Foreman - Bug #2176

Entries in leases file changes PXE boot and makes it fail

02/03/2013 02:36 PM - Dennis Jacobfeuerborn

Status:	Resolved		
Priority:	Normal		
Assignee:			
Category:	DHCP		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

So initially I had dhcpd manually configured but did not specify it in the subnet configuration. This worked fine and I could provision systems without a problem and pxe requested the proper config from pxelinux.cfg/01-{MAC}.

However once I set the proxy for the dhcp server in the subnet config the pxe process suddenly stopped working.
The weird thing is that suddenly pxe tried the config from pxelinux.cfg/{sys-uuid}. There it simply got stuck.

The leases file contained this entry for the host:

host testsys.vms.local {
dynamic;
hardware ethernet 52:54:00:28:11:63;
fixed-address 10.100.0.124;
supersede server.filename = "pxelinux.0";
supersede server.next-server = 0a:63:00:28;
supersede host-name = "testsys.vms.local";
}

The moment I remove that entry and restart dhcpd pxe starts using the MAC address again and the pxe boot and the provisioning succeeds.

History

#1 - 02/05/2013 04:50 AM - Dominic Cleal

- Status changed from New to Feedback

Likely a configuration issue somewhere. Have you checked the information that the proxy is adding in that lease for accuracy?

Particularly the filename - if you had a different one before, make sure that pxelinux.0 is the same binary. Check the next-server is correct too, or it will be failing to TFTP from it.

pxelinux should be requesting the UUID and then falling through to MAC based lookups.

#2 - 02/27/2014 12:41 PM - Benjamin Papillon

- Description updated

Hello,

This ticket has been open for a while. Did you solve your problem? Can you provide the feedback Dominic asked if you still experience the problem?

Regards

#3 - 05/17/2017 06:38 AM - Anonymous

- Status changed from Feedback to Resolved

no reaction, closing.