

Arvados - Bug #17428

[deployment] arvados-api-server fails to re-install/upgrade if the postgresql-client and the server versions differ

02/25/2021 10:02 PM - Javier Bértoli

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:	Deployment	Estimated time:	0.00 hour
Target version:			
Description			

History

#1 - 02/25/2021 10:17 PM - Javier Bértoli

- Target version set to *To Be Groomed*

- Category set to *Deployment*

- Subject changed from *[deployment] arvados-api-server* to *[deployment] arvados-api-server fails to re-install/upgrade if the postgresql-client and the server versions differ*

When re-installing/upgrading the arvados-api-server package, it tries to perform a postgresql database dump as part of its rake tasks. However, if the pg_dump and postgresql server versions differ, it aborts with an error like this one

```
Unpacking arvados-controller (2.1.2-1) ...
Setting up arvados-api-server (2.1.2-1) ...
...
Running bundle install... done.
Ensuring directory and file permissions ..... done.
Running db:migrate...
...
pg_dump: server version: 11.8; pg_dump version: 10.15 (Ubuntu 10.15-0ubuntu0.18.04.1)
pg_dump: aborting because of server version mismatch
rake aborted!
failed to execute:
pg_dump -s -x -O -f /var/www/arvados-api/current/db/structure.sql rch01_arvados
```

Please check the output above for any errors and make sure that `pg_dump` is installed in your PATH and has proper permissions.

This issue does not seem to happen on a fresh install.

I had this issue on an Ubuntu 18.04 api server (which has postgresql-client version 10.5) and an AWS-RDS database version 11.8.

#2 - 07/06/2021 09:08 PM - Peter Amstutz

- Target version deleted (*To Be Groomed*)