

Importing Existing Resources



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Overview



Greenfield is the exception

Rogue admins trying to help

Caveats about importing



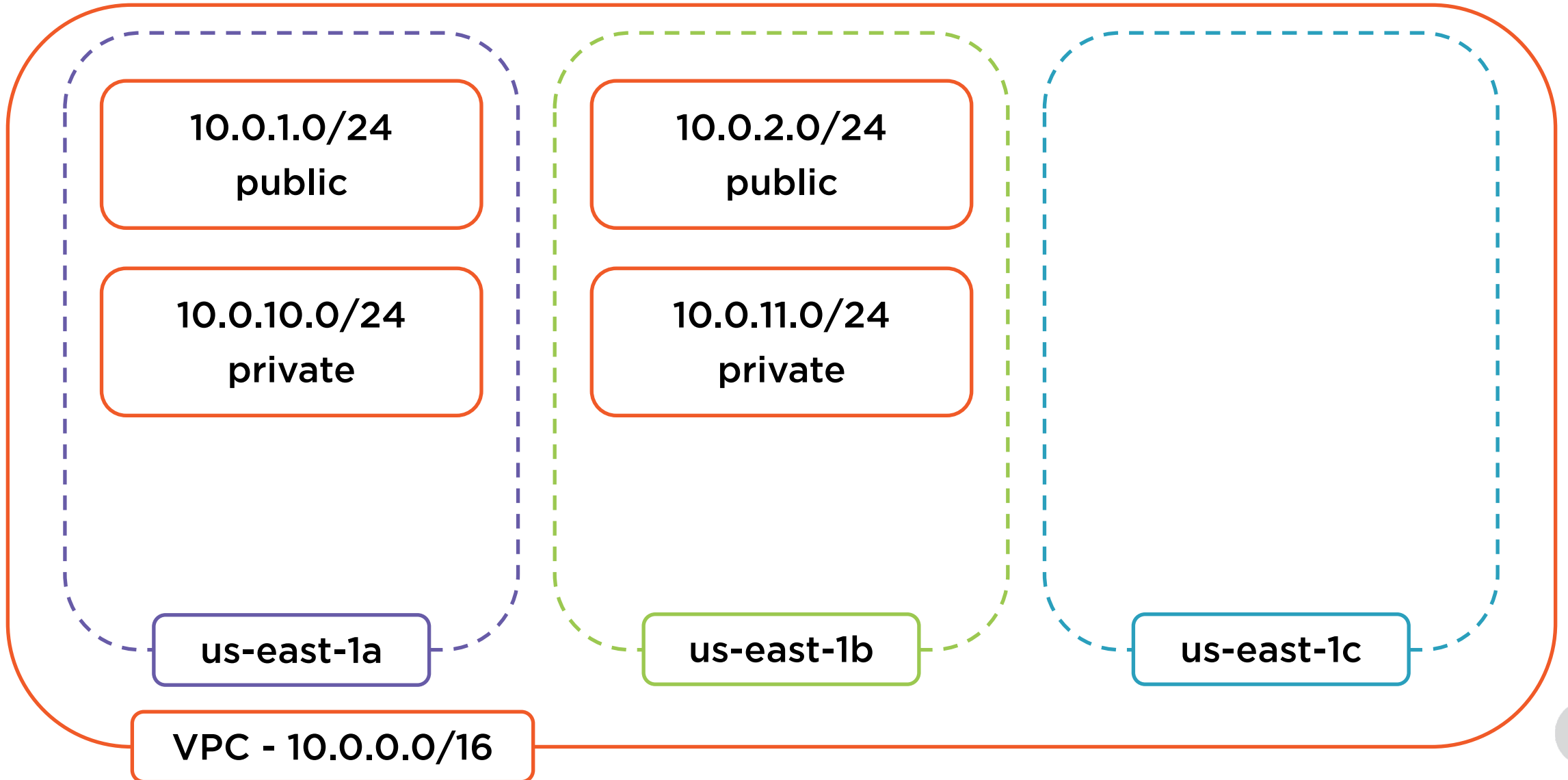
Globomantics Environment



Using AWS for cloud provider
Terraform for network deployment
Network consistency and security
Tagging per company policies



Current Environment



Demo



Examine Terraform files

Deploy initial configuration

Review results

Play along!

