Foreman - Tracker #8447

Puppet 4 support

11/19/2014 07:46 AM - Dominic Cleal

Status:	Closed		**% Done:**	0%
Priority:	Normal			
Assignee:				
Category:	Puppet integration			
Target version:	1.12.0			
Difficulty:			**Fixed in Releases:**	
Triaged:			**Found in Releases:**	
Bugzilla link:			**Red Hat JIRA:**	

Description	
Tracks steps for Foreman to work with Puppet 4 based Puppet masters, e.g. smart proxy updates, installer/kafo support.	

Related issues:

Related to Packaging - Bug #9588: foreman-installer should be able to work wi...	Duplicate	02/27/2015
Related to Smart Proxy - Bug #11599: Parsing environments/manifests in Puppet...	Closed	08/28/2015
Related to Foreman - Feature #4528: Support Facter 2 structured facts	Closed	03/03/2014
Blocked by Kafo - Refactor #7858: Replace use of Puppet::Plugin	Rejected	10/08/2014
Blocked by Kafo - Feature #6254: Puppet 4 parser support	Rejected	06/17/2014
Blocked by Kafo - Feature #7848: YARD / Puppet Strings support	Closed	10/08/2014
Blocked by Smart Proxy - Feature #11992: Support loading Puppet from AIO pack...	Rejected	09/29/2015
Blocked by Installer - Feature #9822: Support Puppet 4 / future parser across...	Closed	03/19/2015
Blocked by Kafo - Feature #14447: Add serialised cache of parsed manifests	Closed	04/04/2016
Blocked by Kafo - Feature #14448: kafo_parsers should support selecting avail...	Closed	04/04/2016
Blocked by Installer - Refactor #14449: Hostname check should use Facter bina...	Closed	04/04/2016
Blocked by Kafo - Refactor #14450: Replace use of Puppet parser functions in ...	Closed	04/04/2016
Blocked by Kafo - Feature #14452: Support running Puppet from /opt/puppetlabs...	Closed	04/04/2016
Blocked by Installer - Feature #14453: Generate Kafo parser cache during build	Closed	04/04/2016
Blocked by Packaging - Refactor #14454: Change foreman-installer/kafo_parsers...	Closed	04/04/2016
Blocked by Installer - Feature #14455: Add foreman_smartproxy provider with d...	Closed	04/04/2016
Blocked by Smart Proxy - Feature #13667: puppet_proxy and puppetca modules lo...	Closed	02/11/2016
Blocked by Kafo - Bug #14568: Default answers for undef parameters stored as ...	Closed	04/11/2016
Blocked by Kafo - Bug #14941: Puppet RUBYLIB set to incorrect modules directo...	Closed	05/06/2016
Blocked by Installer - Bug #14942: puppet group fails when added to foreman u...	Closed	05/06/2016
Blocked by Smart Proxy - Bug #15043: mcollective puppetrun provider can't fin...	Closed	05/13/2016
Blocks Foreman - Tracker #15096: Puppet 5 support	Closed	05/19/2016

History

#1 - 11/19/2014 07:47 AM - Dominic Cleal

- Blocked by Refactor #7858: Replace use of Puppet::Plugin added

#2 - 11/19/2014 07:48 AM - Dominic Cleal

- Blocked by Feature #6254: Puppet 4 parser support added

#3 - 11/19/2014 07:48 AM - Dominic Cleal

- Blocked by Feature #7848: YARD / Puppet Strings support added

#4 - 03/02/2015 04:33 AM - Dominic Cleal

- Related to Bug #9588: foreman-installer should be able to work with puppet enterprise added

#5 - 03/19/2015 04:53 AM - Dominic Cleal

- Blocks Feature #9822: Support Puppet 4 / future parser across all modules added

