var/lib/torque/server_priv/accounting/  
# Prefix shared by all log files to parse  
filename_prefix = 201  
# Whether to search subdirectories for logfiles  
subdirs = false
```

```
# LSF only: scale CPU and wall durations according to  
# 'HostFactor' value in logfiles  
#scale_host_factor = false
```

```
[logging]
```

```
logfile = /var/log/apelparser.log  
level = INFO  
console = true  
}}}
```

```
* Running /usr/bin/apelparser (OK)
```

```
{{{
```

```
[root@test06 etc]# export APEL_HOME=""
```

```
[root@test06 etc]# /usr/bin/apelparser
```

```
[ .... ]
```

```
2015-01-28 12:42:10,972 - parser - INFO - Parsed 22 lines  
2015-01-28 12:42:10,972 - parser - INFO - Ignored 44 lines (incomplete jobs)  
2015-01-28 12:42:10,972 - parser - INFO - Failed to parse 0 lines  
2015-01-28 12:42:10,985 - parser - INFO - Skipping file (already parsed):  
/var/lib/torque/server_priv/accounting/20131226
```

2015-01-28 12:42:11,002 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140619
2015-01-28 12:42:11,019 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140903
2015-01-28 12:42:11,030 - parser - INFO - Parsing file:
/var/lib/torque/server_priv/accounting/20141103
2015-01-28 12:42:11,067 - parser - INFO - Parsed 46 lines
2015-01-28 12:42:11,067 - parser - INFO - Ignored 92 lines (incomplete jobs)
2015-01-28 12:42:11,067 - parser - INFO - Failed to parse 0 lines
2015-01-28 12:42:11,089 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140118
2015-01-28 12:42:11,103 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140110
2015-01-28 12:42:11,119 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140910
2015-01-28 12:42:11,129 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140930
2015-01-28 12:42:11,139 - parser - INFO - Parsing file:
/var/lib/torque/server_priv/accounting/20141101
2015-01-28 12:42:11,167 - parser - INFO - Parsed 36 lines
2015-01-28 12:42:11,168 - parser - INFO - Ignored 72 lines (incomplete jobs)
2015-01-28 12:42:11,168 - parser - INFO - Failed to parse 0 lines
2015-01-28 12:42:11,182 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20141012
2015-01-28 12:42:11,197 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140819
2015-01-28 12:42:11,211 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140208
2015-01-28 12:42:11,230 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140913
2015-01-28 12:42:11,241 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140220
2015-01-28 12:42:11,247 - parser - INFO - Parsing file:
/var/lib/torque/server_priv/accounting/20141102
2015-01-28 12:42:11,275 - parser - INFO - Parsed 35 lines
2015-01-28 12:42:11,275 - parser - INFO - Ignored 70 lines (incomplete jobs)
2015-01-28 12:42:11,275 - parser - INFO - Failed to parse 0 lines
2015-01-28 12:42:11,279 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20141013
2015-01-28 12:42:11,291 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140912
2015-01-28 12:42:11,304 - parser - INFO - Skipping file (already parsed):
/var/lib/torque/server_priv/accounting/20140611
2015-01-28 12:42:11,438 - parser - INFO - Finished parsing PBS log files.
2015-01-28 12:42:11,439 - parser - INFO - Parser has completed.
2015-01-28 12:42:11,439 - parser - INFO -

=====
}}}

* World writable files

* An easy way to find world-writable files is using the find command:

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

* For finding world-writable files in the packages contents:

```
{{{  
[root@test06 ~]# rpm -qalv | egrep "^[^-d]([-r][-w][-xs]){2}[-r]w"  
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  
drwxrwxrwt 2 root root  
0 Oct 13 2011 /var/spool/maui/spool  
}}}
```

apel.apel.sl5.x86_64-1.3.1 + apel-ssm.sl5.x86_64-2.1.5

<https://rt.egi.eu/rt/Ticket/Display.html?id=7790>

<https://rt.egi.eu/rt/Ticket/Display.html?id=7701>

```
{{{  
[root@test07 yum.repos.d]# cat APEL.apel.sl5.x86_64.repo  
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(7702,1726,1657)
```

```
[APEL.apel.sl6.x86_64]  
name=APEL.apel.sl6.x86_64  
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.apel.apel.sl5.x86_64/1/3/1/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi  
}}}
```

* yum clean all;yum update

```
{{{
```



```

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# Batch system hostname. This does not need to be a definitive hostname,
# but it should uniquely identify the batch system.
# Example: pbs.gridpp.rl.ac.uk
lrms_server = test06.egi.cesga.es

[blah]
enabled = true
dir = /var/log/cream/accounting
# typical logfile name is blahp.log-yyyymmdd
filename_prefix = blahp.log
subdirs = false

[batch]
enabled = true

# Reparse all batch system log files and replace them in the database.
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# Batch system specific options.
# Valid types are LSF, PBS, SGE, SLURM
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parallel = false
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# 'HostFactor' value in logfiles
#scale_host_factor = false

[logging]
logfile = /var/log/apelparser.log
level = INFO
console = true
}}}

* Running /usr/bin/apelparser (OK)
{{{

[root@test06 etc]# export APEL_HOME="/"
[root@test06 etc]# /usr/bin/apelparser
[ .... ]
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```
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```

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drwxrwxrwt 2 root root  
0 Dec 3 2011 /var/lib/torque/undelivered  
drwxrwxrwt 2 root root  
0 Oct 13 2011 /var/spool/maui/spool  
}}}
```

Additional Info
