

Testing Report for CEMon 1.13.3 (Savannah task #22331)

Clean installation

Yum

yum installation log for UI is available here

yum installation log for CREAM-CE is available here

Yaim configuration

yaim configuration log for UI is available here

yaim configuration log for CREAM-CE is available here

Update

Yum

yum update log for UI is available here

yum update log for CREAM-CE is available here

Yaim configuration

yaim configuration log for UI is available here

yaim configuration log for CREAM-CE is available here

System tests

Functionality tests

Check if the CEMon service is published in the CREAM CE resource BDII in Glue 1.3

Result: PASSED

```
$ ldapsearch -h cream-38.pd.infn.it -x -p 2170 -b "o=grid" "objectclass=GlueService"
...
# cream-38.pd.infn.it_org.glite.ce.Monitor_3939283902, resource, grid
dn: GlueServiceUniqueID=cream-38.pd.infn.it_org.glite.ce.Monitor_3939283902,Mds-Vo-name=resource,
GlueServiceAccessControlBaseRule: VO:cms
GlueServiceAccessControlBaseRule: VO:dteam
GlueServiceAccessControlBaseRule: VO:infngrid
GlueServiceAccessControlBaseRule: VO:creamtest
GlueServiceAccessControlBaseRule: VO:test01
GlueServiceAccessControlBaseRule: VO:test02
GlueServiceAccessControlBaseRule: VO:test03
GlueServiceAccessControlBaseRule: VO:test04
GlueServiceAccessControlBaseRule: VO:test05
GlueServiceAccessControlBaseRule: VO:test06
GlueServiceAccessControlBaseRule: VO:test07
GlueServiceAccessControlBaseRule: VO:test08
```

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GlueServiceAccessControlBaseRule: VO:test09
GlueServiceAccessControlBaseRule: VO:test10
GlueServiceAccessControlBaseRule: VO:test11
GlueServiceAccessControlBaseRule: VO:test12
GlueServiceAccessControlBaseRule: VO:test13
GlueServiceAccessControlBaseRule: VO:test14
GlueServiceAccessControlBaseRule: VO:test15
GlueServiceAccessControlBaseRule: VO:test16
GlueServiceAccessControlBaseRule: VO:test17
GlueServiceAccessControlBaseRule: VO:test18
GlueServiceAccessControlBaseRule: VO:test19
GlueServiceAccessControlBaseRule: VO:test20
GlueServiceAccessControlBaseRule: VO:test21
GlueServiceAccessControlBaseRule: VO:alice
GlueServiceStatus: OK
GlueServiceStatusInfo: /etc/init.d/tomcat5 is already running (1364)
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: cream-38.pd.infn.it_org.glite.ce.Monitor_3939283902
GlueServiceAccessControlRule: cms
GlueServiceAccessControlRule: dteam
GlueServiceAccessControlRule: infngrid
GlueServiceAccessControlRule: creamtest
GlueServiceAccessControlRule: test01
GlueServiceAccessControlRule: test02
GlueServiceAccessControlRule: test03
GlueServiceAccessControlRule: test04
GlueServiceAccessControlRule: test05
GlueServiceAccessControlRule: test06
GlueServiceAccessControlRule: test07
GlueServiceAccessControlRule: test08
GlueServiceAccessControlRule: test09
GlueServiceAccessControlRule: test10
GlueServiceAccessControlRule: test11
GlueServiceAccessControlRule: test12
GlueServiceAccessControlRule: test13
GlueServiceAccessControlRule: test14
GlueServiceAccessControlRule: test15
GlueServiceAccessControlRule: test16
GlueServiceAccessControlRule: test17
GlueServiceAccessControlRule: test18
GlueServiceAccessControlRule: test19
GlueServiceAccessControlRule: test20
GlueServiceAccessControlRule: test21
GlueServiceAccessControlRule: alice
GlueServiceStartTime: 2011-09-07T17:51:07+02:00
GlueServiceEndpoint: https://cream-38.pd.infn.it:8443/ce-monitor/services
GlueServiceVersion: 1.13.3
GlueSchemaVersionMinor: 3
GlueServiceName: INFN-PADOVA-CREAMTEST-Monitor
GlueServiceType: org.glite.ce.Monitor
GlueServiceWSDL: http://grid.pd.infn.it/cemon/wSDL/org.glite.ce-mon_service.wsdl
GlueServiceSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/FunctionalDescription
GlueForeignKey: GlueSiteUniqueID=INFN-PADOVA-CREAMTEST
GlueServiceOwner: cms
GlueServiceOwner: dteam
GlueServiceOwner: infngrid
GlueServiceOwner: creamtest
GlueServiceOwner: test01
GlueServiceOwner: test02
GlueServiceOwner: test03
GlueServiceOwner: test04
GlueServiceOwner: test05
GlueServiceOwner: test06
GlueServiceOwner: test07

