Test bunch #1: requests:

#1.1:

#1.1.1: submit a simple "Hello, world" job with trivial ISB and OSB. #1.1.2: submit a collection made of a bunch of such jobs, say 10.

check all option, especially json compliance test submission to CREAM test submission to ICE

glite-wms-job-cancel #1.2.1: glite-wms-job-cancel for single job #1.2.2: glite-wms-job-cancel for collection job parent and nodes. pending nodes should be at various mixed states (submitted, ready, scheduled, running) check all option, especially json compliance

glite-wms-job-info glite-wms-job-logging-info

check that ReallyRunning event is present in LogMonitor

glite-wms-job-perusal glite-wms-job-submit glite-wms-job-delegate-proxy glite-wms-job-list-match check all option, especially json compliance

glite-wms-job-output glite-wms-job-status check all option, especially json compliance glite-wms-proxy-sign

Test bunch #2: job types:

-collection use both: node = [a=b;c=d;...] and node = [file = "..."] -dag DAG1: dag with no dependencies DAG2: dag with terminal failing node DAG3: dag with non-terminal failing node max_running_nodes,NodesCollocation -parametric -MPI

Test bunch #3: security features:

delegation: automatic, explicit voms proxy: old-style, --rfc, no attributes, one attribute, more attributes authorization: check how gacl file is generated and match by dn and fqan. proxy renewal: myproxyserver="myproxy.cnaf.infn.it" check with both ICE and jc sandbox mapping with gridftp and lcas, lcmaps. check that no mix up is done when using delegations from the same user with different certificates/attributes

Test bunch #4: server features: check that init scripts work with all their options (start, stop, graceful, etc.) check limiter kicking in check wm recovery check stale gridftp processes (#53700) stop the wm with pending jobs and check that at restart they are properly restored from their last state create a dump of the ism, adding a request on file like [command="ism_dump";] check that proxycache cron purges expires delegated proxies. check that lb proxy does NOT purge done jobs before one week check that wms purger works properly check ExpiryPeriod weith jobs that do not specify it in their jdl check MatchRetryPeriod check MaxOutputSandboxSize check ice configuration check wmproxy in static and dynamic mode (now with fcgid) check WMS+LB co-hosting, checklbproxy=false/true

job-list-match: requirements =true, requirements=false job submit 1) ISB 2) ISB with one empty file 3) zipped ISB 4) OSB 5) ISB+OSB

after job is complete: - check that proxy is deregistered - sandbox is purged - check that lb proxy did NOT purge done the job before one week

Test bunch #5: JDL features:

-nodescollocation mm with data -inputdata lfn:, guid:, lds and query -DataRequirements -DataCatalog,

DataCatalogType, DataAccessProtocol, OutputSE -Gang-matching -Resubmission:

deep

      RetryCount

shallow

      shallowRetryCount

- requirements, rank, fuzzyrank - ExpiryTime (=1) - resubmission - zippedisb - replanning - Environment (Environment={"CIAO=1008"} executable= echo $CIAO

Test bunch #6: Jobwrapper:

sandbox splitting sandbox tracking

Test bunch #7: Configuration:

