

UNLOCK THE DEPLOYMENT LOCK IN BOSH

INTRODUCTION

BOSH has a lock over each deployment - you can only perform one deployment per deployment name at a time. So if you cannot cancel a task that has locked a deployment, then you cannot perform a subsequent task.

Look at this. When we tried to recreate the VM, we had hit a lock.

```
ubuntu@pivotal-ops-manager:~$  
ubuntu@pivotal-ops-manager:~$ bosh recreate diego_cell-partition-9347e51aelbcd1c6e6c8 0 --force  
Acting as user 'director' on deployment 'cf-50184f384fb7d8938e8e' on 'p-bosh-ec37a9f7501275dec348'  
RSA 1024 bit CA certificates are loaded due to old openssl compatibility  
You are about to recreate diego_cell-partition-9347e51aelbcd1c6e6c8/0  
  
Detecting deployment changes  
-----  
Recreate diego_cell-partition-9347e51aelbcd1c6e6c8/0? (type 'yes' to continue): yes  
Performing 'recreate diego_cell-partition-9347e51aelbcd1c6e6c8/0'...  
  
Director task 1911  
Error 100: Redis lock lock:deployment:cf-50184f384fb7d8938e8e is acquired by another thread  
  
Task 1911 error  
  
For a more detailed error report, run: bosh task 1911 --debug
```

Go ahead and get started.

LOGIN TO BOSH DIRECTOR VM

From Ops Manager: ssh [vcap@3.3.89.13](https://3.3.89.13)

```
Using username "vcap".  
Unauthorized use is strictly prohibited. All access and activity  
is subject to logging and monitoring.  
Welcome to Ubuntu 14.04.5 LTS (GNU/Linux 3.19.0-66-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com/  
Last login: Thu Oct 20 15:55:08 UTC 2016 from 3.3.91.79 on pts/0  
Last login: Thu Oct 20 18:43:12 2016 from 3.44.221.214  
vcap@b1f1867a-8bfd-4f64-4116-2ad1f5a30482:~$ sudo su  
[sudo] password for vcap:
```

EXPORT REDIS BIN PATH

➤ /home/vcap# export PATH=\$PATH:/var/vcap/packages/redis/bin

```
root@b1f1867a-8bfd-4f64-4116-2ad1f5a30482:/home/vcap#  
root@b1f1867a-8bfd-4f64-4116-2ad1f5a30482:/home/vcap# export PATH=$PATH:/var/vcap/packages/redis/bin
```

LOGIN REDIS CLI

➤ /home/vcap# redis-cli -p 25255 -a redis

```
root@b1f1867a-8bfd-4f64-4116-2ad1f5a30482:/home/vcap# export PATH=$PATH:/var/vcap/packages/redis/bin  
root@b1f1867a-8bfd-4f64-4116-2ad1f5a30482:/home/vcap# redis-cli -p 25255 -a redis
```

CHECK FOR LOCKS

- keys "lock:*

Upon password prompt, provide redis password.

- AUTH <redis_password>

```
root@b1f1867a-8b1d-4f64-4116-2ad1f5a30482:/home/vcap# redis-cli -p 25255 -a redis
127.0.0.1:25255> keys "lock:*"
(error) NOAUTH Authentication required.
127.0.0.1:25255> AUTH fbfb883ca3a0917ed5fd
OK
127.0.0.1:25255> keys "lock:*"
1) "lock:deployment:cf-50184f384fb7d8938e8e"
127.0.0.1:25255> █
```

DELETE LOCK

- del <lock>

```
127.0.0.1:25255> keys "lock:*"
1) "lock:deployment:cf-50184f384fb7d8938e8e"
127.0.0.1:25255> del lock:deployment:cf-50184f384fb7d8938e8e
(integer) 1
127.0.0.1:25255> █
```

CONCLUSION