

GlideinWMS - Bug #3438

VOFE won't count partitionable slots correctly

02/06/2013 04:43 PM - Burt Holzman

Status: Closed	Start date: 02/06/2013
Priority: Low	Due date:
Assignee: Burt Holzman	% Done: 0%
Category: Factory	Estimated time: 0.00 hour
Target version: v2_7	Spent time: 0.00 hour
First Occurred:	Stakeholders:
Occurs In:	
Description	
We put in a workaround for partitionable slots triggering DAEMON_SHUTDOWN prematurely in #3399 . Remember, they always come back as "idle".	
We also need to account for them properly in the VOFE:	
If (PartitionableSlot == True && TotalSlots == 1) then it's truly idle.	
If (PartitionableSlot == True && cpus == 0) then all of its resources are claimed (treat it as claimed).	
There is a middle ground for a slot that's been partitioned but not all the resources are in use. I'm not sure how we want to count that.	
Related issues:	
Related to GlideinWMS - Bug #3556: For partitionable slots, VOFE will stop to...	Assigned 03/01/2013

History

#1 - 02/06/2013 04:56 PM - Burt Holzman

The formatting ate some of that.

```
If (PartitionableSlot == True && TotalSlots == 1) then it's truly idle.
```

```
If (PartitionableSlot == True && cpus == 0) then all of its resources are claimed (treat it as claimed).
```

#2 - 03/19/2013 02:59 PM - Burt Holzman

- Status changed from Assigned to Feedback

Committed commit:5a27199 in master_3438.

#3 - 03/25/2013 11:36 AM - Parag Mhashilkar

- Assignee changed from Parag Mhashilkar to Burt Holzman

Looks ok to merge.

#4 - 03/26/2013 10:07 AM - Burt Holzman

- Status changed from Feedback to Closed

Also put the fix in for branch_v2plus in commit:578aa55c

#5 - 04/01/2013 03:13 PM - Parag Mhashilkar

- Target version changed from v3_1 to v2_7