

Installer - Bug #2342

Installer doesn't recognize OracleLinux as an RHEL based distro

03/19/2013 08:44 PM - Byron Miller

Status: Resolved	
Priority: Normal	
Assignee:	
Category:	
Target version: 1.2.0	
Difficulty: trivial	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
The Installer doesn't recognize OracleLinux as an RHEL based distro and won't install correctly. There are multiple warnings in several install.pp files and a bug in the Yum rep build that causes it to not see it as an "EL" based system.	

Associated revisions

Revision 399eb54c - 04/02/2013 06:18 AM - Byron Miller

fixes #2342 replacing \$operatingsystem with \$osfamily

Revision 8ed1e16b - 04/02/2013 06:37 AM - Byron Miller

fixes #2342 converting to ::osfamily to support redhat based distros

History

#1 - 03/19/2013 09:53 PM - Byron Miller

```
/usr/share/foreman-installer/apache/manifests/install.php
/usr/share/foreman-installer/passenger/manifests/install.pp
/usr/share/foreman-installer/ftpt/manifests/install.pp
```

and

```
/usr/share/foreman-installer/foreman/manifests/install/repos.pp
```

add

"OracleLinux" (case sensitive) to the \$::operatingsystem case statement, or you may be able to switch to "osfamily" which facter sees as RedHat correctly for all redhat based systems (at least for the ones I have)

also need to change this file:

```
/usr/share/foreman-installer/foreman/spec/defines/foreman_install_repos_spec.rb
```

```
context 'on EL' do
  let (:facts) do
    {
      :operatingsystem => 'RedHat',
      :operatingsystemrelease => '6.3'
    }
  end
end
```

to possibly

```
context 'on EL' do
  let (:facts) do
    {
      :osfamily => 'RedHat',
      :operatingsystemrelease => '6.3'
    }
  end
end
```

facter output:

```
[root@puppet defines]# facter | grep RedHat
osfamily => RedHat
```

```
[root@puppet defines]# facter | grep operatingsystem
operatingsystem => OracleLinux
operatingsystemrelease => 6.4
[root@puppet defines]#
```

technically they should all be able to use osfamily should they not to simplify it so you don't need to edit them all?

I tried pulling the foreman git repo, but I couldn't make sense of where these files were. I'll study a bit more and learn some git to submit a patch if needbe and I'll look for other files that may need updating.

#2 - 03/19/2013 10:56 PM - Byron Miller

And I think lastly, this file

`/usr/share/foreman-installer/foreman/manifests/params.pp`

needs to be updated from

```
}
  redhat, centos, Scientific: {
    $puppet_basedir = "/usr/lib/ruby/site_ruby/${ruby_major}/puppet"
    $apache_conf_dir = '/etc/httpd/conf.d'
    $osmajor = regsubst($::operatingsystemrelease, '\..*', '')
    $yumcode = "el${osmajor}"
  }
}
```

to

```
}
  redhat, OracleLinux, centos, Scientific: {
    $puppet_basedir = "/usr/lib/ruby/site_ruby/${ruby_major}/puppet"
    $apache_conf_dir = '/etc/httpd/conf.d'
    $osmajor = regsubst($::operatingsystemrelease, '\..*', '')
    $yumcode = "el${osmajor}"
  }
}
```

#3 - 03/20/2013 05:06 AM - Dominic Cleal

- *Project changed from Foreman to Installer*

#4 - 03/20/2013 05:07 AM - Dominic Cleal

Pull requests to the individual repos is probably the best way forward - you'll find them as puppet-foreman, puppet-apache etc under the GitHub org: <https://github.com/theforeman/>

I'd prefer to move to using \$osfamily, but there's an issue that Debian Squeeze's version of Facter doesn't support it. Maybe we can include the \$osfamily code from here: <https://github.com/puppetlabs/puppetlabs-mysql#description>

#5 - 03/28/2013 10:23 AM - Byron Miller

Is there any problem with putting that \$osfamily code in the init.pp for each module? I see how the structure is now on github and can submit patches to do:

```
class apache {
  if ! $::osfamily {
    case $::operatingsystem {
      'RedHat', 'Fedora', 'CentOS', 'Scientific', 'SLC', 'Ascendos', 'CloudLinux',
      'PSEBM', 'OracleLinux', 'OVS', 'OEL': {
        $osfamily = 'RedHat'
      }
      'ubuntu', 'debian': {
        $osfamily = 'Debian'
      }
      'SLES', 'SLED', 'OpenSuSE', 'SuSE': {
        $osfamily = 'Suse'
      }
      'Solaris', 'Nexenta': {
        $osfamily = 'Solaris'
      }
      default: {
```

```
    $osfamily = $::operatingsystem
  }
}
```

```
include apache::params
  include apache::install
  include apache::config
  include apache::service
}
```

And

```
class apache::install {
  case $::osfamily {
    RedHat: {
      $http_package = 'httpd'
    }
    Debian,Ubuntu: {
      $http_package = 'apache2'
    }
    default: {
      fail("${::hostname}: This module does not support operatingsystem ${::operatingsystem}")
    }
  }
}
```

#6 - 03/28/2013 11:17 AM - Byron Miller

Going to just update to use \$::osfamily for the install.pp's and check that foreman-installer has right version level required to properly set osfamily.

#7 - 04/03/2013 03:42 AM - Dominic Cleal

- Status changed from New to Resolved
- Target version set to 27

This was merged in across all modules, will be released as part of Foreman 1.2. Thanks for the patches!

#8 - 05/10/2013 09:25 AM - Dominic Cleal

- Target version changed from 27 to 1.2.0

#9 - 07/10/2018 02:45 PM - Greg Sutcliffe

- Target version deleted (1.2.0)