

**FAILING
SUCCESSFULLY**



```
→ git show 4dbb8ec
commit 4dbb8ecac4fec4c34fc7c99a35e435c15d961aa9
Author: David Lohle <Proplex@github>
Approved-By: James Hunt <jhunt@github>
Approved-By: Dennis J. Bell <dennisjbell@github>
Approved-By: Patrick T. Jones <patrick1378@github>
Date: Wed Jul 25 15:50:05 2018 -0400
```

Upgrade CF components to newer versions (#30)

**Upgrade kit to release-equivalency of
cf-deployment v1.40, includes:**

- **Diego now uses mTLS for communication.**
- **CAPI now supports IAM Service Accounts when authenticating with Google Cloud Storage**
- **Scalable Syslog is now used, allowing multiple VMs to handle log output.**



except...



McGowan
(actual DMV photo)

```
→ psql -U vcap diegodb
psql (9.5.1)
Type "help" for help.
```

```
diegodb=# \d
No relations found.
```

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psql (9.5.1)
Type "help" for help.
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diegodb=# \d
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lolwut?

```
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Type "help" for help.
```

```
diegodb=# \d
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```

```
→ psql -U vcap locketdb
psql (9.5.1)
Type "help" for help.
```

```
locketdb=# \d
No relations found.
```

```
→ psql -U vcap diegodb  
psql (9.5.1)  
Type "help" for help.
```

```
diegodb=# \d  
No relations found.
```

```
→ psql -U vcap locketdb  
psql (9.5.1)  
Type "help" for help.
```

```
locketdb=# \d  
No relations found.
```

uhh....



```
→ psql -U vcap postgres
psql (9.5.1)
Type "help" for help.
```

```
postgres=# \d
              List of relations
 Schema |      Name      | Type | Owner
-----+-----+-----+-----+
 public | actual_lrps   | table | diegoadmin
 public | configurations | table | diegoadmin
 public | desired_lrps  | table | diegoadmin
 public | domains       | table | diegoadmin
 public | locks          | table | locketadmin
 public | tasks          | table | diegoadmin
(6 rows)
```

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 public | locks        | table   | locketadmin
 public | tasks        | table   | diegoadmin
(6 rows)
```

we really screwed up

```
→ git show 4dbb8ec
```

... some liberties taken with diff output ...

```
@@ -32,14 +43,51 @@ instance_groups:  
    #no ssl to the sql backend  
    db_driver: (( grab params.diegodb_scheme ))  
    max_open_connections: 500  
-   db_connection_string: (( grab params.diegodb_connection_string ))  
+   db_port:      (( grab params.diegodb_port ))  
+   db_schema:    (( grab params.diegodb_scheme ))  
+   db_host:      (( grab params.diegodb_host ))  
+   db_password:  (( grab params.diegodb_password ))  
+   db_username:  (( grab params.diegodb_user ))
```

we all failed

```
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```

Upgrade CF components to newer versions (#30)

Upgrade kit to release-equivalency of

**possible
responses**

possible responses

- 1) Give up
- 2) CI/CD Tests!
- 3) Apologize, Try Harder

possible responses

- 1) ***Give up***
- 2) **CI/CD Tests!**
- 3) Apologize, Try Harder

possible responses

- 1) ***Give up***
- 2) ***CI/CD Tests!***
- 3) ***Apologize, Try Harder***

**Failure is normal,
inevitable,
okay.**



Introducing:

Introducing: **Genesis Migration Processes**

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<https://genesisproject.io/docs/migrations/gmp-cf-0001>

GMP-CF-0001 - DATABASE SCHEME FIX MIGRATION

[Overview](#)

[Analysis](#)

[Impact](#)

[The Process](#)[Standalone Local PostgreSQL](#)[Highly-Available Local PostgreSQL](#)[External PostgreSQL](#)[External MySQL](#)

[Help & Support](#)

Overview

We recently discovered an issue affecting versions 1.1.0, 1.1.1 and 1.1.2 of the Genesis Cloud Foundry Kit. Locket and Diego were incorrectly configured to place their tables in the `postgres` database, instead of their dedicated `locketdb` and `diegodb` databases.

While this does not affect day-to-day operation of Cloud Foundry, we still see this an issue that needs to be corrected as soon as possible.

Please note that although your PostgreSQL instance may already contain `locketdb` and `diegodb` databases, they are empty and unused. All tables that should be in those databases were instead created in the `postgres` database.

Analysis

A major rewrite of internal Genesis YAML occurred for the 1.1.0 kit release, as

File a public Github Issue

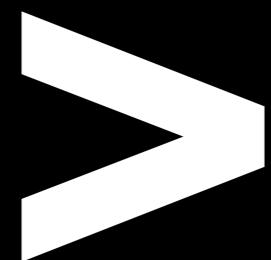
Fix the Mistake

Write a GMP

Announce via Release Notes

Help Customers

**great
customer
service**



**never
making
mistakes**

Thoughts?

