

## Foreman - Bug #31981

### Operating system information is not being updated

03/01/2021 03:16 PM - Marcel Fuhrmann

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> No	<b>Found in Releases:</b> 2.0.0
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
Operating system property does not get an update through Puppet agent run.	
I've upgraded a Debian 9 system to Debian 10 and Foreman does not update the information in the operating system property. Also when waiting for multiple days.	
<a href="https://community.theforeman.org/t/operating-system-information-is-outdated">https://community.theforeman.org/t/operating-system-information-is-outdated</a>	

#### History

##### #1 - 03/01/2021 03:58 PM - Marcel Fuhrmann

- Description updated

- Found in Releases 2.0.0 added

##### #2 - 09/06/2021 08:09 PM - Corporate Gadfly

Curious if this issue is on anyone's radar?

##### #3 - 11/16/2021 11:57 AM - Alex Fisher

I think I've hit the same bug. In my case a Solaris 11.3 host that was upgraded to 11.4

The backtrace I've captured shows that the fact processing bails out due to some issue with duplicate IP addresses.

```
2021-11-16T11:16:08 [I|app|84e01d4c] Started POST "/api/hosts/facts" for REDACTED at 2021-11-16 11:16:08 +0000
2021-11-16T11:16:08 [I|app|84e01d4c] Processing by Api::V2::HostsController#facts as JSON
2021-11-16T11:16:08 [I|app|84e01d4c] Parameters: {"facts"=>[FILTERED], "name"=>"REDACTED.co.uk", "certname"
=>"REDACTED.co.uk", "apiv"=>"v2", "host"=>{"certname"=>"REDACTED.co.uk", "name"=>"REDACTED.co.uk"}}
2021-11-16T11:16:09 [I|app|84e01d4c] Import facts for 'REDACTED.co.uk' completed. Added: 0, Updated: 88, Delet
ed 5 facts
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Saving lo0 NIC for host REDACTED.co.uk failed, skipping because:
2021-11-16T11:16:09 [W|app|84e01d4c] IP address has already been taken
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Not queueing Nic::Managed: ["IP address has already been taken"]
2021-11-16T11:16:09 [W|app|84e01d4c] Action failed
2021-11-16T11:16:09 [I|app|84e01d4c] Backtrace for 'Action failed' error (ActiveRecord::RecordInvalid): Valida
tion failed: IP address has already been taken
84e01d4c | /opt/foreman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/validations.rb
:80:in `raise_validation_error'
84e01d4c | /opt/foreman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/validations.rb
:53:in `save!'
84e01d4c | /opt/foreman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/transactions.r
b:318:in `block in save!'
84e01d4c | /opt/foreman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/transactions.r
b:375:in `block in with_transaction_returning_status'
84e01d4c | /opt/foreman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/connection_ada
```

```
pters/abstract/database_statements.rb:280:in `block in transaction'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/connection_adapters/abstract/transaction.rb:280:in `block in within_new_transaction'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/concurrency/load_interlock_aware_monitor.rb:26:in `block (2 levels) in synchronize'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/concurrency/load_interlock_aware_monitor.rb:25:in `handle_interrupt'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/concurrency/load_interlock_aware_monitor.rb:25:in `block in synchronize'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/concurrency/load_interlock_aware_monitor.rb:21:in `handle_interrupt'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/concurrency/load_interlock_aware_monitor.rb:21:in `synchronize'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/connection_adapters/abstract/transaction.rb:278:in `within_new_transaction'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/connection_adapters/abstract/database_statements.rb:280:in `transaction'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/transactions.rb:212:in `transaction'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/transactions.rb:366:in `with_transaction_returning_status'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/transactions.rb:318:in `save!'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/suppressor.rb:48:in `save!'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:549:in `block in update_virtuals'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/relation/delegation.rb:87:in `each'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/relation/delegation.rb:87:in `each'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:544:in `update_virtuals'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:525:in `set_interface'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:196:in `block in set_interfaces'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:193:in `each'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:193:in `set_interfaces'
84e01d4c | /usr/share/foreman/app/models/host/base.rb:160:in `populate_fields_from_facts'
84e01d4c | /usr/share/foreman/app/models/host/managed.rb:505:in `populate_fields_from_facts'
84e01d4c | /usr/share/foreman/app/models/concerns/puppet_host_extensions.rb:3:in `populate_fields_from_facts'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:50:in `block (2 levels) in parse_facts'
84e01d4c | /usr/share/foreman/app/services/foreman/telemetry_helper.rb:27:in `telemetry_duration_histogram'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:49:in `block in parse_facts'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:90:in `block in skipping_orchestration'
84e01d4c | /usr/share/foreman/app/models/concerns/orchestration.rb:124:in `without_orchestration'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:89:in `skipping_orchestration'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:45:in `parse_facts'
84e01d4c | /usr/share/foreman/app/services/host_fact_importer.rb:34:in `import_facts'
84e01d4c | /usr/share/foreman/app/controllers/api/v2/hosts_controller.rb:312:in `facts'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/abstract_controller/base.rb:195:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/rendering.rb:30:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:42:in `block in process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:112:in `block in run_callbacks'
84e01d4c | /usr/share/foreman/app/controllers/concerns/foreman/controller/timezone.rb:10:in `set_timezone'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
84e01d4c | /usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
84e01d4c | /usr/share/foreman/app/controllers/concerns/foreman/controller/topbar_sweeper.rb:12:in `set_topbar_sweeper_controller'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/audited-4.9.0/lib/audited/sweeper.rb:14:in `around'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/audited-4.9.0/lib/audited/sweeper.rb:14:in `around'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:139:in `run_callbacks'