#6 - 03/25/2015 10:51 AM - The Foreman Bot

- Status changed from New to Ready For Testing

#7 - 03/25/2015 10:58 AM - Dominic Cleal

- Status changed from Ready For Testing to New

#8 - 03/25/2015 11:29 AM - The Foreman Bot

- Status changed from New to Ready For Testing

#9 - 03/25/2015 11:30 AM - Stephen Benjamin

- Status changed from Ready For Testing to New

#10 - 08/28/2015 09:28 AM - Dominic Cleal

- Related to Bug #11599: Parsing environments/manifests in Puppet 4 fails added

#11 - 09/29/2015 07:51 AM - Dominic Cleal

- Blocked by Feature #11992: Support loading Puppet from AIO packages added

#12 - 12/03/2015 02:52 AM - Dominic Cleal

- Blocks deleted (Feature #9822: Support Puppet 4 / future parser across all modules)

#13 - 12/03/2015 02:53 AM - Dominic Cleal

- Blocked by Feature #9822: Support Puppet 4 / future parser across all modules added

#14 - 03/15/2016 07:42 PM - Anonymous

- Related to Feature #4528: Support Facter 2 structured facts added

#15 - 04/04/2016 07:03 AM - Dominic Cleal

- Blocked by Feature #14447: Add serialised cache of parsed manifests added

#16 - 04/04/2016 07:07 AM - Dominic Cleal

- Blocked by Feature #14448: kafo_parsers should support selecting available providers with soft deps added

#17 - 04/04/2016 07:09 AM - Dominic Cleal

- Blocked by Refactor #14449: Hostname check should use Facter binary instead of library added

#18 - 04/04/2016 07:34 AM - Dominic Cleal

- Blocked by Refactor #14450: Replace use of Puppet parser functions in parameter validations added

#19 - 04/04/2016 07:38 AM - Dominic Cleal

- Blocked by Feature #14452: Support running Puppet from /opt/puppetlabs/bin/puppet AIO path added

#20 - 04/04/2016 07:42 AM - Dominic Cleal

- Blocked by Feature #14453: Generate Kafo parser cache during build added

#21 - 04/04/2016 07:48 AM - Dominic Cleal

- Blocked by Refactor #14454: Change foreman-installer/kafo_parsers dependencies to permit Puppet 4 AIO added

#22 - 04/04/2016 07:56 AM - Dominic Cleal

- Blocked by Feature #14455: Add foreman_smartproxy provider with dependencies for AIO added

#23 - 04/04/2016 07:57 AM - Dominic Cleal

- Blocked by Feature #13667: puppet_proxy and puppetca modules load puppet gem in puppet 4.0 and higher environments added

#24 - 04/04/2016 08:04 AM - Dominic Cleal

Summary of the outstanding tasks that I know about, split by project.

Smart proxy

- #13667 - support in the smart proxy to load lists of classes and parameters from the Puppet Server API, instead of needing to load the Puppet library.
  - blocked by #14618 - refactoring of smart proxy plugin configuration

Kafo - the library behind foreman-installer

- #14447 - add a serialised cache to avoid needing to load Puppet parsers
- #14448 - kafo_parsers needs soft dependencies on Puppet
- #14450 - kafo parameter validations shouldn't require Puppet
- #14452 - run Puppet from AIO filesystem paths
- #14568 - parameters with undef default values cause installer failures
- #14659 - puppet help strings errors printed
- #7848 - support puppet-strings (low priority, the cache alleviates the immediate need)
- #7858 - replace Puppet::Plugin (low priority, only progress bar support)
- #14941 - RUBYLIB set incorrectly on Debian AIO installations
- #15105 - progress bar support

Foreman installer

- #14453 - generate serialised cache during build
  - after #14447 in kafo
  - blocked by #14472 - fix kafo-export-params in Debian packages
  - blocked by #14473 - fix UTF-8 reading of manifests on Ruby 1.9.3+
  - blocked by #14729 - loading parser cache fails, should be obsoleted by #14450 when done
  - partially blocked by #14475 - config file migrations, needed to add parser_cache on existing installations
- #14455 - add foreman_smartproxy provider and dependencies for AIO environment
- #14449 - hostname check shouldn't use Facter library (medium priority, harmless error)
- puppet-puppet/#372 - support for Puppet Server 2 auth configs, required for smart proxy PR
- #14454 - change Puppet package dependencies
- #14942 - ordering of puppet group/foreman user setup under AIO
- puppet-foreman_proxy/#251 - update config files to match changes in #13667