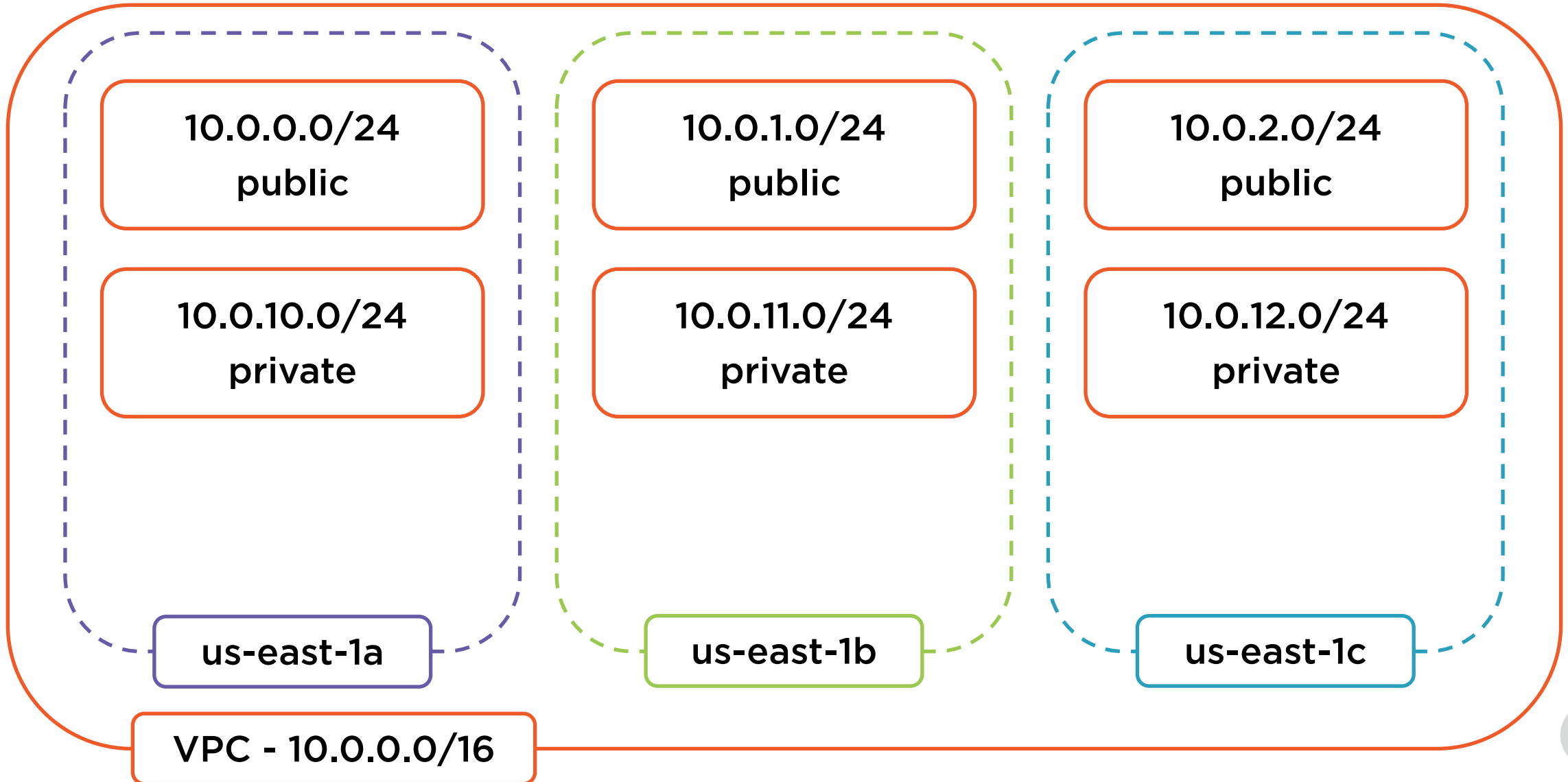
- AWS Account
- AWS CLI
- Terraform CLI
- Demo files



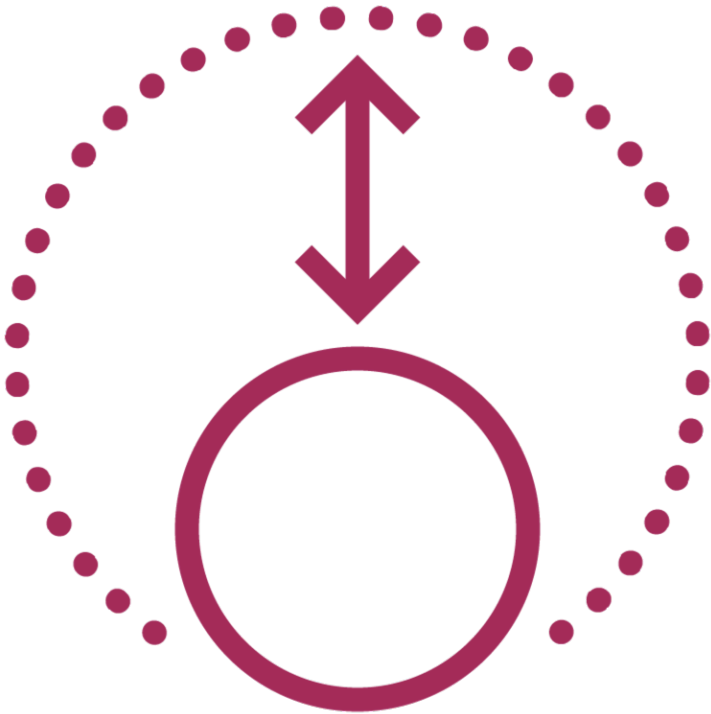
Some of the resources
deployed in AWS may cost
money. You've been
warned.



New Resources



Terraform Import



No automatic import... yet

Update configuration to include resources

Identifiers from provider and configuration

Adds new resources to the state

The Import Command

Command syntax

terraform **import** [options] ADDR ID

ADDR – configuration resource identifier

Ex. – `module.vpc.aws_subnet.public[2]`

ID – provider specific resource identifier

Ex. – `subnet-ad536afg9`

Importing a subnet into a configuration

```
terraform import -var-file="terraform.tfvars" \  
  module.vpc.aws_subnet.public[2] subnet-ad536afg9
```



Summary



Brownfield is the norm

Import requires config work

Learn your infrastructure

Coming up:

- Managing state data