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```
GlueServiceOwner: test08
GlueServiceOwner: test09
GlueServiceOwner: test10
GlueServiceOwner: test11
GlueServiceOwner: test12
GlueServiceOwner: test13
GlueServiceOwner: test14
GlueServiceOwner: test15
GlueServiceOwner: test16
GlueServiceOwner: test17
GlueServiceOwner: test18
GlueServiceOwner: test19
GlueServiceOwner: test20
GlueServiceOwner: test21
GlueServiceOwner: alice
GlueSchemaVersionMajor: 1
```

Check if the CEMon service is published in the CREAM CE resource BDII in Glue 2

Result: PASSED

```
$ ldapsearch -h cream-38.pd.infn.it -x -p 2170 -b "o=glue" "objectclass=Glue2Endpoint"
...
...
# cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607, cream-38.pd.infn.it_Compu
dn: GLUE2EndpointID=cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607,GLUE2Ser
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EndpointHealthStateInfo: /etc/init.d/tomcat5 is already running (1364)
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cream-38.pd.infn.it
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=1.2.0-1
GLUE2EndpointCapability: information.monitoring
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: cream-38.pd.infn.it_ComputingElement
GLUE2EntityName: Monitor endpoint for Service cream-38.pd.infn.it_ComputingElement
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: https://cream-38.pd.infn.it:8443/ce-monitor/services/CEMonitor?wsdl
GLUE2EndpointInterfaceName: org.glite.ce.Monitor
GLUE2EndpointURL: https://cream-38.pd.infn.it:8443/ce-monitor/services
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 1.13.3
GLUE2EndpointSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/FunctionalDescription
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
objectClass: GLUE2Endpoint
objectClass: GLUE2ComputingEndpoint
GLUE2EndpointStartTime: 2011-09-07T15:51:07Z
GLUE2EndpointInterfaceVersion: 1.0
GLUE2EndpointImplementationName: CEMon
GLUE2EndpointTrustedCA: IGTF
GLUE2EndpointID: cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607
GLUE2EntityCreationTime: 2011-09-08T09:05:09Z
```

Check if the getinfo operation works and returns information about the service:

Result: PASSED

```
$ glite-ce-monitor-getinfo --cert /tmp/x509up_u500 --key /tmp/x509up_u500 https://cream-38:8443/c
Description=[cemonitor service]
Version      =[1.0]
HostDN      =[/C=IT/O=INFN/OU=Host/L=Padova/CN=cream-38.pd.infn.it]
```

```
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
    queryLanguage [ClassAd]
Action [SendExpiredNotification::]
Action [DoNotSendNotification::]
Action [SendNotification::]
```

Check if the gettopics operation works and returns the list of installed topic

Result: PASSED

```
$ glite-ce-monitor-gettopics --cert /tmp/x509up_u500 --key /tmp/x509up_u500 https://cream-38:8443
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
    queryLanguage [ClassAd]
```

Check if the getevent operation works and return info for the specified topic in the specified dialect

Result: PASSED

