

GlideinWMS - Feature #2184

Different idle timeouts for startup and tail

11/21/2011 03:17 PM - Parag Mhashilkar

Status:	Closed	Start date:	11/21/2011
Priority:	Normal	Due date:	
Assignee:	Douglas Strain	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	v2_6_2	Spent time:	0.00 hour
Stakeholders:			
Description			
<p>Hi guys.</p> <p>I was toying with the idea of changing how the fast the glidein shuts down if idle. The reason why we have 20 mins now is so the glideins have time to be matched the first round around (packet loss, negotiator busy, etc.)</p> <p>However, once the glidein is matched, it does not go back to the negotiator, unless there are no more jobs for that user on the schedd.</p> <p>So if the glidein is not matched again after the schedd runs out of job, it is not a big deal (although we should still want that it happens).</p> <p>So I would propose we reduce the idle_timeout for the re-match to 400s. (1 min for negotiation cycle + 5 min for one packet loss)</p> <p>We should be able to do this easily now that we are using the DAEMON_SHUTDOWN expression.</p> <p>What do you think?</p> <p>It would certainly reduce drastically the wasted time on the tails... but maybe I forgot some negative aspects? Also, does 400s sound reasonable? Should we make it shorter? Longer?</p> <p>Thanks, Igor</p>			

History

#1 - 09/13/2012 02:07 PM - Douglas Strain

- Assignee set to Douglas Strain

#2 - 09/20/2012 04:35 PM - Douglas Strain

This has been done and committed:

branch_v2plus_2184 13a2c7a

I just realized I need to update documentation. So, I will do that then assign for review.

#3 - 09/21/2012 11:22 AM - Douglas Strain

- Status changed from New to Feedback

- Assignee changed from Douglas Strain to Parag Mhashilkar

I have added documentation with the second commit:

branch_v2plus_2184 7af878d

Please review.

#4 - 09/21/2012 02:22 PM - Parag Mhashilkar

- Assignee changed from Parag Mhashilkar to Douglas Strain

- Target version set to v2_6_2

looks ok to merge

#5 - 09/21/2012 02:34 PM - Douglas Strain

- *Status changed from Feedback to Resolved*

Merged into v2plus and master.

#6 - 10/28/2012 04:32 PM - Douglas Strain

Added bcf737f commit with additional term: TotalTimeClaimedBusy != UNDEFINED.
Also cherry-pick to master.

#7 - 11/02/2012 10:57 AM - Parag Mhashilkar

- *Status changed from Resolved to Closed*