

## Foreman - Bug #15920

### migration CopyUnmanagedHostsToInterfaces may fail on interface conversations when ipv6 migration has not occurred

07/31/2016 03:23 PM - Ohad Levy

<b>Status:</b>	Rejected	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	DB migrations	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b> Nightly
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		
<b>Description</b>		
<pre>== 20150508124600 CopyUnmanagedHostsToInterfaces: migrating ===== -- Migrating Unmanaged Host interfaces to standalone Interfaces -- ... migrating li01.sat.lab.tlv.redhat.com rake aborted! StandardError: An error has occurred, this and all later migrations canceled:  undefined local variable or method `ip6' for #&lt;Nic::Managed:0x0000000f4670a8&gt; Did you mean?  ip                ip=                ip?  .rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/attribute_methods.rb:433:in `method_missing' git/foreman/app/models/nic/interface.rb:94:in `normalize_ip' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:432:in `block in make_lambda' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:164:in `block in halting' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `block in call' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `each' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `call' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:92:in `__run_callbacks__' .rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:778:in `_run_validation_callbacks' .rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/validations/callbacks.rb:113:in `run_validations!' .rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/validations.rb:338:in `valid?' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/validations.rb:58:in `valid?' git/foreman/app/models/concerns/orchestration.rb:77:in `valid?' git/foreman/db/migrate/20150508124600_copy_unmanaged_hosts_to_interfaces.rb:27:in `block in up' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/relation/delegation.rb:46:in `each' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/relation/delegation.rb:46:in `each' git/foreman/db/migrate/20150508124600_copy_unmanaged_hosts_to_interfaces.rb:21:in `up' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:611:in `exec_migration' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:592:in `block (2 levels) in migrate' .rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:591:in `block</pre>		

```
in migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstract/connection_pool.rb:292:in `with_connection'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:590:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:768:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:998:in `block in execute_migration_in_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:1044:in `block in ddl_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstract/database_statements.rb:213:in `block in transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstract/transaction.rb:184:in `within_new_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstract/database_statements.rb:213:in `transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/transactions.rb:220:in `transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:1044:in `ddl_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:997:in `execute_migration_in_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:959:in `block in migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:955:in `each'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:955:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:823:in `up'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:801:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/tasks/database_tasks.rb:137:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/railties/databases.rake:44:in `block (2 levels) in <top (required)>'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `load'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `block in load'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:240:in `load_dependency'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `load'
-e:1:in `'
NameError: undefined local variable or method `ip6' for #<Nic::Managed:0x0000000f4670a8>
Did you mean? ip
               ip=
               ip?
.rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/attribute_methods.rb:433:in `method_missing'
git/foreman/app/models/nic/interface.rb:94:in `normalize_ip'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:432:in `block in make_lambda'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:164:in `block in halting'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `block in call'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `each'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:504:in `call'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:92:in `__run_callbacks__'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/callbacks.rb:778:in `_run_validation_callbacks'
.rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/validations/callbacks.rb:113:in `run_validations!'
```

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.rvm/gems/ruby-2.3.1@foreman/gems/activemodel-4.2.6/lib/active_model/validations.rb:338:in `valid?
'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/validations.rb:58:in `valid
?'
git/foreman/app/models/concerns/orchestration.rb:77:in `valid?'
git/foreman/db/migrate/20150508124600_copy_unmanaged_hosts_to_interfaces.rb:27:in `block in up'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/relation/delegation.rb:46:i
n `each'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/relation/delegation.rb:46:i
n `each'
git/foreman/db/migrate/20150508124600_copy_unmanaged_hosts_to_interfaces.rb:21:in `up'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:611:in `exec_m
igration'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:592:in `block
(2 levels) in migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:591:in `block
in migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstrac
t/connection_pool.rb:292:in `with_connection'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:590:in `migrat
e'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:768:in `migrat
e'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:998:in `block
in execute_migration_in_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:1044:in `block
in ddl_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstrac
t/database_statements.rb:213:in `block in transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstrac
t/transaction.rb:184:in `within_new_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/connection_adapters/abstrac
t/database_statements.rb:213:in `transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/transactions.rb:220:in `tra
nsaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:1044:in `ddl_t
ransaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:997:in `execut
e_migration_in_transaction'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:959:in `block
in migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:955:in `each'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:955:in `migrat
e'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:823:in `up'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/migration.rb:801:in `migrat
e'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/tasks/database_tasks.rb:137
:in `migrate'
.rvm/gems/ruby-2.3.1@foreman/gems/activerecord-4.2.6/lib/active_record/railties/databases.rake:44:
in `block (2 levels) in <top (required)>'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `l
oad'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `b
lock in load'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:240:in `l
oad_dependency'
.rvm/gems/ruby-2.3.1@foreman/gems/activesupport-4.2.6/lib/active_support/dependencies.rb:268:in `l
oad'
-e:1:in `<main>'
Tasks: TOP => db:migrate
(See full trace by running task with --trace)

```

#### Related issues:

Related to Foreman - Refactor #15866: Provide alternative way of migrating da...	<b>New</b>	<b>07/27/2016</b>
Related to Foreman - Feature #14664: Add IPv6 Subnet to Host, Hostgroup and N...	<b>Closed</b>	<b>04/15/2016</b>

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## History

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**#1 - 08/01/2016 02:25 AM - Marek Hulán**

- Related to Refactor #15866: Provide alternative way of migrating data as oposed misuing db:migrate for this purpose added

**#2 - 08/04/2016 02:46 AM - Dominic Cleal**

- Related to Feature #14664: Add IPv6 Subnet to Host, Hostgroup and Nic Models added

**#3 - 08/04/2016 02:46 AM - Dominic Cleal**

- translation missing: en.field\_release set to 160

**#4 - 10/05/2016 05:55 AM - Dominic Cleal**

- translation missing: en.field\_release changed from 160 to 190

**#5 - 10/25/2016 04:13 AM - Dominic Cleal**

- translation missing: en.field\_release changed from 190 to 203

**#6 - 11/25/2016 03:46 AM - Dominic Cleal**

- translation missing: en.field\_release changed from 203 to 207

**#7 - 12/20/2016 04:29 AM - Dominic Cleal**

- Status changed from New to Rejected

- translation missing: en.field\_release deleted (207)

Closing as upgrades across multiple major versions are not supported (particularly one this old), Foreman's database migrations are not developed or tested to work this way.