

Arvados - Bug #15225

[API] installation gives error: Creating git_internal_dir "...mkdir: cannot create directory ": No such file or directory

05/13/2019 07:45 PM - Nico César

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Ward Vandewege	% Done:	100%
Category:	API	Estimated time:	0.00 hour
Target version:	2019-05-22 Sprint		
Description			
<pre>9tee4:/home/nico# apt-get install arvados-api-server Reading package lists... Done Building dependency tree Reading state information... Done arvados-api-server is already the newest version (1.3.3.20190513140112-8). 0 upgraded, 0 newly installed, 0 to remove and 144 not upgraded. 1 not fully installed or removed. After this operation, 0 B of additional disk space will be used. Do you want to continue? [Y/n] Setting up arvados-api-server (1.3.3.20190513140112-8) ... Assumption: nginx is configured to serve Rails from /var/www/arvados-api/current Assumption: nginx and passenger run as www-data Creating symlinks to configuration in /etc/arvados/api done. Running bundle install... done. Ensuring directory and file permissions done. Running db:migrate...Defaulting to memory cache, because /var/www/arvados-api/current/tmp/cache ow ner (uid=33) is not me (uid=0) DEPRECATION WARNING: `config.serve_static_files` is deprecated and will be removed in Rails 5.1. Please use `config.public_file_server.enabled = false` instead. (called from block in <top (required)> at /var/www/arvados-api/current/config/environments/produc tion.rb:12) done. Checking application.yml for completeness...Defaulting to memory cache, because /var/www/arvados-a pi/current/tmp/cache owner (uid=33) is not me (uid=0) DEPRECATION WARNING: `config.serve_static_files` is deprecated and will be removed in Rails 5.1. Please use `config.public_file_server.enabled = false` instead. (called from block in <top (required)> at /var/www/arvados-api/current/config/environments/produc tion.rb:12) done. Precompiling assets... done. Creating git_internal_dir "...mkdir: cannot create directory ': No such file or directory failed. dpkg: error processing package arvados-api-server (--configure): subprocess installed post-installation script returned error exit status 1 Errors were encountered while processing: arvados-api-server E: Sub-process /usr/bin/dpkg returned an error code (1)</pre>			
Related issues:			
Related to Arvados - Story #13996: [API] Migrate RailsAPI to new cluster conf...		Resolved	03/26/2019
Related to Arvados - Bug #15161: Dev clusters are failing: uninitialized cons...		Resolved	04/30/2019

Associated revisions

Revision ab4fabf3 - 05/14/2019 02:23 PM - Ward Vandewege

Fix the api server package postinstall script to use `rake config:dump` to get a value, rather than `rake config:check` which no longer produces output.

closes #15225

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <wvandewege@veritasgenetics.com>

Revision b4eff2bc - 05/14/2019 04:37 PM - Ward Vandewege

Bump the rails package iteration to 9, for the packaging fix in commit b4fabf39c7cb1c48a2ba09ba2f45da45b6c4574

refs #15225

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <wvandewege@veritasgenetics.com>

History

#1 - 05/13/2019 07:47 PM - Nico César

```
9tee4:/var/www/arvados-api/current# bundle exec rake config:check
rake aborted!
API.RailsSessionSecretToken cannot be empty
/var/www/arvados-api/current/lib/config_loader.rb:118:in `block in coercion_and_check'
/var/www/arvados-api/current/lib/config_loader.rb:80:in `each'
/var/www/arvados-api/current/lib/config_loader.rb:80:in `coercion_and_check'
/var/www/arvados-api/current/config/arvados_config.rb:222:in `'
/var/www/arvados-api/current/config/application.rb:48:in `require_relative'
/var/www/arvados-api/current/config/application.rb:48:in `'
/var/www/arvados-api/current/config/application.rb:44:in `'
/var/www/arvados-api/current/config/application.rb:43:in `'
/var/www/arvados-api/current/Rakefile:9:in `require'
/var/www/arvados-api/current/Rakefile:9:in `'
/var/www/arvados-api/shared/vendor_bundle/ruby/2.3.0/gems/rake-12.3.2/exe/rake:27:in `'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli/exec.rb:75:in `load'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli/exec.rb:75:in `kernel_load'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli/exec.rb:28:in `run'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli.rb:424:in `exec'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/vendor/thor/lib/thor/command.rb:27:in `run'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/vendor/thor/lib/thor/invocation.rb:126:in `invoke_command'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/vendor/thor/lib/thor.rb:387:in `dispatch'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli.rb:27:in `dispatch'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/vendor/thor/lib/thor/base.rb:466:in `start'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/cli.rb:18:in `start'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/exe/bundle:30:in `block in <top (required)>'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/lib/bundler/friendly_errors.rb:122:in `with_friendly_errors'
/usr/local/rvm/gems/ruby-2.3.5@global/gems/bundler-1.16.1/exe/bundle:22:in `'
/usr/local/rvm/gems/ruby-2.3.5@global/bin/bundle:22:in `load'
/usr/local/rvm/gems/ruby-2.3.5@global/bin/bundle:22:in `'
/usr/local/rvm/gems/ruby-2.3.5/bin/ruby_executable_hooks2.1:15:in `eval'
/usr/local/rvm/gems/ruby-2.3.5/bin/ruby_executable_hooks2.1:15:in `'
(See full trace by running task with --trace)
```

