

CCA (ColdBox Cloud App)



About George Murphy:



- Working with ColdFusion since version 4.5
- Consultant
- Love blending and leveraging multiple technologies
- Software Design Engineer/Manager



Material Covered Today

- How to deploy a running ColdFusion App to Digital Ocean
- What technologies are needed
- First look at a simple setup
- Time permitting look at a complex setup



Material not covered today

- How to use Docker & CommandBox
- Only Deploying to Digital Ocean



Technologies Used

- Terraform
- Docker
- CommandBox



Prerequisites

- Digital Ocean Account
- Download and Install Docker
- Download Terraform
- Digital Ocean API Token
- SSH Key Public Key for Digital Ocean
- Clone Git Project
- Run box install in app folder



Prerequisites

- Duplicate file terraform.tfvars.sample
- Rename file to terraform.tfvars
- Add Key: do_token
- Add Key: ssh_key_fingerprint
- Add Key: ssh_private_key
- Add Key: admin_allowed_ip_list
- Add Key: admin_password



Deploy App to Digital Ocean

- terraform init
- terraform validate
- terraform plan
- terraform apply –auto-approve



Remove App from Digital Ocean

- terraform destroy –auto-approve



**Do you have
any questions?**



Some awesome resources

- Digital Ocean Account

<https://cloud.digitalocean.com/registrations/new>

- Docker Community Edition for Windows

<https://store.docker.com/editions/community/docker-ce-desktop-windows>

Docker Toolbox overview

<https://docs.docker.com/toolbox/overview/>



Some awesome resources

- Terraform

<https://www.terraform.io/downloads.html>

- Digital Ocean API Token

<https://www.digitalocean.com/docs/api/create-personal-access-token/>

SSH Key for Digital Ocean

<https://www.digitalocean.com/docs/droplets/how-to/add-ssh-keys/>



Some awesome resources

- Git Repository

<https://github.com/murpg/cca-simple>

- CommandBox Tutorial

<https://commandbox.ortusbooks.com/getting-started-guide>



Contact me



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