

cream-test-notified-lease-updated

NAME

cream-test-notified-lease-updated - submit a sequence of jobs and enable the lease renew process

SYNOPSIS

cream-test-notified-lease-updated [OPTION] -R | --resourceURI RESOURCEURI

DESCRIPTION

Submit a given number of jobs keeping track of their status via CEMonitor notifications. For each job either a lease is registered or a pre-registered lease is used; the expiring lease is renewed so the job must not be cancelled by the service. The status of the job is notified by the CEMonitor'. The test keeps a given number of job running on the CE.

OPTIONS

- **-p --consumerPort NUMBER** define the port for the consumer service (DEFAULT is 9000)
- **-D --delegationType STRING** specify the delegation management type: single, one delegated proxy for all submissions, or multiple, one delegated proxy per job (DEFAULT is single)
- **-h --help** Print the man pages for this command
- **--interactive** Enable the test control via terminal (EXPERIMENTAL)
- **-W --leaseTime NUMBER** define the lease time in seconds for a lease, if it is not used a pre-registered lease id (DEFAULT 1200s)
- **-L --leaseType STRING** specify the lease management type: single, one lease for all submissions, or multiple, one lease per job (DEFAULT is single)
- **-l --logConf STRING** Set the location of the configuration file for log4py, (DEFAULT as provided by log4py)
- **-C --maxConcurrentSubmit NUMBER** define the number of concurrent submit, (DEFAULT is 1)
- **-m --maxRunningJobs NUMBER** set the max number of job which can be enqueued in the service (DEFAULT 100)
- **--nopurge** Disable the purge operation for all jobs submitted (CRITICAL)
- **-n --numberOfJob NUMBER** set the number of jobs to submit (DEFAULT 1)
- **-r --rate NUMBER** set the notification rate in seconds for the subscription on CEMonitor (DEFAULT is 30s)
- **-R --resourceURI STRING** define the URI of the resource under testing, the format is [:/]cream--. This option is mandatory and no default value is defined
- **--sotimeout NUMBER** Socket timeout in seconds (DEFAULT 30s)
- **--valid STRING** set the voms-proxy duration in the format HH:MM (DEFAULT 00:10)

CreamTestNotifiedLeaseUpdated < CREAM < TWiki

- **--vo STRING** set the VO name to be used for the test; this parameter is mandatory whenever X509_USER_CERT and X509_USER_KEY are defined, no default is available

ENVIRONMENT

- **GLITE_LOCATION** location of gLite packages (DEFAULT=/opt/glite)
- **X509_USER_PROXY** location of the user proxy
- **X509_USER_CERT** location of the user certificate, this variable has priority upon the X509_USER_PROXY variable
- **X509_USER_KEY** location of the user private key. The key must be protected by a passphrase.
- **X509_CONSUMER_CERT** location of the consumer certificate, if this variable is set together with X509_CONSUMER_KEY the test suite enables the notifications over secure channel
- **X509_CONSUMER_KEY** location of the consumer private key, if this variable is set together with X509_CONSUMER_CERT the test suite enables the notifications over secure channel. The key must be protected by a passphrase.
- **NOTIFIED_LEASE_UP_CONFIG_FILE** location of the configuration file for this test. The configuration file contains a list of properties (the format is key=value); the set of keys correspond to the set of the long options of this test

This topic: CREAM > CreamTestNotifiedLeaseUpdated

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