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84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:41:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/rescue.rb:22:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/instrumentation.rb:33:in `block in process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/notification_s.rb:180:in `block in instrument'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/notification_s/instrumenter.rb:24:in `instrument'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/notification_s.rb:180:in `instrument'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/instrumentation.rb:32:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal/params_wrapper.rb:245:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/railties/controller_runtime.rb:27:in `process_action'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/abstract_controller/base.rb:136:in `process'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionview-6.0.3.7/lib/action_view/rendering.rb:39:in `process'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal.rb:190:in `dispatch'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_controller/metal.rb:254:in `dispatch'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/route_set.rb:50:in `dispatch'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/route_set.rb:33:in `serve'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/mapper.rb:18:in `block in <class:Constraints>'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/mapper.rb:48:in `serve'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/journey/router.rb:49:in `block in serve'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/journey/router.rb:32:in `each'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/journey/router.rb:32:in `serve'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/routing/route_set.rb:834:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-dsl-2.4.0/lib/apipie_dsl/static_dispatcher.rb:67:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.5.17/lib/apipie/static_dispatcher.rb:66:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.5.17/lib/apipie/extractor/recorder.rb:137:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/static.rb:126:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/static.rb:126:in `call'
84e01d4c | /usr/share/foreman/lib/foreman/middleware/telemetry.rb:10:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.5.17/lib/apipie/middleware/checksum_in_headers.rb:27:in `call'
84e01d4c | /usr/share/foreman/lib/foreman/middleware/catch_json_parse_errors.rb:9:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/tempfile_reaper.rb:15:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/etag.rb:27:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/conditional_get.rb:40:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/head.rb:12:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/http/content_security_policy.rb:18:in `call'
84e01d4c | /usr/share/foreman/lib/foreman/middleware/logging_context_session.rb:22:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/session/abstract/id.rb:266:in `context'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/session/abstract/id.rb:260:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/cookies.rb:648:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/cable_backs.rb:27:in `block in call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/callbacks.rb:101:in `run_callbacks'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/cable_backs.rb:26:in `call'
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84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/act
ionable_exceptions.rb:18:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/deb
ug_exceptions.rb:32:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/sho
w_exceptions.rb:33:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/railties-6.0.3.7/lib/rails/rack/logger.rb:37:in `call
_app'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/railties-6.0.3.7/lib/rails/rack/logger.rb:28:in `call
'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/sprockets-rails-3.2.1/lib/sprockets/rails/quiet_asset
s.rb:13:in `call'
84e01d4c | /usr/share/foreman/lib/foreman/middleware/logging_context_request.rb:11:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/rem
ote_ip.rb:81:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/req
uest_id.rb:27:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/method_override.rb:24:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/runtime.rb:22:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/cache/strate
gy/local_cache_middleware.rb:29:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/exe
cutor.rb:14:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/sta
tic.rb:126:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/sendfile.rb:110:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/hos
t_authorization.rb:76:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/secure_headers-6.3.0/lib/secure_headers/middleware.rb
:11:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/railties-6.0.3.7/lib/rails/engine.rb:527:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/railties-6.0.3.7/lib/rails/railtie.rb:190:in `public_
send'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/railties-6.0.3.7/lib/rails/railtie.rb:190:in `method_
missing'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/urlmap.rb:74:in `block in call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in `each'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/configuration.rb:249:in `call'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/request.rb:77:in `block in handle
_request'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/thread_pool.rb:338:in `with_force
_shutdown'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/request.rb:76:in `handle_request'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/server.rb:438:in `process_client'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/puma-5.3.2/lib/puma/thread_pool.rb:145:in `block in s
pawn_thread'
84e01d4c | /opt/theforeman/tfm/root/usr/share/gems/gems/logging-2.3.0/lib/logging/diagnostic_context.rb:474:i
n `block in create_with_logging_context'
2021-11-16T11:16:09 [I|app|84e01d4c] Rendering api/v2/errors/standard_error.json.rabl within api/v2/layouts/e
rror_layout
2021-11-16T11:16:09 [I|app|84e01d4c] Rendered api/v2/errors/standard_error.json.rabl within api/v2/layouts/e
rror_layout (Duration: 5.5ms | Allocations: 5456)
2021-11-16T11:16:09 [I|app|84e01d4c] Completed 500 Internal Server Error in 1545ms (Views: 11.4ms | ActiveReco
rd: 470.5ms | Allocations: 466353)

```

I'm wondering if this is because my host is reporting 2 (presumably unconfigured) interfaces with the same IP address (0.0.0.0) ??

```

root@host # facter --show-legacy -p | grep network_
network_lo0 => 127.0.0.0
network_net0 => 10.0.0.42
network_net1 => 0.0.0.0
network_net2 => 0.0.0.0

```

I'm currently on Foreman 2.4.3 and the puppet agent on the host is 5.5.21 with facter 3.11.14. (Before it was upgraded to Solaris 11.4 the puppet/facter versions were also much older, so the networking facts reported were quite possibly significantly different.)