

OpenNebula - Bug #3931

ssh contextualisation should *not* overwrite authorized_keys file

08/11/2015 12:11 PM - Nico Schottelius

Status:	Closed	Start date:	08/11/2015
Priority:	Normal	Due date:	
Assignee:	Javi Fontan	% Done:	0%
Category:	Context	Estimated time:	0.00 hour
Target version:	Release 4.14	Pull request:	
Resolution:	fixed		
Affected Versions:	OpenNebula 4.12		

Description

The problem with overwriting on (re-)boot is that every manual change is overwritten. This causes problems, because users are usually not aware of what opennebula is "doing to their VM".

I suggest to change it to append, if the key is not present. It can be a very simple script like `if ! grep "$key" ~root/.ssh/authorized_keys; then echo $key >> ... ; fi`

If the contextualisation packages are somewhere available in a version control repo, I can also create a pull request

History

#1 - 08/11/2015 03:19 PM - Daniel Dehennin

+1

The context repository is an [addon on GitHub](#).

#2 - 08/12/2015 02:46 PM - Ruben S. Montero

- Category set to Context

- Target version set to Release 4.14

#3 - 08/17/2015 07:51 AM - Ruben S. Montero

- Assignee set to Javi Fontan

#4 - 08/17/2015 02:00 PM - Javi Fontan

I would do that per line as SSH_PUBLIC_KEY can contain more than one key. The code for the script that generates authorized_keys is at:

https://github.com/OpenNebula/addon-context-linux/blob/master/base/etc/one-context.d/02-ssh_public_key

The file is emptied so it does not grow indefinitely in each boot.

#5 - 08/17/2015 02:39 PM - Nico Schottelius

I think an easy solution is to use a while loop:

```
while read key; do
  if grep -v -q -e "$key" /root/.ssh/authorized_keys; then
    echo $key >> /root/.ssh/authorized_keys
  fi
done
```

```
fi  
done < "$SSH_PUBLIC_KEY"
```

#6 - 09/01/2015 07:16 PM - Javi Fontan

I've added a new issue in the GitHub repository and will work on a solution with the code you've provided.

<https://github.com/OpenNebula/addon-context-linux/issues/19>

Thanks

#7 - 09/03/2015 10:25 AM - Javi Fontan

- *Status changed from Pending to Closed*

- *Resolution set to fixed*

I've added the change to the context repo. It should be available in the next contextualization package version.

<https://github.com/OpenNebula/addon-context-linux/issues/19>

<https://github.com/OpenNebula/addon-context-linux/commit/e04ab3383f9965e0d539c34bac60be5d6b2c2811>

Thanks!