



Open Science Grid

OSG Resource Service Validation (RSV) <-> WLCG SAM Availability Plots Update

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Updated: 29th

RSV Record Upload to SAM

- We are uploading RSV records to SAM that we receive from US Tier-2 production resources listed in the WLCG MOUs with ATLAS and CMS.
- We are reporting 7 sites so far using an automated transport.
- Logs - on the sam side- have revealed that our uploads are steady and getting there fine.
- We use the WLCG BDII list of hosts plus hostname information from VORS (OSG resource monitoring service)



SAM Web Interface showing results from RSV information

- SAM web interface still does NOT present the expected results or resources. (See Next Slide)
- Joint debugging is actively taking place as we speak.



The SAM Portal configuration is showing wrong set of critical tests, namely those which are published for OPS, and you are publishing VO independent results, which are mapped as "unregd vos" in SAM. To correct your SAM configuration you should go to the results page once more, tick "show ops critical tests" check-box, and then click "ShowSensorsTests" button. What should happen than is that you should see results for "unregd vos" from this time on (the header of the table indicates the VO).

There is one more problem. The tests are indistinguishable as they all appear as "None" This is because you started to publish metricDescription

The details... not important as specifics but.. once again emphasise that are many such.

metricTitle: Simple job submission

metricHelp: <http://server.org/docs/job-submission.html>

Which means that for each test you can specify the abbreviation (will appear in the column header), title (will appear in the tests table) and help URL (will be linked from tests table). These are not mandatory fields and not publishing them means "None"

Current Views from SAM (20:32 1/28/08)

No	RegionName	SiteName	NodeName	Status	ops										
					None	None	None	None	None	None	None	None	None	None	
1	OpenScienceGrid	bnl_atlas_1	gridgk01.racf.bnl.gov	ERROR	na	na	na	na	na	na	na	na	na	na	na
2	OpenScienceGrid	fnal_fermigrid	fermigrid1.fnal.gov	ERROR	na	na	na	na	na	na	na	na	na	na	na
3	OpenScienceGrid	mit_cms	ce01.cmsaf.mit.edu	ERROR	na	na	na	na	na	na	na	na	na	na	na
4	OpenScienceGrid	purdue-lear	lepton.rcac.purdue.edu	ERROR	na	na	na	na	na	na	na	na	na	na	na
5	OpenScienceGrid	purdue-rcac	osg.rcac.purdue.edu	ERROR	na	na	na	na	na	na	na	na	na	na	na
6	OpenScienceGrid	ucsd2	osg-gw-2.t2.ucsd.edu	OK	na	na	na	na	na	na	na	na	na	na	na
7	OpenScienceGrid	ucsd2	osg-gw-4.t2.ucsd.edu	OK	na	na	na	na	na	na	na	na	na	na	na

No	Timestamp (submission time)	Status	ops														
			None	None	None	None	None	None	None	None	None	None	None	None	None	None	
1	09-Dec-2007 16:01:00	ERROR	ok	na	na	na	na	na	na	na	na	na	na	na	na	na	na

Next Steps

- From testing and watching the transmission logs we are seeing no issues with the transport layer.
- OSG and SAM/GridView are working together to solve the details.
- RSV Storage Probes will be available the first full week of February.