

Running the Plone CMS on AWS

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IndyPy Python Web Conf 2019

Who are these guys?



**Beautiful Unique
Snowflakes are not
reproducible.**

A black and white photograph of two cats sleeping together. One cat is light-colored and the other is dark-colored, possibly black or dark brown. They are nestled close to each other, with their heads touching. The background is a soft, out-of-focus light.

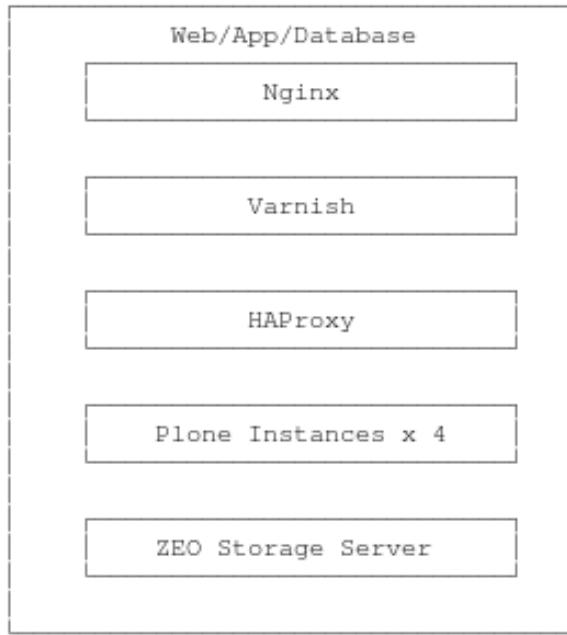
Pets



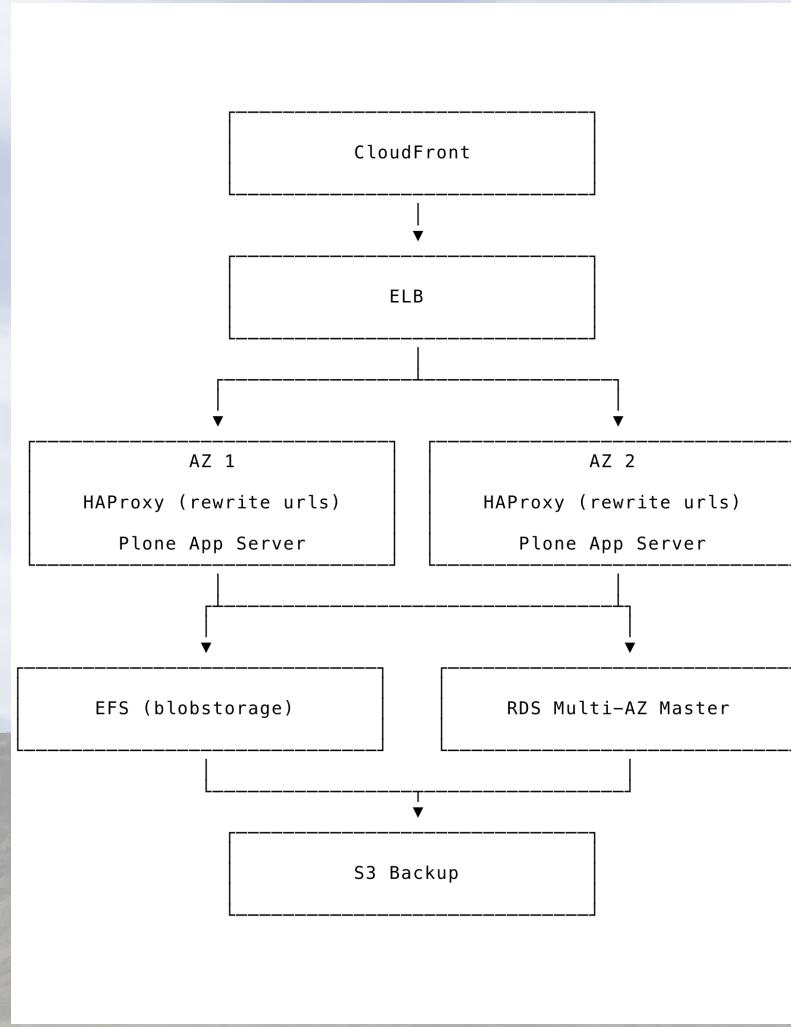
Cattle

From the Closet to the Cloud

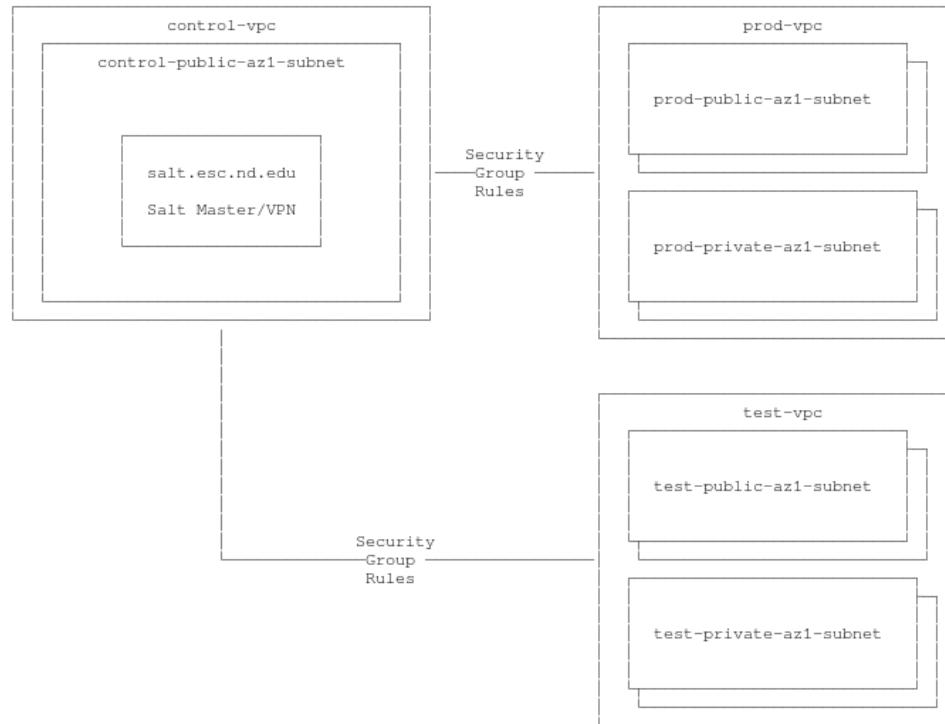
Single Server Monolith



Cloud Optimized



Network



Bit of a Chicken and Egg Problem

Orchestrate!

```
$ salt-run state.orchestrate orch.deploy-environment  
pillarenv=prod
```

And build a test environment

```
$ salt-run state.orchestrate orch.deploy-environment  
pillarenv=test
```

Save Money with Python in the Cloud

```
policies:
  - name: offhours-stop-ec2
    mode:
      type: periodic
      schedule: "rate(1 hour)"
      role: arn:aws:iam::243886768005:role/cloud_custodian
    resource: ec2
    filters:
      - type: offhour
        default_tz: America/Indiana/Indianapolis
        offhour: 16
    actions:
      - stop
```




easy

Sounds too easy

The road was bumpy for sure.

Satisfying the rules for no special cases was
tricky.

Mindfulness

*There should be one, and preferably
only one, obvious way to do it.*

*Although that way may not be
obvious at first unless you're Dutch.*

- The Zen of Python

The journey of 3 operating systems

- 2a67758 Editing requirements to run properly on amazon linux
- 472d844 Refactoring to run CentOS 7 machines
- dd67b7a Refactoring for FreeBSD

What happened here?



Thanks!

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