

Foreman - Bug #34462

Shorten DNS timeout for primary NIC detection

02/16/2022 01:37 PM - Lukas Zapletal

Status:	Closed	
Priority:	Normal	
Assignee:	Lukas Zapletal	
Category:	Facts	
Target version:		
Difficulty:		Fixed in Releases: 3.3.0
Triaged:	Yes	Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/foreman/foreman/pull/9108	

Description

In facts parsing code we have a very old code bit that performs DNS reverse query for each IP address until it finds a PTR record matching the hostname of the host that sent facts. This works for all fact types which do not override the method in its implementation (e.g. Ansible, possibly others).

During testing today my fact queries were delayed to 75 seconds which turns out to be my OS default value. That is too much, hosts with many IP addresses can cause huge delays if DNS does not reply fast enough. This can easily overload the application server with unfinished requests.

I am proposing to shorten the DNS timeout to something sane like 250ms. If it does not return quickly, then the only drawback is that primary interface might not be detected correctly for unmanaged hosts. Not a big deal.

Associated revisions

Revision 8e28a45d - 02/24/2022 03:38 PM - Lukas Zapletal

Fixes #34462 - shorten DNS timeout for primary detection

Signed-off-by: Lukas Zapletal <lzap+git@redhat.com>

History

#1 - 02/16/2022 01:39 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/9108> added

#2 - 02/24/2022 03:38 PM - The Foreman Bot

- Fixed in Releases 3.3.0 added

#3 - 02/24/2022 04:01 PM - Lukas Zapletal

- Status changed from Ready For Testing to Closed

Applied in changeset [foreman|8e28a45df1afa92adb8dfc81517f8b22a5e1246c](https://gitlab.com/foreman/foreman/-/commits/8e28a45df1afa92adb8dfc81517f8b22a5e1246c).