```
$ glite-ce-monitor-getevent --topic CREAM_JOBS --dialect CLASSAD --cert /tmp/x509up_u500 --key /t
--cert=/tmp/x509up_u500 --key=/tmp/x509up_u500
Event[0]:
  Message[0]=[[
    CREAM_JOB_ID = "CREAM460811263";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "REGISTERED";
    TIMESTAMP = "1315473034000";
    WORKER_NODE = "N/A"
  ]]
  Message[1]=[[
    CREAM_JOB_ID = "CREAM460811263";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "PENDING";
    TIMESTAMP = "1315473036000";
    WORKER_NODE = "N/A"
  ]]
  Message[2]=[[
    CREAM_JOB_ID = "CREAM460811263";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "IDLE";
    TIMESTAMP = "1315473036000";
    WORKER_NODE = "N/A"
  ]]
  Message[3]=[[
    CREAM_JOB_ID = "CREAM460811263";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "RUNNING";
    TIMESTAMP = "1315473039000";
    WORKER_NODE = "N/A"
  ]]
```

Check if subscriptions towards a authenticated consumer work

Result: PASSED

```
$ glite-ce-monitor-subscribe --consumer-url https://cream-19.pd.infn.it:9876 --topic CREAM_JOBS -
SubscriptionID=[uuid-1315473165713]
```

```
$ glite-ce-monitor-consumer --cert hostcert.pem --key hostkey.pem 9876
Socket connection successful on port 9876 master socket 3
```

Check if the getinfo operation works and returns information about the service:

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```
Accepting connection ...
Thu Sep  8 11:12:46 2011
- 1: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
>>> Event #1 - Dumping messages:

Event #1 - Message #0
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "REGISTERED";
  TIMESTAMP = "1315473034000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

Event #1 - Message #1
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "PENDING";
  TIMESTAMP = "1315473036000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

Event #1 - Message #2
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "IDLE";
  TIMESTAMP = "1315473036000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

Event #1 - Message #3
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "RUNNING";
  TIMESTAMP = "1315473039000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

Event #1 - Message #4
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "REALLY-RUNNING";
  TIMESTAMP = "1315473041000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

Event #1 - Message #5
[
  CREAM_JOB_ID = "CREAM460811263";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "DONE-OK";
  TIMESTAMP = "1315473050000";
  EXIT_CODE = 23;
  WORKER_NODE = "cream-43.pd.infn.it";
  FAILURE_REASON = "reason=0"
]

Accepting connection ...
```

Check if subscriptions towards a not authenticated consumer work

Result: PASSED

```
$ glite-ce-monitor-subscribe --consumer-url http://cream-19.pd.infn.it:9900 --topic CREAM_JOBS --
SubscriptionID=[uuid-1315473731882]
```

\$ glite-ce-monitor-consumer 9900 \$ glite-ce-monitor-consumer 9900 Socket connection successful on port 9900 master socket 3 Accepting connection ... Thu Sep 8 11:22:11 2011 - 1: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it) Event Producer=CREAM Job Sensor Event ID=-1 Topic [CREAM_JOBS] Dialect [CLASSAD] >>> *Event #1 - Dumping messages:*

Event #1 - Message #0 [SUBSCRIPTION_ID = "uuid-1315473731882"; KEEP_ALIVE = true;]

Accepting connection ... Thu Sep 8 11:22:31 2011 - 2: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it) Event Producer=CREAM Job Sensor Event ID=-1 Topic [CREAM_JOBS] Dialect [CLASSAD] >>> *Event #2 - Dumping messages:*

Event #2 - Message #0 [SUBSCRIPTION_ID = "uuid-1315473731882"; KEEP_ALIVE = true;]

Accepting connection ... Thu Sep 8 11:22:51 2011 - 3: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it) Event Producer=CREAM Job Sensor Event ID=-1 Topic [CREAM_JOBS] Dialect [CLASSAD] >>> *Event #3 - Dumping messages:*

