OpenNebula - Bug #4870

Missing entry for mkswap in sudoers (uninitialized volatile disk of type "swap")

10/13/2016 03:19 PM - Jan "Yenya" Kasprzak

Status:	Closed		Start date:	10/13/2016
Priority:	Normal		Due date:	
Assignee:			% Done:	0%
Category:	Core & System		Estimated time:	0.00 hour
Target version:	Release 5.2			
Resolution:	fixed		Pull request:	
Affected Versions:	OpenNebula 5.0			

Description

Originally discussed here: https://forum.opennebula.org/t/volatile-swap-disk-not-initialized-in-5-0-2/3126/

ONe fails to initialize volatile images of type "swap" on a CEPH system datastore, because the rbd-mapped block device in /dev/rbd/X is not accessible by mkswap. Adding a mkswap entry to /etc/sudoers.d/opennebula fixes the problem. Patch attached. The patch should be evaluated from the security point of view - adding mkswap to sudoers probably allows the oneadmin user to overwrite any file in the system. The relevant parts of the system log (/var/log/secure on CentOS 7) is here:

Oct 13 15:00:22 host4 sudo: oneadmin : TTY=unknown ; PWD=/var/lib/one ; USER=
root ; COMMAND=/bin/rbd --id libvirt map one/one-sys-620-1
Oct 13 15:00:22 host4 sudo: pam_unix(sudo:auth): conversation failed
Oct 13 15:00:22 host4 sudo: pam_unix(sudo:auth): auth could not identify pass
word for [oneadmin]
Oct 13 15:00:22 host4 sudo: oneadmin : command not allowed ; TTY=unknown ; PW
D=/var/lib/one ; USER=root ; COMMAND=/sbin/mkswap -L swap stratus4:/var/lib/one/
/datastores/0/620/disk.1
Oct 13 15:00:22 host4 sudo: oneadmin : TTY=unknown ; PWD=/var/lib/one ; USER=
root ; COMMAND=/bin/rbd --id libvirt unmap /dev/rbd/one/one-sys-620-1

Associated revisions

Revision 406695f8 - 10/14/2016 02:33 PM - Jaime Melis

B #4870: missing sudo perms for mkswap

Patch submitted by Jan "Yenya" Kasprzak

History

#1 - 10/13/2016 03:26 PM - Ruben S. Montero

- *Target version set to Release 5.2*

#2 - 10/13/2016 03:39 PM - Jan "Yenya" Kasprzak

- *File ceph-mkimage.patch added*

Oops, one more change is needed: mkswap is run with incorrect arguments. Additional patch to /var/lib/one/remotes/tm/ceph/mkimage is attached.

#3 - 10/14/2016 02:37 PM - Jaime Melis

- *Status changed from Pending to Closed*

- Resolution set to fixed

patch applied

thanks!!!!

Files

one-sudoers.patch	565 Bytes	10/13/2016	Jan "Yenya" Kasprzak
ceph-mkimage.patch	412 Bytes	10/13/2016	Jan "Yenya" Kasprzak