Smart Proxy - Bug #2077

Override option checked when a parameter value is a function

12/30/2012 08:40 PM - Alejandro Falcon

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Puppet		
Target version:	1.1		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

OS: Centos 6.3
Puppet version: 2.6.17 from Epel repo
Puppet modules: Example42 modules (https://github.com/example42)
Foreman version: 1.1 RC3 from rpm upgraded from 1.0.1 while keeping existing Mysql DB.

Steps to reproduce:
Import classes from puppet then go to any imported class and go to smart class parameter. All parameters will appear with the override option checked by default.

Note: Classes were imported using the old version first. I've tried importing all classes several times and is having the same issue.

Associated revisions

Revision 4c3b4837 - 01/02/2013 05:25 AM - Ohad Levy

fixes #2077 - proxy should not return nil for parameters with a function call

in cases where puppet has class declaration such as:

```
class xyz($param = myfunction('p'))
```

the proxy would return a that param value is nil.
this patch changes that, so it return it as a string, allowing users to know
that a function call was there, and allow them to override it if they want.

History

#1 - 12/31/2012 01:43 AM - Ohad Levy

- Assignee set to Amos Benari

- Target version set to 1.1

Amos, do you mind taking a look?

#2 - 12/31/2012 07:08 AM - Ohad Levy

- Category set to Puppet integration

OK, digging a bit more into example42 module structure i saw the following

e.g.

```
class xyz($audit_only = params_lookup( 'audit_only' , 'global' ))
```

in this case, the value of the parameter depends on an external function (also common when using hiera).

this would lead foreman puppet parser to tell foreman that the audit_only parameter value is empty, in which, in this case, it would assuming its mandatory and required (as if a parameter with no value would fail a puppet catalog compile).

we can probably do two things

1. remove the code that defines override/required automatically, make it always a user selection
2. let our proxy code detect its a function, and assume a default value is not required.

What do you think?

#3 - 12/31/2012 07:31 AM - Ohad Levy

its actually trivial to fix the proxy to detect its a function, e.g. I can easily say detect:

```
audit_only value is params_lookup("audit_only", "global")
```

should we just do the same as we do with variable references, and put ${params_lookup...} ? without override / require?

#4 - 12/31/2012 09:34 AM - Ohad Levy

- Subject changed from Override option checked by default. to Override option checked when a parameter value is a function

#5 - 12/31/2012 09:34 AM - Ohad Levy

- Project changed from Foreman to Smart Proxy

- Category deleted (Puppet integration)

- Target version deleted (1.1)

#6 - 12/31/2012 09:35 AM - Ohad Levy

- Category set to Puppet

- Assignee deleted (Amos Benari)

- Target version set to 1.1

The smart proxy should not report a nil/null value when a parameter is a function.

I suggest we do something similar to how variables are handled, e.g. ${function(param1,param2..paramn)}

#7 - 12/31/2012 10:55 AM - Ohad Levy

- Status changed from New to Ready For Testing

possible fix at - https://github.com/theforeman/smart-proxy/pull/51

note, if you already had your class imported, at the moment there is no way to mass un-override them all.

if its a test setup, its best to remove the env (from foreman) and re-import it.

#8 - 01/02/2013 05:00 PM - Ohad Levy

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset 4c3b48371ccdbb61c171c7867798ebecfeffebf5.