Event #3 - Message #0 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "REGISTERED"; TIMESTAMP = "1315473752000"; WORKER_NODE = "cream-43.pd.infn.it"]

Event #3 - Message #1 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "PENDING"; TIMESTAMP = "1315473753000"; WORKER_NODE = "cream-43.pd.infn.it"]

Event #3 - Message #2 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "IDLE"; TIMESTAMP = "1315473753000"; WORKER_NODE = "cream-43.pd.infn.it"]

Event #3 - Message #3 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "RUNNING"; TIMESTAMP = "1315473756000"; WORKER_NODE = "cream-43.pd.infn.it"]

Event #3 - Message #4 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "REALLY-RUNNING"; TIMESTAMP = "1315473758000"; WORKER_NODE = "cream-43.pd.infn.it"]

Event #3 - Message #5 [CREAM_JOB_ID = "CREAM303594555"; CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2"; JOB_STATUS = "DONE-OK"; TIMESTAMP = "1315473767000"; EXIT_CODE = 23; WORKER_NODE = "cream-43.pd.infn.it"; FAILURE_REASON = "reason=0"]

Accepting connection ...

Check if the unsubscribe operation works

Result: PASSED

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```
$ glite-ce-monitor-unsubscribe --id uuid-1315473731882 https://cream-38:8443/ce-monitor/services/
$
```

No more events received by that consumer

Regression tests

- <http://savannah.cern.ch/bugs/?83297>

Result: PASSED

Verified the cemon info service wrapper, which now correctly calls `glite-info-glue2-endpoint` <cemon-service-provider-config-file>:

```
# cat /var/lib/bdii/gip/provider/glite-info-provider-service-cemon-wrapper
#!/bin/sh
export PATH=/bin:/usr/kerberos/sbin:/usr/kerberos/bin:/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/bin:/usr/sbin
export CEMON_HOST=cream-38.pd.infn.it
/usr/bin/glite-info-service /etc/glite/info/service/glite-info-service-cemon.conf INFN-PADOVA-CRE
/usr/bin/glite-info-glue2-endpoint /etc/glite/info/service/glite-info-glue2-cemon.conf cream-38.p
```

Queried the resource `bdii` and checked that all the relevant information is there. Verified in particular that the attributes `MiddlewareName`, `MiddlewareVersion`, `ImplementationName`, `ImplementationVersion` are properly published:

```
# ldapsearch -h cream-38.pd.infn.it -x -p 2170 -b "o=glue"
...
...
# cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607, cream
-38.pd.infn.it_ComputingElement, resource, glue
dn: GLUE2EndpointID=cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_
2880986607, GLUE2ServiceID=cream-38.pd.infn.it_ComputingElement, GLUE2GroupID=r
esource, o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EndpointHealthStateInfo: /etc/init.d/tomcat5 is already running (1364)
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cream-38.pd.infn.it
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=1.2.0-1
GLUE2EndpointCapability: information.monitoring
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: cream-38.pd.infn.it_ComputingElement
GLUE2EntityName: Monitor endpoint for Service cream-38.pd.infn.it_ComputingElement
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: https://cream-38.pd.infn.it:8443/ce-monitor/services/CEMonitor?wsdl
GLUE2EndpointInterfaceName: org.glite.ce.Monitor
GLUE2EndpointURL: https://cream-38.pd.infn.it:8443/ce-monitor/services
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 1.13.3
GLUE2EndpointSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/Function
alDescription
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
objectClass: GLUE2Endpoint
objectClass: GLUE2ComputingEndpoint
GLUE2EndpointStartTime: 2011-09-07T15:51:07Z
GLUE2EndpointInterfaceVersion: 1.0
GLUE2EndpointImplementationName: CEMon
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_288
```

Check if the unsubscribe operation works

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GLUE2EntityCreationTime: 2011-09-08T08:26:39Z

