USEDCPU and FREECPU do not adjust for number of CPU's for kvm hosts

USEDCPU and FREECPU are calculated based on output from top, but top runs in Solaris mode by default, so the amount of idle cpu is divided by the number of CPU's. The attached patch counters this.

I happened to discover this because a VM with "CPU = 2" never got scheduled for deployment, because no host ever reported a FREECPU value of more than 100.

Associated revisions

Revision 28d3886f - 03/13/2009 05:34 PM - Tino Vázquez

Fix for ticket #68.

git-svn-id: http://svn.opennebula.org/one/trunk@408 3034c82b-c49b-4eb3-8279-a7acafdc01c0

Revision 43ef7dbb - 03/13/2009 05:39 PM - Tino Vázquez

Backported Fix in [408] for ticket #68 to the 1.2 branch.

git-svn-id: http://svn.opennebula.org/one/branches/one-1.2@409 3034c82b-c49b-4eb3-8279-a7acafdc01c0

History

#1 - 01/28/2009 10:47 PM - Ruben S. Montero

Moving this to 1.2.1 release

#2 - 03/13/2009 06:36 PM - Tino Vázquez

- Status changed from New to Closed
- Resolution set to fixed

Fixed in r408.

Files

freecpu_kvm.diff 787 Bytes 01/28/2009 Redmine Admin