

Stressant - Functionality #15443

automate test run

2014-09-18 13:59 - Antoine Beaupré

Statut:	Rejected	Début:	2014-09-18
Priorité:	Normal	Echéance:	
Assigné à:		% réalisé:	0%
Catégorie:		Temps estimé:	0.00 heure
Version cible:		Points:	1
RT ticket:	24025		

Description

we should have a shell script that we can run after login, or that runs straight on boot, and that will run all the tests we need.

so far, i have this in the motd:

```
This debirf image has the "stresant" extensions. Some suggested tests:
```

```
# hardware inventory
lshw -short
lshw -json | nc backup.example.com 12345
# basic hard drive speed test
hdparm -Tt /dev/sda
# wipe disks
${wipe_motd} /dev/sda
# benchmark disks with bonnie++
mkfs -t ext4 /dev/sda # only on new systems!
mount /dev/sda /mnt
chown nobody /mnt
free -h
bonnie++ -d /mnt/ -s 96G -n 1024 -u nobody
# cpu stress testing
stress -c $(grep ^processor /proc/cpu | wc -l)
```

some fixes needed there:

- detect existing partitioning and mount instead of mkfs for bonnie test, abort to be safe in doubt
- calculate bonnie ram automatically
- log output (where?! email? syslog UDP??)
- show this on the first tty by default?

Historique

#1 - 2014-09-18 14:11 - Antoine Beaupré

other ideas for tests to run can be gleamed from:

<http://git.advancedclustering.com/cgi-bin/gitweb.cgi?p=breakin.git;a=tree:f=scripts/tests;hb=HEAD>

http://git.advancedclustering.com/cgi-bin/gitweb.cgi?p=breakin.git;a=blob_plain:f=scripts/startup.sh;hb=HEAD

also, the main breakin command runs benchmarks of its own, eg. "stream":

<http://git.advancedclustering.com/cgi-bin/gitweb.cgi?p=breakin.git;a=blob:f=breakin.c#I967>

the results are optionally encrypted to a given password

dmidecode is also ran, along with a custom disk benchmark:

http://git.advancedclustering.com/cgi-bin/gitweb.cgi?p=breakin.git;a=blob_plain:f=bench_disk.c;hb=HEAD

All this could be made into a script, program, or **something** that could be shipped in a debian package. I suggest the name "burnin" or simply "stressant" as command name.

#2 - 2014-09-18 16:48 - Antoine Beaupré

- RT ticket mis à 24025

noter que ceci répondrait également à ce ticket si on crée un email: <https://rt.koumbit.net/rt/Ticket/Display.html?id=24025>

#3 - 2022-03-24 14:44 - Kienan Stewart

- *Statut changé de New à Rejected*