

Terraform

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Infrastructure as Code





Write



Plan



Create



Write

```
// resource "type" "name" { options }  
  
resource "heroku_app" "app" {}  
  
resource "digitalocean_droplet" "worker" {}  
  
resource "aws_s3_bucket" "photos" {  
  bucket = "photos.myles.photo"  
}  
  
resource "aws_route53_zone" "myles_photo" {  
  name = "myles.photo."  
}
```

```
resource "aws_route53_record" "app_myles_photo" {
  zone_id = "${data.aws_route53_zone.myles_photo.id}"
  name = "app.${data.aws_route53_zone.myles_photo.name}"
  type = "CNAME"
  records = "${data.heroku_app.app.heroku_hostname}"
}

resource "aws_route53_record" "photos_myles_photo" {
  zone_id = "${data.aws_route53_zone.myles_photo.id}"
  name = "photos.${data.aws_route53_zone.myles_photo.name}"
  type = "A"

  alias {
    name = "${data.aws_s3_bucket.photos.website_domain}"
    zone_id = "${data.aws_s3_bucket.photos.hosted_zone_id}"
  }
}
```

Plan



A photograph of a construction site under a clear blue sky. Several tall yellow tower cranes are positioned around a building that is heavily encased in a complex network of steel scaffolding. The building's structure is partially visible through the scaffolding. In the foreground, a large, light-colored tarp covers a portion of the ground. The sky is filled with numerous small, dark silhouettes of birds in flight, scattered across the upper half of the frame. The word "Create" is superimposed in the center of the image in a large, bold, white sans-serif font.

Create

Ansible

```
resource "digitalocean_droplet" "worker" {
  image = "ubuntu-14-04-x64"
  name = "worker"
  region = "nyc2"
  size = "512mb"

  provisioner "ansible" {
    connection {
      user = "deploy"
    }

    playbook = "ansible/playbook.yml"
    groups = ["all"]
    hosts = ["worker"]
  }
}
```

A photograph of a forest. In the foreground, a large tree trunk with dark, textured bark is visible, showing some lighter, possibly blue-green, patches. The background is filled with many thin, vertical tree trunks, creating a sense of depth. The lighting is soft, suggesting a misty or overcast day. The overall color palette is muted, with various shades of brown, grey, and a hint of blue.

Questions