#2 - 05/13/2019 08:48 PM - Nico César

- Project changed from OPS to Arvados
- Subject changed from [API] [9tee4] installation gives error: Creating git_internal_dir "...mkdir: cannot create directory ": No such file or directory to [API] installation gives error: Creating git_internal_dir "...mkdir: cannot create directory ": No such file or directory
- Category set to API
- Target version set to To Be Groomed

I fixed RailsSessionSecretToken and other missing mandatory configuration

but I still get:

```
apt-get install arvados-api-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
arvados-api-server is already the newest version (1.3.3.20190513140112-8).
0 upgraded, 0 newly installed, 0 to remove and 143 not upgraded.
1 not fully installed or removed.
```

After this operation, 0 B of additional disk space will be used.

Do you want to continue? [Y/n]

Setting up arvados-api-server (1.3.3.20190513140112-8) ...

Assumption: nginx is configured to serve Rails from
/var/www/arvados-api/current

Assumption: nginx and passenger run as www-data

Creating symlinks to configuration in /etc/arvados/api done.

Running bundle install... done.

Ensuring directory and file permissions done.

Running db:migrate...Defaulting to memory cache, because /var/www/arvados-api/current/tmp/cache owner (uid=33)
is not me (uid=0)

DEPRECATION WARNING: `config.serve_static_files` is deprecated and will be removed in Rails 5.1.

Please use `config.public_file_server.enabled = false` instead.

(called from block in <top (required)> at /var/www/arvados-api/current/config/environments/production.rb:12)
done.

Checking application.yml for completeness...Defaulting to memory cache, because /var/www/arvados-api/current/t
mp/cache owner (uid=33) is not me (uid=0)

DEPRECATION WARNING: `config.serve_static_files` is deprecated and will be removed in Rails 5.1.

Please use `config.public_file_server.enabled = false` instead.

(called from block in <top (required)> at /var/www/arvados-api/current/config/environments/production.rb:12)
done.

Precompiling assets... done.

Creating git_internal_dir '...'...mkdir: cannot create directory '': No such file or directory
failed.

dpkg: error processing package arvados-api-server (--configure):
subprocess installed post-installation script returned error exit status 1

Errors were encountered while processing:

arvados-api-server

E: Sub-process /usr/bin/dpkg returned an error code (1)

and this is because of

```
GIT_INTERNAL_DIR=$(COMMAND_PREFIX bundle exec rake config:check 2>&1 | grep git_internal_dir | awk '{ print $2 }')
```

git_internal_dir is not output of rake config:check anymore

why we do this in the postinst script of API server? should arvados-git-httpd handle this?

#4 - 05/14/2019 02:05 PM - Ward Vandewege

Nico César wrote:

```
9tee4:/var/www/arvados-api/current# bundle exec rake config:check  
rake aborted!  
API.RailsSessionSecretToken cannot be empty
```

...

You just need to specify the rails environment, no?

```
RAILS_ENV=production bundle exec rake config:check
```

#5 - 05/14/2019 02:06 PM - Ward Vandewege

Nico César wrote:

```
git_internal_dir is not output of rake config:check anymore
```

It looks like the semantics of rake config:check changed, it doesn't generate any output anymore. It used to print out the entire config. Bug?

This happened in [0cd5f7190f](#) by Lucas

#6 - 05/14/2019 02:23 PM - Ward Vandewege

- Related to Story #13996: [API] Migrate RailsAPI to new cluster config file added

#7 - 05/14/2019 02:24 PM - Ward Vandewege

- Status changed from New to In Progress

- Assigned To set to Ward Vandewege

- Target version changed from *To Be Groomed* to *2019-05-22 Sprint*

#8 - 05/14/2019 02:26 PM - Ward Vandewege

- Status changed from *In Progress* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [arvadoslab4fabf39c7cb1c48a2ba09ba2f45da45b6c4574](#).

#9 - 05/14/2019 03:55 PM - Tom Morris

- Related to Bug #15161: Dev clusters are failing: uninitialized constant *ArInternalMetadatum* (*NameError*) added

#10 - 05/21/2019 10:27 PM - Tom Morris

- Release set to 15