

Foreman - Bug #1489

AIX not showing up on Hosts page

02/08/2012 02:36 PM - Jon Whited

Status: Closed	
Priority: Normal	
Assignee:	
Category: Unattended installations	
Target version: 1.4.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description <p>AIX is not showing up on the Hosts page in Foreman 0.4.1. If I look at the Facts view for this host, operatingsystem=AIX. However, I looked at the hosts table in the db and operatingsystem_id is null. Also, AIX does not show up in the operatingsystems table in the db. yaml from facter --yaml from aix 6.1 is attached.</p> <p>I have made an update to my facter to "correctly" set productname, manufacturer, serialnumber, and hardwaremodel. "Model" does show correctly on the Hosts page.</p> <p>Thanks for taking a look.</p>	
Related issues:	
Related to Foreman - Bug #799: AIX "operating system" info not appearing on "...	Duplicate 03/29/2011
Related to Foreman - Feature #2445: Add OS image for AIX	Closed 04/30/2013
Related to Foreman - Bug #4570: AIX Operating System version is shown in a st...	Ready For Testing

Associated revisions

Revision 7e2880b6 - 01/03/2014 02:35 PM - Ruediger Mueck

fixes #1489 - add AIX family and facts importer support

History

#1 - 02/15/2012 04:11 PM - Jon Whited

I did what someone else perhaps has done as a good workaround -- modify the facter fact for operatingsystemrelease since foreman is expecting major.minor

I added this to operatingsystemrelease.rb before the "catch-all" entry at the end.

```
Facter.add(:operatingsystemrelease) do
  confine :operatingsystem => :aix
  setcode 'oslevel | cut -c1-3'
end
```

Then AIX gets added to the database and it shows up correctly on the hosts and statistics pages.

#2 - 02/15/2012 04:27 PM - Jon Whited

Actually, I also had to create app/models/aix.rb. It would not work for provisioning, but it does the job otherwise:

```
class AIX < Operatingsystem

  PXEFILES = {:kernel => "powerpc", :initrd => "initrd"}

  # Override the class representation, as this breaks many rails helpers
  def class
    Operatingsystem
  end

  def pxe_type
    "nim"
  end
end
```

```

end

def pxedir
  "boot/$arch/loader"
end

def url_for_boot(file)
  pxedir + "/" + PXEFILES[file]
end

end

```

#3 - 02/16/2012 02:15 AM - Ohad Levy

great job!
 not 100% sure why would you need to add the Aix OS type, did you get any other errors without it?
 and while we are at it, any chance you want to add an AIX icon? :)

#4 - 02/16/2012 10:04 AM - Jon Whited

Unfortunately, I'm not aware of any copyright free images for AIX. Otherwise, this is a nice one --
http://en.wikipedia.org/wiki/File:IBM-AIX_logo20080906.png :)

Yes, I did get an error without it:

The single-table inheritance mechanism failed to locate the subclass: 'AIX'. This error is raised because the column 'type' is reserved for storing the class in case of inheritance. Please rename this column if you didn't intend it to be used for storing the inheritance class or overwrite `Operatingsystem.inheritance_column` to use another column for that information.

#5 - 10/18/2013 09:03 AM - Benjamin Papillon

- Related to Feature #2445: Add OS image for AIX added

#6 - 10/27/2013 10:46 AM - Ruediger Mueck

Because we are using AIX i also added this to `operatingsystems_helper.rb` (`/usr/share/foreman/app/helpers`)

```

when /gentoo/i
  "Gentoo"
when /SLC/i
  "SLC"
when /AIX/i
  "AIX"
else

```

And in `manifest.yaml` (`/usr/share/foreman/public/assets`)

```

---
AIX.png: AIX.png

```

#7 - 10/30/2013 08:53 AM - Ludovic Dépinoy

Hi,

By using Ruediger Mueck's modifications and patching `/usr/share/foreman/app/services/facts_importer.rb` in Foreman, AIX hosts finally show up on the hosts page. I did not want to directly patch the `operatingsystemrelease` fact because it would be too complicated to manage the facter package upgrade.

Here is the patch :

```

--- facts_importer.rb.old      2013-10-30 09:40:50.000000000 +0100
+++ facts_importer.rb        2013-10-30 09:34:50.000000000 +0100
@@ -28,6 +28,9 @@
     when /sid/i
       orel = "99"
     end
+   elsif os_name[/AIX/i]
+     majoraix, tlaix, spaix, yearaix = orel.split("-")
+     orel = majoraix + "." + tlaix + spaix
   end
   major, minor = orel.split(".")
   major.to_s.gsub!(/\D/, '') unless is_numeric? major

```

#8 - 01/03/2014 02:25 PM - Dominic Cleal

- Description updated
- Category set to *Unattended installations*
- Status changed from *New* to *Ready For Testing*
- Target version set to *1.9.3*
- translation missing: *en.field_release* set to *2*

<https://github.com/theforeman/foreman/pull/999>

#9 - 01/03/2014 03:31 PM - Ruediger Mueck

- Status changed from *Ready For Testing* to *Closed*
- % Done changed from *0* to *100*

Applied in changeset [7e2880b62bc425d6c24272dab2f25f087ba79867](#).

#10 - 03/06/2014 11:52 AM - Dominic Cleal

- Related to Bug #4570: *AIX Operating System version is shown in a strange way.* added

Files

aix.yaml.txt	1.05 KB	02/08/2012	Jon Whited
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