Test suite

- foreman-bats/#96 - configure PC1 repos
- foreman-bats/#97 - configure nightly PC1 repos
- foreman-bats/#98 - increase RAM for Puppet Server
- foreman-bats/#101 - fix expired GPG key for nightly repos
- foreman-bats/#104 - update testing modulepath for AIO layout
- foreman-bats/#106 - update ntp module for Puppet 4 compatibility

Tests themselves:

- http://ci.theforeman.org/view/Status/job/systest_foreman_puppet_os/ - default OS packages
- http://ci.theforeman.org/view/Status/job/systest_foreman_puppet_stable/ - Puppet 3.x non-PC1 packages
- http://ci.theforeman.org/view/Status/job/systest_foreman_puppet_pc1/ - release PC1 packages
- http://ci.theforeman.org/view/Status/job/systest_foreman_puppet_nightly/ - nightly PC1 packages

#25 - 04/11/2016 04:28 AM - Dominic Cleal

- Blocked by Bug #14568: Default answers for undef parameters stored as ::module::params::param on Puppet 4 added

#26 - 04/11/2016 06:16 AM - Dominic Cleal

https://copr.fedorainfracloud.org/coprs/domcleal/foreman-puppet-aio/ has some completely unsupported test RPMs with the kafo patches under review. These let foreman-installer run with a Puppet 4 AIO agent. *(Please don't use this! Nightly packages are nearly there now.)*

Ensure rubygem-kafo, rubygem-kafo_parsers and foreman-installer are up to date from that repo when testing, and puppet-agent is installed. Ignore the Facter/fqdn check error on startup (#14449) and the smart proxy registration failure (#14455, or pass --foreman-proxy-register-in-foreman=false). Smart proxy Puppet support remains missing, so class imports etc won't work. There are probably a bunch of other issues, please dive in and fix them.

#27 - 05/06/2016 04:54 AM - Dominic Cleal

- Blocked by Bug #14941: Puppet RUBYLIB set to incorrect modules directory on Debian, errors under AIO added

#28 - 05/06/2016 04:54 AM - Dominic Cleal

- Blocked by Bug #14942: puppet group fails when added to foreman user before puppetserver installation added

#29 - 05/11/2016 04:57 AM - Dominic Cleal

Nightly packages now have support for installation using AIO versions of Puppet 4, with the exception of Ubuntu 16.04 (no puppetserver available until 2.4.0 is out soon).

The PC1 repo must be configured before installing foreman-installer, which will then install puppet-agent and puppetserver (note, this requires >= 3GB RAM). Smart proxy support isn't available yet.

#30 - 05/16/2016 03:10 AM - Dominic Cleal

- Blocked by Bug #15043: mcollective puppetrun provider can't find puppet-agent mco binary added

#31 - 05/19/2016 09:18 AM - Dominic Cleal

- Blocks Tracker #15096: Puppet 5 support added

#32 - 05/20/2016 06:30 AM - Dominic Cleal

- Status changed from New to Closed

- translation missing: en.field_release set to 136

Nightly packages now contain both installer and smart proxy support, which will become Foreman 1.12. Please help by testing nightly packages and release candidates when available.

If you come across a bug, please file a *new* report for it instead of logging it here.

#33 - 05/26/2016 10:21 AM - Dominic Cleal

Upgrading_from_Puppet_3_to_4 contains documentation on performing an upgrade of Puppet 3 to 4 on the same server, updating all of the config files etc.

(At the time of writing I've only lightly tested this on nightlies on EL7, so please edit and improve it, fix mistakes etc!)