

## Foreman - Feature #18553

### Set Puppet 4/5 data types during class import

02/17/2017 11:44 AM - Ben Kevan

<b>Status:</b>	New	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Puppet integration	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	No	<b>Found in Releases:</b>
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		
<b>Description</b>		
This may be a potential feature request rather than a bug but wanted to file as a bug as it's currently causing issues within my new deployment.		
Disclaimer: I'm new to Foreman and puppet 4. I come from a puppet 2.5 environment.		
I've deployed Foreman via AIO. Additionally I've deployed a Puppet Open Source environment independent from Foreman.		
In both environments, I've installed the module puppetlabs-ntp (version 6.0.0).		
In the Foreman environment after assigning the class to a host group, I get the following messages on the client:		
Error: Could not retrieve catalog from remote server: Error 500 on SERVER: Server Error: Evaluation Error: Error while evaluating a Resource Statement, Class[Ntp]:		
parameter 'config' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'config_dir' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'disable_auth' expects a Boolean value, got String		
parameter 'disable_kernel' expects a Boolean value, got String		
parameter 'fudge' expects an Array value, got String		
parameter 'driftpfile' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'leapfile' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'logfile' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'iburst_enable' expects a Boolean value, got String		
parameter 'keys' expects an Array value, got String		
parameter 'keys_enable' expects a Boolean value, got String		
parameter 'keys_file' expects a match for Variant[Stdlib::Windowspath = Pattern[/^(([a-zA-Z]:[\\]) ([\\W][\\W][^\\W]+[\\W][^\\W]+) ([\\W][\\W]?[\\W][^\\W]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+\$/]], got "		
parameter 'keys_controlkey' expects a Ntp::Key_id = Integer[1, 65534] value, got String		
parameter 'keys_requestkey' expects a Ntp::Key_id = Integer[1, 65534] value, got String		
parameter 'keys_trusted' expects an Array value, got String		
parameter 'minpoll' expects a Ntp::Poll_interval = Integer[4, 17] value, got String		
parameter 'maxpoll' expects a Ntp::Poll_interval = Integer[4, 17] value, got String		
parameter 'package_manage' expects a Boolean value, got String		
parameter 'package_name' expects an Array value, got String		
parameter 'panic' expects an Integer value, got String		
parameter 'peers' expects an Array value, got String		
parameter 'preferred_servers' expects an Array value, got String		
parameter 'restrict' expects an Array value, got String		
parameter 'interfaces' expects an Array value, got String		
parameter 'interfaces_ignore' expects an Array value, got String		
parameter 'service_enable' expects a Boolean value, got String		
parameter 'service_manage' expects a Boolean value, got String		
parameter 'stepout' expects an Integer value, got String		

```

parameter 'step_ticksers_file' expects a match for Variant[Stdlib::Windowspath =
Pattern[/^(([a-zA-Z]:[\\])|([\\][\\][\\][^\\]+[\\][^\\]+)|([\\][\\]?[\\][^\\]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+$/]], got "
parameter 'tinker' expects a Boolean value, got String
parameter 'tos' expects a Boolean value, got String
parameter 'tos_minclock' expects an Integer value, got String
parameter 'tos_minsane' expects an Integer value, got String
parameter 'tos_floor' expects an Integer value, got String
parameter 'tos_ceiling' expects an Integer value, got String
parameter 'tos_cohort' expects a value of type Boolean or Integer, got String
parameter 'udlc' expects a Boolean value, got String
parameter 'udlc_stratum' expects an Integer value, got String
parameter 'ntpsigndsocket' expects a match for Variant[Stdlib::Windowspath =
Pattern[/^(([a-zA-Z]:[\\])|([\\][\\][^\\]+[\\][^\\]+)|([\\][\\]?[\\][^\\]+))/], Stdlib::Unixpath = Pattern[/^V([^\0]+(V)?)+$/]], got " on
node

```

I can eliminate the messages by reassigning key types within the smart parameter class. Is there a way to pull in the parameter type from within the module to ensure these are correct? Or am I doing something incorrectly?

As a note this also functions properly within puppet enterprise.

#### Related issues:

Related to Foreman - Bug #18564: Class parameters using module data defaults ...	New	02/20/2017
Related to Foreman - Feature #24419: puppet class - parse and honour puppet 5...	Duplicate	
Has duplicate Foreman - Feature #21813: Puppet import of parameter types in c...	Duplicate	11/30/2017

#### History

##### #1 - 02/18/2017 09:56 AM - Ivan Revchuk

Hello. All

I have the same problem.

As I see, after installed ntp plugin, all NTP Smart Class Parameters mark as override default behavior and value set NILL.

For testing, i disabled all 53 parameters and plugin start work correct.

Please, fix this bug.

##### #2 - 02/20/2017 03:09 AM - Dominic Cleal

- Related to Bug #18564: Class parameters using module data defaults should not have override enabled on import added

##### #3 - 02/20/2017 03:09 AM - Dominic Cleal

- Tracker changed from Bug to Feature
- Subject changed from Parameter Key Type incorrect when importing modules to Set Puppet 4.x data types during class import
- Category set to Puppet integration

Yes, this is a feature request but an advanced one to support all of the known data types.

Ivan, the issue you're describing is different, so I filed it under [#18564](#).

##### #4 - 12/01/2017 01:44 AM - Anonymous

- Has duplicate Feature #21813: Puppet import of parameter types in classes added

##### #5 - 08/07/2018 09:03 AM - Marek Hulán

- Related to Feature #24419: puppet class - parse and honour puppet 5 variable definitions added

##### #6 - 08/07/2018 09:04 AM - Marek Hulán

- Subject changed from Set Puppet 4.x data types during class import to Set Puppet 4/5 data types during class import