```
# cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607_Policy
, cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_2880986607, crea
m-38.pd.infn.it_ComputingElement, resource, glue
dn: GLUE2PolicyID=cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_28
80986607_Policy, GLUE2EndpointID=cream-38.pd.infn.it_ComputingElement_org.glit
e.ce.Monitor_2880986607, GLUE2ServiceID=cream-38.pd.infn.it_ComputingElement, G
LUE2GroupID=resource, o=glue
GLUE2AccessPolicyEndpointForeignKey: cream-38.pd.infn.it_ComputingElement_org.
glite.ce.Monitor_2880986607
GLUE2EntityValidity: 3600
objectClass: GLUE2Policy
objectClass: GLUE2AccessPolicy
GLUE2PolicyRule: VO:cms
GLUE2PolicyRule: VO:dteam
GLUE2PolicyRule: VO:infngrid
GLUE2PolicyRule: VO:creamtest
GLUE2PolicyRule: VO:test01
GLUE2PolicyRule: VO:test02
GLUE2PolicyRule: VO:test03
GLUE2PolicyRule: VO:test04
GLUE2PolicyRule: VO:test05
GLUE2PolicyRule: VO:test06
GLUE2PolicyRule: VO:test07
GLUE2PolicyRule: VO:test08
GLUE2PolicyRule: VO:test09
GLUE2PolicyRule: VO:test10
GLUE2PolicyRule: VO:test11
GLUE2PolicyRule: VO:test12
GLUE2PolicyRule: VO:test13
GLUE2PolicyRule: VO:test14
GLUE2PolicyRule: VO:test15
GLUE2PolicyRule: VO:test16
GLUE2PolicyRule: VO:test17
GLUE2PolicyRule: VO:test18
GLUE2PolicyRule: VO:test19
GLUE2PolicyRule: VO:test20
GLUE2PolicyRule: VO:test21
GLUE2PolicyRule: VO:alice
GLUE2PolicyScheme: org.glite.standard
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cream-38.pd.infn.it
GLUE2PolicyUserDomainForeignKey: cms
GLUE2PolicyUserDomainForeignKey: dteam
GLUE2PolicyUserDomainForeignKey: infngrid
GLUE2PolicyUserDomainForeignKey: creamtest
GLUE2PolicyUserDomainForeignKey: test01
GLUE2PolicyUserDomainForeignKey: test02
GLUE2PolicyUserDomainForeignKey: test03
GLUE2PolicyUserDomainForeignKey: test04
GLUE2PolicyUserDomainForeignKey: test05
GLUE2PolicyUserDomainForeignKey: test06
GLUE2PolicyUserDomainForeignKey: test07
GLUE2PolicyUserDomainForeignKey: test08
GLUE2PolicyUserDomainForeignKey: test09
GLUE2PolicyUserDomainForeignKey: test10
GLUE2PolicyUserDomainForeignKey: test11
GLUE2PolicyUserDomainForeignKey: test12
GLUE2PolicyUserDomainForeignKey: test13
GLUE2PolicyUserDomainForeignKey: test14
GLUE2PolicyUserDomainForeignKey: test15
GLUE2PolicyUserDomainForeignKey: test16
GLUE2PolicyUserDomainForeignKey: test17
```


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```
GLUE2PolicyUserDomainForeignKey: test18
GLUE2PolicyUserDomainForeignKey: test19
GLUE2PolicyUserDomainForeignKey: test20
GLUE2PolicyUserDomainForeignKey: test21
GLUE2PolicyUserDomainForeignKey: alice
GLUE2PolicyID: cream-38.pd.infn.it_ComputingElement_org.glite.ce.Monitor_28809
86607_Policy
GLUE2EntityName: Access control rules for Endpoint cream-38.pd.infn.it_Computi
ngElement_org.glite.ce.Monitor_2880986607
GLUE2EntityCreationTime: 2011-09-08T08:26:39Z
...
...
```

