Foreman - Feature #24881

serve templates for cloud-init nocloud provider

09/11/2018 07:51 AM - Timo Goebel

Status: Closed

Priority: Normal

Assignee: Timo Goebel

Category: Unattended installations

Target version:

Difficulty:

Pull request: https://github.com/theforeman/foreman/pull/6057

Triaged: No

Fixed in Releases: 1.23.0

Bugzilla link: 1690204

Found in Releases:

Description

vSphere offers the functionality to clone vm from templates and customize the templates during cloning. This is very handy for changing the network settings of a newly cloned VM. Foreman fully supports this feature via a userdata template that is converted to cloud-init. The amount of things vSphere allows a user to customize are very limited, though. It's not possible to run a finish script or setup puppet with valid certificates on the new VM. This can be worked around by setting up a two step process: vSphere customization is just used to set up the network config of the host. Cloud-init is used to do the rest of the customization on first boot.

As part of this story, Foreman should be able to serve cloud-init templates.

cloud-init can be configured this way:

/etc/cloud/cloud.cfg.d/10_foreman.cfg
datasource_list: [NoCloud]
datasource:
NoCloud:
seedfrom: http://foreman.example.com/userdata/

Foreman than needs to respond to:

/userdata/meta-data (with metadata)

and

/userdata/user-data (with a cloud-init template)

This has already been implemented in a plugin, see https://github.com/theforeman/foreman_userdata.

Related issues:

- Related to Smart Proxy - Feature #24885: templates proxy should proxy cloud-init nocloud templates added - Closed
- Related to Foreman - Bug #27055: Allow HTTP for userdata controller - Closed

Associated revisions

Revision d74dc425 - 04/29/2019 03:00 PM - Timo Goebel

fixes #24881 - cloud-init nocloud support

History

#1 - 09/11/2018 08:42 AM - The Foreman Bot

- Assignee set to Timo Goebel
- Pull request https://github.com/theforeman/foreman/pull/6057 added

#2 - 09/11/2018 09:03 AM - Timo Goebel

- Related to Feature #24885: templates proxy should proxy cloud-init nocloud templates added
#3 - 03/19/2019 09:55 AM - Marek Hulán
- Bugzilla link set to 1690204

#4 - 04/25/2019 08:53 AM - The Foreman Bot
- Status changed from New to Ready For Testing

#5 - 04/29/2019 04:02 PM - Timo Goebel
- Status changed from Ready For Testing to Closed

Applied in changeset d74dc42518397e31f9b021d4d83f92b08992c9c3.

#6 - 04/30/2019 06:54 AM - Marek Hulán
- Fixed in Releases 1.23.0 added

#7 - 07/01/2019 09:56 AM - Lukas Zapletal
- Related to Bug #27055: Allow HTTP for userdata controller added