

Testing Report for CEMon 1.13.2 (Savannah task #21574)

Premise

CEMon 1.13.2 is just a rebuild of CEMon 1.13.1 with the new trustmanager. This was just to address bug #83426 .

So there were no changes at all in CEMon code wrt CEMon 1.13.1.

Clean installation

Yum

yum installation log is available here

Yaim configuration

yaim configuration log is available here

Update

Yum

yum update log is available here

Yaim configuration

yaim configuration log is available here

System tests

As explained above, CEMon 1.13.2 is just a rebuild of CREAM 1.13.1 with the new trustmanager. This was just to address bug #83426 . So there were no changes at all in CEMon code wrt CEMon 1.13.1.

For this purpose only few basic tests were done, and the relevant bug was verified.

Functionality tests

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.pd.i
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

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```
$ 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 = "CREAM289729190";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "REGISTERED";
    TIMESTAMP = "1310987209000";
    WORKER_NODE = "N/A"
  ]]
  Message [1]=[[
    CREAM_JOB_ID = "CREAM289729190";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "PENDING";
    TIMESTAMP = "1310987210000";
    WORKER_NODE = "N/A"
  ]]
Event [1]:
  Message [0]=[[
    CREAM_JOB_ID = "CREAM211348212";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "REGISTERED";
    TIMESTAMP = "1310987203000";
    WORKER_NODE = "N/A"
  ]]
  Message [1]=[[
    CREAM_JOB_ID = "CREAM211348212";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "PENDING";
    TIMESTAMP = "1310987204000";
    WORKER_NODE = "N/A"
  ]]
  Message [2]=[[
    CREAM_JOB_ID = "CREAM211348212";
    CREAM_URL = "https://cream-38.pd.infn.it:8443/ce-cream/services/CREAM2";
    JOB_STATUS = "IDLE";
    TIMESTAMP = "1310987204985";
    WORKER_NODE = "N/A"
  ]]
]]
```

Regression tests

- <http://savannah.cern.ch/bugs/?83426>

Successfully tried a get-info operation using a proxy signed by the GridGerman CA:

```
$ glite-ce-monitor-getinfo --cert ~/JDLExamples/fomenko.k5-ca-proxy.pem --key ~/JDLExamples/fome
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::]
```

-- MassimoSgaravatto - 2011-07-18

This topic: CEMon > Cemon1132TestingReport

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