

EOS - Bug #9234

Updating EOS mount sensor

06/17/2015 03:22 PM - Gerard Bernabeu Altayo

Status:	Resolved	Start date:	06/17/2015
Priority:	Normal	Due date:	06/17/2015
Assignee:	Gerard Bernabeu Altayo	% Done:	100%
Category:		Estimated time:	1.00 hour
Target version:		Spent time:	0.00 hour
Description			
Need to improve the sensor because the restart was leaving the eosd daemon dead.			

History

#1 - 06/17/2015 03:36 PM - Gerard Bernabeu Altayo

Thanks Natalia,

I could not find anything in the foswiki about this (https://cmsweb.fnal.gov/bin/view/Monitoring/WebSearch?tab=search&search=uscms_zabbix_plugins&scope=all&web=all&recurse=on), but as you said the history can be reconstructed somehow:

```
809 rm -rf uscms_zabbix_plugins-1.8.17
810 cd /usr/src/redhat/
811 ls
812 cd SOURCES
813 ls
814 cp uscms_zabbix_plugins-1.8.18.tar.gz /root/ma
815 cd /root/ma
832 tar xvzf uscms_zabbix_plugins-1.8.18.tar.gz
833 ls -ltr
834 cd uscms_zabbix_plugins-1.8.18
835 ls
836 cd plugins/
837 ls
838 cd src
839 ls
840 ls -ltr
841 scp root@cmsadmin1:/root/check_eos* /tmp
842 diff check_eos_mount /tmp/check_eos_mount
843 ls
844 cp /tmp/check_eos_mount .
845 ls
867 rm uscms_zabbix_plugins-1.8.18.tar.gz
868 history |grep tar
869 tar cvzf uscms_zabbix_plugins-1.8.18.tar.gz uscms_zabbix_plugins-1.8.18/
870 ls -ltr
871 cp uscms_zabbix_plugins-1.8.18.tar.gz /usr/src/redhat/SOURCES/
872 cd /usr/src/redhat/
873 ls
874 cd SPECS
878 history |grep rpm
879 rpmbuild -ba --target=noarch uscms_zabbix_plugins.spec
880 cd /root/rpmbuild/
881 ls
882 cd SOURCES
883 ls
884 pwd
885 cd -
886 cd /usr/src/
#A few (failed?) attempts to build the rpm
912 cp ../SOURCES/uscms_zabbix_plugins-1.8.18.tar.gz /root/rpmbuild/SOURCES
913 rpmbuild -ba --target=noarch uscms_zabbix_plugins.spec
914 cd /root/rpmbuild/
939 cd /root/rpmbuild/
940 ls
941 cd RP
942 cd RPMS/noarch/
943 ls
```

```
944 scp uscms_zabbix_plugins-1.8.18-2.noarch.rpm root@cmsadmin1:/root
947 rpm -Uvh /tmp/uscms_zabbix_plugins-1.8.18-2.noarch.rpm
```

Will give it a try.... This seems to work:

```
[root@cmszabbix1 ma]# vim /usr/src/redhat/SPECS/uscms_zabbix_plugins.spec #Increase version number to 1.8.19

[root@cmszabbix1 ~]# ll /usr/src/redhat/SOURCES/uscms_zabbix_plugins-1.8.18.tar.gz
-rw-r--r-- 1 root root 47035 May 28 13:19 /usr/src/redhat/SOURCES/uscms_zabbix_plugins-1.8.18.tar.gz
[root@cmszabbix1 ~]# cd /usr/src/redhat/SOURCES/
[root@cmszabbix1 SOURCES]# tar -xvf /usr/src/redhat/SOURCES/uscms_zabbix_plugins-1.8.18.tar.gz
[root@cmszabbix1 SOURCES]# mv uscms_zabbix_plugins-1.8.18 uscms_zabbix_plugins-1.8.19

[root@cmslpc33 ~]# scp /usr/local/bin/check_eos_mount cmszabbix1.fnal.gov:/usr/src/redhat/SOURCES/uscms_zabbix_plugins-1.8.19/plugins/src/check_eos_mount
check_eos_mount
100% 5007 4.9KB/s 00:00

[root@cmslpc33 ~]#

[root@cmszabbix1 SOURCES]# tar -czf uscms_zabbix_plugins-1.8.19.tar.gz uscms_zabbix_plugins-1.8.19
[root@cmszabbix1 SPECS]# cd /usr/src/redhat/SPECS
[root@cmszabbix1 SPECS]# cp /usr/src/redhat/SOURCES/uscms_zabbix_plugins-1.8.19.tar.gz /root/rpmbuild/SOURCES/uscms_zabbix_plugins-1.8.19.tar.gz #Not sure why I have to do this...
[root@cmszabbix1 SPECS]# rpmbuild -ba --target=noarch uscms_zabbix_plugins.spec
[root@cmszabbix1 SPECS]# ll /root/rpmbuild/RPMS/noarch/uscms_zabbix_plugins-1.8.19-1.noarch.rpm
-rw-r--r-- 1 root root 52270 Jun 17 15:16 /root/rpmbuild/RPMS/noarch/uscms_zabbix_plugins-1.8.19-1.noarch.rpm

[root@cmszabbix1 SPECS]# rpm -vUh /root/rpmbuild/RPMS/noarch/uscms_zabbix_plugins-1.8.19-1.noarch.rpm
Preparing... ##### [100%]
 1:uscms_zabbix_plugins ##### [100%]
[root@cmszabbix1 SPECS]# rpm -q uscms_zabbix_plugins
uscms_zabbix_plugins-1.8.19-1.noarch
[root@cmszabbix1 SPECS]# vim /usr/local/bin/check_eos_mount
[root@cmszabbix1 SPECS]# grep -i version /usr/local/bin/check_eos_mount
# Version: 3.4
```