- <http://savannah.cern.ch/bugs/?85183>

Result: PASSED

Created a subscription, towards a certain consumer. Verified that the consumer receives the right ip name/address and not 0.0.0.0:

```
$ glite-ce-monitor-subscribe --consumer-url http://cream-19.pd.infn.it:9910 --topic CREAM_JOBS --
SubscriptionID=[uuid-1315471400369]
```

```
$ glite-ce-monitor-consumer 9910
Socket connection successful on port 9910 master socket 3
Accepting connection ...
Thu Sep 8 10:43:20 2011
- 1: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
>>> Event #1 - Dumping messages:
```

```
Event #1 - Message #0
[ SUBSCRIPTION_ID = "uuid-1315471400369";
KEEP_ALIVE = true; ]
```

```
Accepting connection ...
Thu Sep 8 10:43:40 2011
- 2: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
>>> Event #2 - Dumping messages:
```

```
Event #2 - Message #0
[ SUBSCRIPTION_ID = "uuid-1315471400369";
KEEP_ALIVE = true; ]
```

```
Accepting connection ...
Thu Sep 8 10:44:00 2011
- 3: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
>>> Event #3 - Dumping messages:
```

```
Event #3 - Message #0
[ SUBSCRIPTION_ID = "uuid-1315471400369";
KEEP_ALIVE = true; ]
```

```
Accepting connection ...
```

Regression tests

- <https://savannah.cern.ch/bugs/?86504>

Result: PASSED

Created a subscription considering the CREAM_JOBS topic (for this one there are multiple events per message). Runned a consumer with the --outpath option. Verified that it works without crashing

```
[sgaravat@cream-19 ~]$ glite-ce-monitor-consumer --outpath /home/sgaravat/ 9917
Socket connection successful on port 9917 master socket 3
Accepting connection ...
Thu Sep  8 10:50:43 2011
- 1: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
Notification redirected to [/home/sgaravat//cream-38.pd.infn.it]
>>> Event #1 - Dumping messages:

Event #1 - Message #0
Event #1 - Message #1
Event #1 - Message #2
Event #1 - Message #3
Event #1 - Message #4
Event #1 - Message #5
Accepting connection ...
Thu Sep  8 10:51:03 2011
- 2: accepted connection from IP=193.206.210.16 (cream-38.pd.infn.it)
Event Producer=CREAM Job Sensor
Event ID      =-1
Topic [CREAM_JOBS]
  Dialect [CLASSAD]
Notification redirected to [/home/sgaravat//cream-38.pd.infn.it]
>>> Event #2 - Dumping messages:

Event #2 - Message #0
Event #2 - Message #1
Event #2 - Message #2
Event #2 - Message #3
Event #2 - Message #4
Event #2 - Message #5
>>> Event #2 - Dumping messages:

Event #2 - Message #0
Event #2 - Message #1
Event #2 - Message #2
Event #2 - Message #3
Accepting connection ...
...
```

```
[sgaravat@cream-19 ~]$ cat /home/sgaravat//cream-38.pd.infn.it
[
  CREAM_JOB_ID = "CREAM497884541";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "REGISTERED";
  TIMESTAMP = "1315471482000";
  WORKER_NODE = "cream-43.pd.infn.it"
]

[
  CREAM_JOB_ID = "CREAM497884541";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "PENDING";
  TIMESTAMP = "1315471483000";
```

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```
WORKER_NODE = "cream-43.pd.infn.it"
]
[
  CREAM_JOB_ID = "CREAM497884541";
  CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
  JOB_STATUS = "IDLE";
  TIMESTAMP = "1315471483000";
...

```

-- MassimoSgaravatto - 2011-09-05

This topic: CEMon > Cemon1133TestingReport

Topic revision: r7 - 2011-09-09 - MassimoSgaravatto



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