metapackage, dependencies glue and glie2.0 service information

regression tests

submit a job with expired ACs but valid certificate and check that fqan authZ doesn't let the job pass URLs in ISB are sometimes converted to lowercase by WMproxy Detect job status changes in ICE->CREAM with secondary FQANs Env variables, ~ character are not correctly expanded in the WMS UI #77284 WMProxy deleagation ID should be associated to DN + FQAN #77282 WMS information system usage is case-sensitive #74832 Files specified with absolute paths shouldn't be used with inputsandboxbaseuri #74737 glite-wms-wmproxy start removes fastcgi socket ! #74221 Perusal doesn't work with nodes of a collection #73329 ICE and CREAM can loose eventid synchronization #73286 glite-wms-job-status and glite-wms-job-logging info wrongly see a corrupted help file #72870 The WMS-UI does not check type mismatch for SMPGranularity, WholeNodes and HostNumber #71438 proxycache purger fails on symlinked proxy cache #70331 glite-wms-create-proxy "ambiguous redirect" #70401 stale Condor-G jobs slowly piling up in held state #70061 WMS hates collections with 192 nodes! #68307 WMS-UI: syntax error for correct JDL when substr is used #68786 "InputSandboxBaseURI" JDL attribute work only in some circumstances... #66721 Ineffective and never removed Job cancels #64698 jobwrapper max osb limit should be considered only if the gridftp server is the wms #64462 high CPU usage of workload manager in gLite-WMS #64567 job from gLite-WMS is still running after proxy expiration #63824 LCMAPS excessive logging #63113 WMS should allow any groups/roles by default and #50009 wmproxy.gacl person record allows anyone to pass !!!! #59453 ICE polling needs to be improved #59502 WM became unresponsive after St9bad_alloc #59611 WMS UI: should transfer files even if size is 0 bytes #59781 limit maximum sleep time in job wrapper #56827 workload manager needs better ISM logging #56734 ListMatch should consider also SDJ specification #56673 WMProxy SL5: Gridsite is not backward compatible with old style proxy #56395 WMProxy fails to enqueue jobs and they remain Submitted forever #56330 httpd doesn't start after upgrade WMS #56090 Correctly submitted JDL staying in SUBMITTED - error parsing classad #56034 Matchmaking with JobType=Normal does not take NodeNumber into account #55684 WMSProxy(wmproxy) gets FQAN wrong using mod_gridsite 1.7.4 Patch #55649 WMS 3.2: wmproxy/fastcgi crashes if gcal contains invalid FQAN #55606 glite-wms-job-listmatch is sometimes slow #55532 WMS only accepts LSF/PBS batch system for MPI jobs when expressed as MPICH #55452 CMS production struck by waves of "Globus error 10: data transfer to the server failed" #54728 WMP finds FQAN inconsistency only if GROUPS are different, not ROLES #54079 glite-wms-job-submit segmentation if requirements=(); #53733 The StorageElements section of the BrokerInfo files contains some repetitions #53714 WMS PURGER SHOULD NOT directly FORCE PURGE OF jobs when its DN is not authorized on LB server #53700 HUGE NUMBER OF GRIDFTP CONNECTION in CLOSE_WAIT STATUS #53294 WMS 3.2 WMProxy logs are useless below level 6 #52371 [yaim-wms] /var/log on WMS ends up owned by glite #52003 ICE crashes when the purger is called #51296 glite-wms-job-info: does not recognize if a job is simple or DAG/Collection #51295 glite-wms-job-output: fails creating the output directory if not present #51294 glite-wms-job-submit:

ExpiryTime wrong type #51293 glite-wms-job-status does not load LBAddresses attribute #51292 glite-wms-job-status does not load default configuration file #48640 glite-wms-wmproxy to support graceful command #48598 job submission fails when first WMS tried is draining !! #48172 wmproxy stop/restart can leave old processes behind #48079 WMProxy has garbage in GlueServiceStatusInfo #48068 [wms] GlueServiceStatusInfo content is ugly #47404 Ambiguous error message 'System load is too high:' #47150 glite-wms-wm script: problem when moving files from too much populated directories #33342: separate retry policies for ISB and OSB #36292: Not all attributes of a SA/SE coul be used in a gangmatching When a collection is aborted the "Abort" event should be logged for the sub-nodes as well #40982: When a collection is aborted the "Abort" event should be logged for the sub-nodes as well /2 #44599: WMS should consider MaxTotalJobs #45883: Optimization of resubmission #48636: job wrapper should log events for truncated files #49844: WMProxy does not catch signal 25 #52617: [yaim-wms] host{cert,key}.pem in /home/glite #56933: WMProxy Server: gSoap needs to be built with WITH_IPV6 flag #58878: Request for a feature allowing propagation of generic parameters from JDL to LRMs #61557: user job is not killed when proxy expires #70824: environment values in JDL cannot have spaces #78030: Alternative GLITE_WMS_LOG_DESTINATION in the jobwrapper #77004: Wrong myproxyserver string processing in ICE #75402: Synchronization loss between real validity of proxy and exp. time saved in ICE's database #74259: Previous matches information is not taken into account if direct submission is used

This topic: EgeeJra1It > Test_Plan_WMS
Topic revision: r4 - 2011-06-30 - MarcoCecchi

Ideas, requests, problems regarding TWiki? Send feedback