So this works!

Will now put it in the repo:

```
ssh root@cms-install.fnal.gov
scp root@cmszabbix1.fnal.gov:/root/rpmbuild/RPMS/noarch/uscms_zabbix_plugins-1.8.19-1.noarch.rpm /srv/repo/slf
6-x86_64/
cd /srv/repo
make uscmst1
```

Testing it now:

```
[root@cmslpc37 ~]# yum clean all --disablerepo=* --enablerepo=uscmst1
Loaded plugins: priorities, security
Cleaning repos: uscmst1
Cleaning up Everything
[root@cmslpc37 ~]# yum update --exclude=kernel*
Loaded plugins: priorities, security
Setting up Update Process
uscmst1
| 2.5 kB 00:00
uscmst1/primary_db
| 138 kB 00:00
7749 packages excluded due to repository priority protections
Resolving Dependencies
--> Running transaction check
---> Package uscms_zabbix_plugins.noarch 0:1.8.18-2 will be updated
---> Package uscms_zabbix_plugins.noarch 0:1.8.19-1 will be an update
--> Finished Dependency Resolution
```

Adding all this in <https://cdcv.fnal.gov/redmine/issues/9234>

For the SL5 machines I don't see this RPM, not sure how the check should be distributed....

Gerard

#2 - 06/17/2015 03:44 PM - Gerard Bernabeu Altayo

- Due date set to 06/17/2015

- Status changed from New to Resolved
- % Done changed from 0 to 100
- Estimated time set to 1.00 h

Update done on the SL5 nodes manually:

```
[root@cmslpc33 ~]# scp cmslpc37:/usr/local/bin/check_eos_mount /usr/local/bin/check_eos_mount
check_eos_mount 100% 5007 4.9KB/s 00:00
[root@cmslpc33 ~]# for i in `seq 28 35`; do rsh cmslpc$i uname -a; done
Linux cmslpc28.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc29.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc30.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc31.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc32.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc33.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc34.fnal.gov 2.6.18-400.1.1.el5 #1 SMP Wed Dec 17 14:22:42 CST 2014 x86_64 x86_64 x86_64 GNU/Linux
Linux cmslpc35.fnal.gov 2.6.18-398.el5 #1 SMP Tue Sep 16 01:03:15 CDT 2014 x86_64 x86_64 x86_64 GNU/Linux

[root@cmslpc33 ~]# for i in `seq 28 35`; do rsh -F cmslpc$i scp cmslpc37:/usr/local/bin/check_eos_mount /usr/local/bin/check_eos_mount; done
[root@cmslpc33 ~]#
```

The SL6 machines will pickup the new version from the new RPM :).

#3 - 06/18/2015 01:30 PM - Gerard Bernabeu Altayo

I actually didn't make the script in a way that zabbix like the way we have it deployed, had to update and redeploy with:

```
-bash-4.1$ pssh -l root --verbose --outdir /tmp/pssh_output.gba --timeout 600 -h /usr/local/etc/farmlets/all 'yum clean all --disablerepo=*
--enablerepo=uscmst1; yum update -y uscms_zabbix_plugins'
```

And then "rerun" zabbix like:

```
-bash-4.1$ pssh -l root --verbose --outdir /tmp/pssh_output.gba --timeout 600 -h /usr/local/etc/farmlets/workers 'service zabbix-agent restart'
```