GlideinWMS - Feature #5011

Frontend monitoring should also show what factory is doing with its requests

11/26/2013 03:54 PM - Parag Mhashilkar

Status:	New		**Start date:**	08/26/2014
Priority:	Normal		**Due date:**	
Assignee:	Marco Mambelli		**% Done:**	100%
Category:	Frontend Monitoring		**Estimated time:**	0.00 hour
Target version:	v3_6_x		**Spent time:**	0.00 hour
Stakeholders:	OSG			

Description

Currently, frontend monitoring shows what it knows about the requests, how many resources have been provisioned and what the limits are. However it does not tell what factory is doing with the requests, how many glieins have been submitted etc. All this info is in the glideresource classad, we need to capture it in the rrds and make a monitoring page displaying this information. This is frontend equivalent of factory status now web page.

Subtasks:

Feature # 6868: Frontend should log what the factory is doing with its requests	**Closed**

Related issues:

Related to GlideinWMS - Feature #3615: Add failed glidein monitoring to the F...	**Closed**	**08/26/2014**

History

#1 - 11/26/2013 07:10 PM - Igor Sfiligoi

We want both the "status now" page and the historical RRDs containing the factory stats (with proper visualization).

And the Web pages should allow for easy comparison between the requests and what was is happening in the factory.

#2 - 12/02/2013 03:04 PM - Parag Mhashilkar

- Stakeholders updated

#3 - 12/02/2013 03:39 PM - Burt Holzman

- Assignee set to Marco Mambelli

#4 - 08/26/2014 03:26 PM - Igor Sfiligoi

Separated the writing the static information (#6868) from RRD updates, since the amount of work needed to achieve it is quite different.

#5 - 08/29/2014 03:32 PM - Igor Sfiligoi

We actually don't have the information currently in memory.
The frontend never fetches the glidefactoryclient classads.

This also means that the numbers the FE publishes in the glideresource classads are not useful.
(they are totals across all requesting FEs for that entry)

BTW: Abandoning #6868, since XML and RRD monitoring is really closely correlated.

#6 - 04/26/2018 04:44 PM - Marco Mambelli

- Target version changed from v3_2_x to v3_4_x

#7 - 09/06/2018 03:25 PM - Marco Mambelli

- Target version changed from v3_4_x to v3_5_x

#8 - 10/04/2019 04:56 PM - Marco Mambelli

- Target version changed from v3_5_x to v3_6_x

#9 - 08/31/2020 04:47 AM - Marco Mascheroni

- Stakeholders updated

Removing CMS from the Stakeholder list since this is no more relevant