

## GlideinWMS - Feature #17102

### Do not set GLIDEIN\_ToDie based on X509 user proxy expiration

07/03/2017 11:28 AM - Brian Bockelman

<b>Status:</b>	Closed	<b>Start date:</b>	07/03/2017
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Marco Mambelli	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v3_4_0	<b>Spent time:</b>	0.00 hour
<b>Stakeholders:</b>	OSG, CMS		

#### Description

GLIDEIN\_ToDie should not be statically configured based on X509 user proxy expiration.

- The most common CEs these days (Arc, CREAM, HTCondor-CE) can all push updated proxies during the job lifetime.
- Some of the desired pilot lifetimes are longer than the maximum possible VOMS extension lifetimes.
- As opposed to the original design, GSI is rarely used - it'll establish a security session with the collector which is subsequently reused. GSI is no longer used for schedd<->startd auth. Hence, a pilot can be perfectly functional with an expired proxy.

Two thoughts on how to improve the situation:

- Check for a minimum validity (it's currently 12 hours, right?) at startup but do not adjust GLIDEIN\_ToDie.
- Make GLIDEIN\_ToDie an expression referring to the proxy expiration time, which is then updated periodically throughout the startd's lifetime via the "startd cron" mechanism.

#### History

##### #1 - 12/05/2017 11:24 AM - Parag Mhashilkar

- Assignee set to Marco Mambelli
- Target version set to v3\_2\_22

##### #2 - 03/21/2018 11:47 AM - Marco Mambelli

- Target version changed from v3\_2\_22 to v3\_2\_23

##### #3 - 04/26/2018 04:32 PM - Marco Mambelli

- Target version changed from v3\_2\_23 to v3\_4\_0

##### #4 - 04/27/2018 01:02 PM - Marco Mambelli

- Status changed from New to Feedback
- Assignee changed from Marco Mambelli to Lorena Lobato Pardavila

Added GLIDEIN\_Ignore\_X509\_Duration (default: true)

If set to false, the glidein will shorten its lifetime depending on the current proxy duration.

If the current proxy duration is less than 15min (900 s), then the glidein will always shorten its lifetime (independent from the value of GLIDEIN\_Ignore\_X509\_Duration)

changes in v34/17102

##### #5 - 05/07/2018 03:15 PM - Marco Mambelli

- Status changed from Feedback to Resolved
- Assignee changed from Lorena Lobato Pardavila to Marco Mambelli

##### #6 - 05/11/2018 10:44 AM - Marco Mambelli

- Stakeholders updated

##### #7 - 06/06/2018 10:05 AM - Marco Mambelli

- Status changed from Resolved to Closed