

GlideinWMS - Bug #3446

Installer not setting SHARED_PORT_MAX_WORKERS

02/07/2013 08:47 PM - Igor Sfiligoi

Status:	Closed	Start date:	02/07/2013
Priority:	Normal	Due date:	
Assignee:	John Weigand	% Done:	0%
Category:	Ini-Installer	Estimated time:	0.00 hour
Target version:	v2_7	Spent time:	0.00 hour
First Occurred:		Stakeholders:	
Occurs In:			

Description

The glideinWMS installation does not set SHARED_PORT_MAX_WORKERS when enabling the shared port daemon.

The default is only 10, which is ridiculously low for anything but toy installations.

We should set this to
SHARED_PORT_MAX_WORKERS=1000

History

#1 - 02/25/2013 03:19 PM - Burt Holzman

- Status changed from New to Assigned
- Assignee changed from Burt Holzman to John Weigand
- Priority changed from High to Normal

#2 - 03/12/2013 02:09 PM - John Weigand

- Status changed from Assigned to Feedback
- Assignee changed from John Weigand to Igor Sfiligoi
- Target version set to v2_7_x

Igor,

I have a couple questions on this.

1. In looking at this Condor ticket...

<https://htcondor-wiki.cs.wisc.edu/index.cgi/tktview?tn=1681.56>

.. it appears this may have been resolved in v7.5

.. yes / no?

2. Then I found this...

http://cmssw.cvs.cern.ch/cgi-bin/cmssw.cgi/COMP/GLIDEINWMS/condor_config/generic/80_cms_schedd_tunning.config?view=markup&revision=1.1

.. should we be setting the SCHEDD_QUERY_WORKERS=20? (default I think is 3)

.. and increasing our MAX_JOBS_RUNNING from something greater than the 6000 we currently set it to?

.. or is it just sufficient to add the single attribute you suggest?

John Weigand

#3 - 03/12/2013 08:41 PM - Igor Sfiligoi

Hi John.

The large number of SHARED_PORT_WORKERS is still needed for performance reasons; the fix you point out just prevents Condor from dying if the number is too low.

Both the other attributes:

MAX_JOBS_RUNNING=6k is quite high for many of our VOs. It is not good enough for CMS, but may be for other users. I have no strong feeling about it... but anyhow would not pair it with SHARED_PORT_MAX_WORKERS change.

Finally, the SCHEDD_QUERY_WORKERS is a completely different beast... has nothing to do with how the system schedules jobs... it is more how

users use it.

Raising it may indeed be a good idea... but once again, I would not pair it with this ticket.

#4 - 03/13/2013 07:59 AM - John Weigand

- Status changed from Feedback to Assigned

- Assignee changed from Igor Sfiligoi to John Weigand

#5 - 03/13/2013 08:23 AM - John Weigand

Igor,

One more question as I am not that versed in Condor.

Should the condor config attribute be qualified with

SCHEDD.SHARED_PORT_MAX_WORKERS=1000

... since we qualify the shared port currently with

SHADOW.USE_SHARED_PORT = True

SCHEDD.USE_SHARED_PORT = True

John Weigand

#6 - 03/13/2013 08:25 AM - Igor Sfiligoi

I would keep it at the global level;

should not hurt the daemons that do not use the shared port.

#7 - 03/13/2013 10:22 AM - John Weigand

- Status changed from Assigned to Feedback

- Assignee changed from John Weigand to Igor Sfiligoi

Igor,

Committed to branch_v2plus_3446

hash: 67c2126db78dd411b9b791f119b433c6996728d2

For your review/feedback.

Added SHARED_PORT_MAX_WORKERS = 1000 to the condor config when the shared port option is in effect.

Files changed:

- doc/components/condor.html

- doc/components/condor_config.html

- install/services/Condor.py

- install/templates/02_gwms_factory_schedds.config

- install/templates/02_gwms_schedds.config

John Weigand

#8 - 03/13/2013 10:28 AM - Igor Sfiligoi

Can you patch the Q&A installer, too?

#9 - 03/13/2013 10:47 AM - John Weigand

Igor,

install/glideinWMS_install changed.

branch_v2plus_3446

hash 946418ff3495c90027797dcff5060beaccda07c7

We good now?

John Weigand

#10 - 03/13/2013 11:31 AM - Igor Sfiligoi

Looks good.

#11 - 03/13/2013 11:55 AM - John Weigand

- *Status changed from Feedback to Assigned*

- *Assignee changed from Igor Sfiligoi to John Weigand*

Merged into branch v2plus

commits:

67c2126db78dd411b9b791f119b433c6996728d2

946418ff3495c90027797dcff5060beaccda07c7

John Weigand

#12 - 03/13/2013 11:59 AM - John Weigand

- *Status changed from Assigned to Resolved*

cherry-pick'd into master

ONLY commit 67e361255119850a4bd620a109853b5d1bb3a9a3

since the ./install/glideinWMS_install module is not supported in master.

John Weigand

#13 - 03/18/2013 01:27 PM - Parag Mhashilkar

- *Target version changed from v2_7_x to v2_7*

#14 - 03/18/2013 01:56 PM - Parag Mhashilkar

- *Status changed from Resolved to Closed*