Foreman fails to execute ansible commands when connected to ipa server

11/16/2018 12:50 PM - Marek Hulán

Status: Closed
Priority: Normal
Assignee: Ewoud Kohl van Wijngaarden
Category: Foreman modules
Target version:
Triaged: Yes
Bugzilla link: 1650103
Found in Releases:

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1650103

Description of problem:
When Satellite 6.4 is connected to an IPA server it fails to run Ansible commands on client systems

Version-Release number of selected component (if applicable):
- Satellite 6.4.0
- ansible-2.7.0-1.el7ae.noarch

How reproducible:
Everytime the Satellite is configured as an ipa client

Steps to Reproduce:
1. Install Satellite 6.4.0
2. Connect Satellite to IPA server
3. Try to run an Ansible command on a command on a client

Actual results:
The run fails with:
fatal: [fluffy.example.com]: UNREACHABLE! => {"changed": false, "msg": "Failed to connect to the host via ssh: ssh_exchange_identification: Connection closed by remote host\n\n", "unreachable": true}

Expected results:
The run should work

Additional info:
The ipa client changes the file /etc/ssh/ssh_config when it is configured and adds the line

ProxyCommand /usr/bin/sss_ssh_knownhostsproxy -p %p %h

This was already reported for ovirt/RHV in this bugzillas:
- https://bugzilla.redhat.com/show_bug.cgi?id=1529851#c14
- https://bugzilla.redhat.com/show_bug.cgi?id=1531967#c5

Workaround:
Comment the line in /etc/ssh/ssh_config like this:

#ProxyCommand /usr/bin/sss_ssh_knownhostsproxy -p %p %h

and the Ansible jobs are working again.
In case of IPA there's a ProxyCommand set that handles known hosts, but foreman_ansible has its own way of handling known hosts. This sets the ssh args to force override this.
When I commented this line, it started working again but I had to also change owner of /var/lib/foreman-proxy/ansible/ to foreman-proxy on debian (packaging issue?)

#11 - 09/17/2019 06:30 PM - Marek Hulán

If I specify also ansible defaults as per https://docs.ansible.com/ansible/latest/reference_appendices/config.html#ansible-ssh-args (-C -o ControlMaster=auto -o ControlPersist=60s) it works, so some of these options are probably necessary and by hardcoding ssh_args to ProxyCommand=none we're breaking it