**README!**

We have written a script in Terraform to set up carlsmed’s infrastructure on AWS ECS.

Below are commands in Terraform to change directories and execution of script:

1. **terraform -chdir=./terraform-final-oregon init**  
   We use this command to change the directory. Here, in the above command **terraform-final-oregon** is the name of the directory. **init** is used to initialize.
2. **terraform -chdir=./terraform-final-oregon apply**  
   We use this command to apply the changes that have been made.
3. After running apply command, it will ask for some input from user.
4. Below are the inputs:
   1. First of all it will ask you for **var.cname\_record\_name.** Here you need to enter the CNAME you’re going to create in Route53 Record. Your FQDN is **test-executivedrive.com** and thus, the CNAME would be like i.e. **abc.test-executivedrive.com**. The zone for this domain has already been created in AWS.
   2. Then it will ask for **var.db\_pass.** DB Password would be the password of the database to be connected to. As we are not storing it into any files, so user need to give it at run-time.
   3. Then it will ask for **var.domain\_name.** It is for the ACM certificate domain name. So it should be same like your CNAME i.e. **abc.test-executivedrive.com**
   4. Then it will ask you for **var.hosted\_zone\_name.** It is the Hosted zone already created in AWS. In our case it is **test-executivedrive.com**

**To Change the SSM and other variable, Below are files where you need to change**

* **variables.tf:** In this file, you can change AWS region, ECS cluster name, port etc.
* **ssm.tf :** To add/ change SSM variables, you have to make make changes in this file.
* **app.json.tpl:** After adding new values in **ssm.tf** you have to change or add the values in this in **“secrets”** block.:q