

Discovery - Bug #12053

foreman-server's hostname is not resolvable on provisioning a discovered host via pxeless

10/05/2015 03:10 AM - Sachin Ghai

Status: Closed	
Priority: Normal	
Assignee:	
Category: Discovery plugin	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman_discovery/pull/222	
Description	
foreman server's hostname is not resolvable when we provision a host that was discovered via pxeless. Provisioning stuck always at where host fetches the install.image from server. Please see the screen shot.	
Also, I can see hostname resolution failures on other terminal(Alt+F3). Also some failures related to dbus. I'll close this if it will be a DNS setup/config issue.	
Related issues:	
Related to Discovery - Tracker #10294: PXEless discovery feature	Closed 04/28/2015

Associated revisions

Revision ac51c0a6 - 10/08/2015 11:06 AM - Lukas Zapletal

Refs #12053 - improved RHEL6 kexec template

History

#1 - 10/05/2015 03:12 AM - Sachin Ghai

- File *error_couldnot_resolve_hostname.png* added

#2 - 10/05/2015 03:13 AM - Sachin Ghai

- File *dbus_error.png* added

#3 - 10/05/2015 03:14 AM - Sachin Ghai

- Related to Tracker #10294: PXEless discovery feature added

#4 - 10/05/2015 12:41 PM - Lukas Zapletal

- Status changed from New to Need more information

Sachin, can you log onto the image via ssh or console tty3 and investigate `/etc/resolv.conf`? Also show `nmcli c show primary`.

Were you provisioning with or w/o DHCP?

Ideally, attach discovery-debug output please.

#5 - 10/06/2015 04:57 AM - Sachin Ghai

- File *discovery_debug.txt* added

I can neither login to tty3 and nor can ssh once I triggered the provisioning. However, on discovered host, hostname is resolvable.

```
[root@fdi ~]# cat /etc/resolv.conf
```

```
1. Generated by NetworkManager
search xxxqe.lab.xxx.xxx.xxxx.com
nameserver 192.168.100.1
```

```
[root@fdi ~]# ping cloud-qe-15
PING cloud-qe-15.xxxqe.lab.xxx.xxx.xxx.com (192.168.100.1) 56(84) bytes of data.
64 bytes from 192.168.100.1: icmp_seq=1 ttl=64 time=0.062 ms
64 bytes from 192.168.100.1: icmp_seq=2 ttl=64 time=0.148 ms
64 bytes from 192.168.100.1: icmp_seq=3 ttl=64 time=0.149 ms
64 bytes from 192.168.100.1: icmp_seq=4 ttl=64 time=0.147 ms
^C
```

discovery-debug is from discovered host attached. Please note with PXE-based discovery I didn't find issue with hostname resolution. And In case of pxeless, Provisioning works if I change the server name with IP in the URL setup screen.

#6 - 10/06/2015 10:22 AM - Sachin Ghai

- File *discovery_debug2.txt* added

discover-debug after making change to kexec. I can ping to server via hostname from discovered host

#7 - 10/07/2015 06:06 AM - Sachin Ghai

- File *fetch_image.png* added

Another update:

I replaced /usr/bin/kexec with dummy executable script. That holds the provisioning. here is the screen shot where I can fetch the image with server's hostname.

#8 - 10/07/2015 06:07 AM - Sachin Ghai

- File *refetch_image.png* added

I can fetched image even after triggering provisioning from webUI. Looks like still not able to catch the real issue.

#9 - 10/08/2015 05:21 AM - The Foreman Bot

- Status changed from *Need more information* to *Ready For Testing*
- Pull request https://github.com/theforeman/foreman_discovery/pull/222 added
- Pull request deleted ()

#10 - 10/13/2015 10:04 AM - Lukas Zapletal

- Status changed from *Ready For Testing* to *Closed*

Files

unable_to_fetch_install_image.png	20.4 KB	10/05/2015	Sachin Ghai
error_couldnot_resolve_hostname.png	34.9 KB	10/05/2015	Sachin Ghai
dbus_error.png	36.9 KB	10/05/2015	Sachin Ghai
discovery_debug.txt	55.2 KB	10/06/2015	Sachin Ghai
discovery_debug2.txt	55.8 KB	10/06/2015	Sachin Ghai
fetch_image.png	35.9 KB	10/07/2015	Sachin Ghai
refetch_image.png	38 KB	10/07/2015	Sachin Ghai