

Creating Multiple Providers



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Overview



Multiple providers in AWS

Different accounts / regions

Creating Production VPCs

Getting security connected



Multiple Meanings

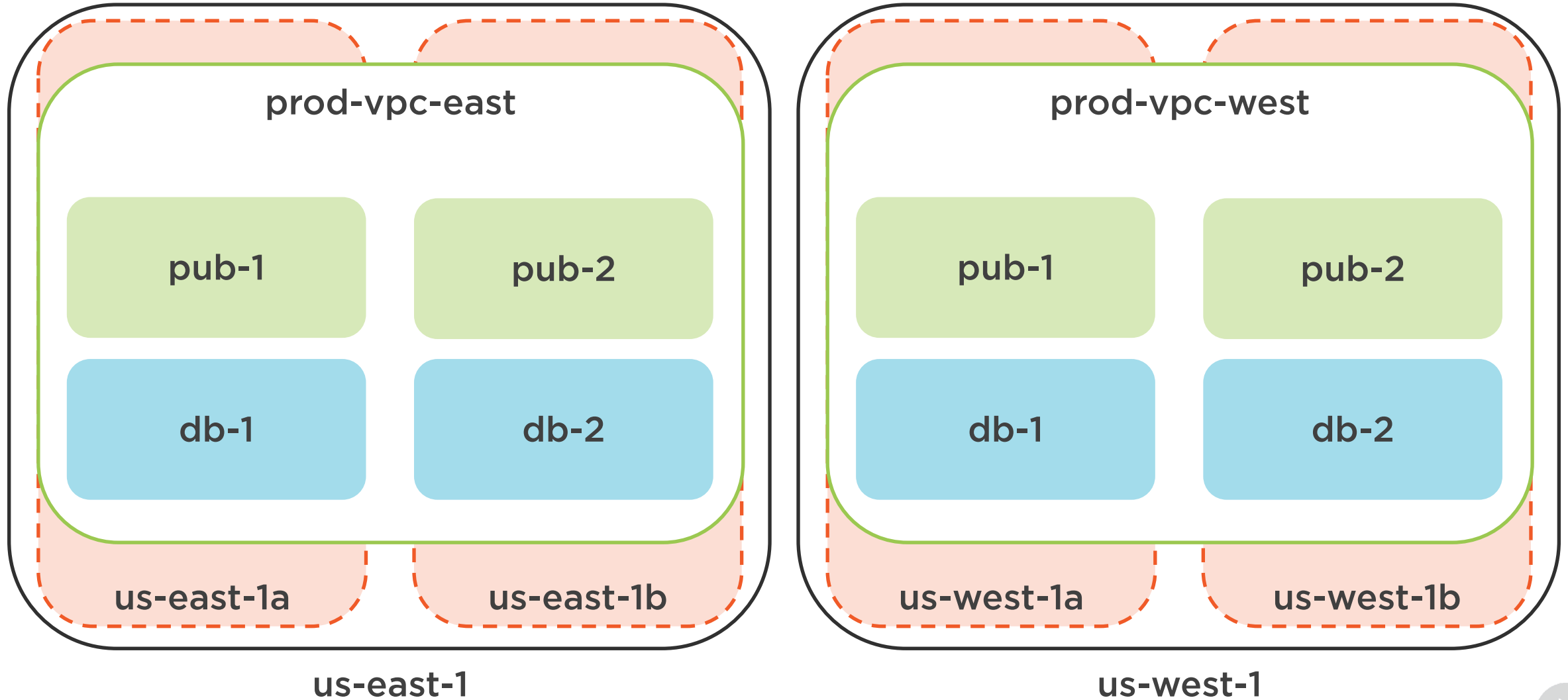


Multiple providers



Multiple instances

VPC Deployment



Multiple AWS Providers

```
provider "aws" {} #Default unless specified
```

```
provider "aws" {  
    alias  = "security"  
    region = var.region  
    profile = "security"  
}
```

```
provider "aws" {  
    alias = "prod-east"  
    region = var.east_region  
}
```

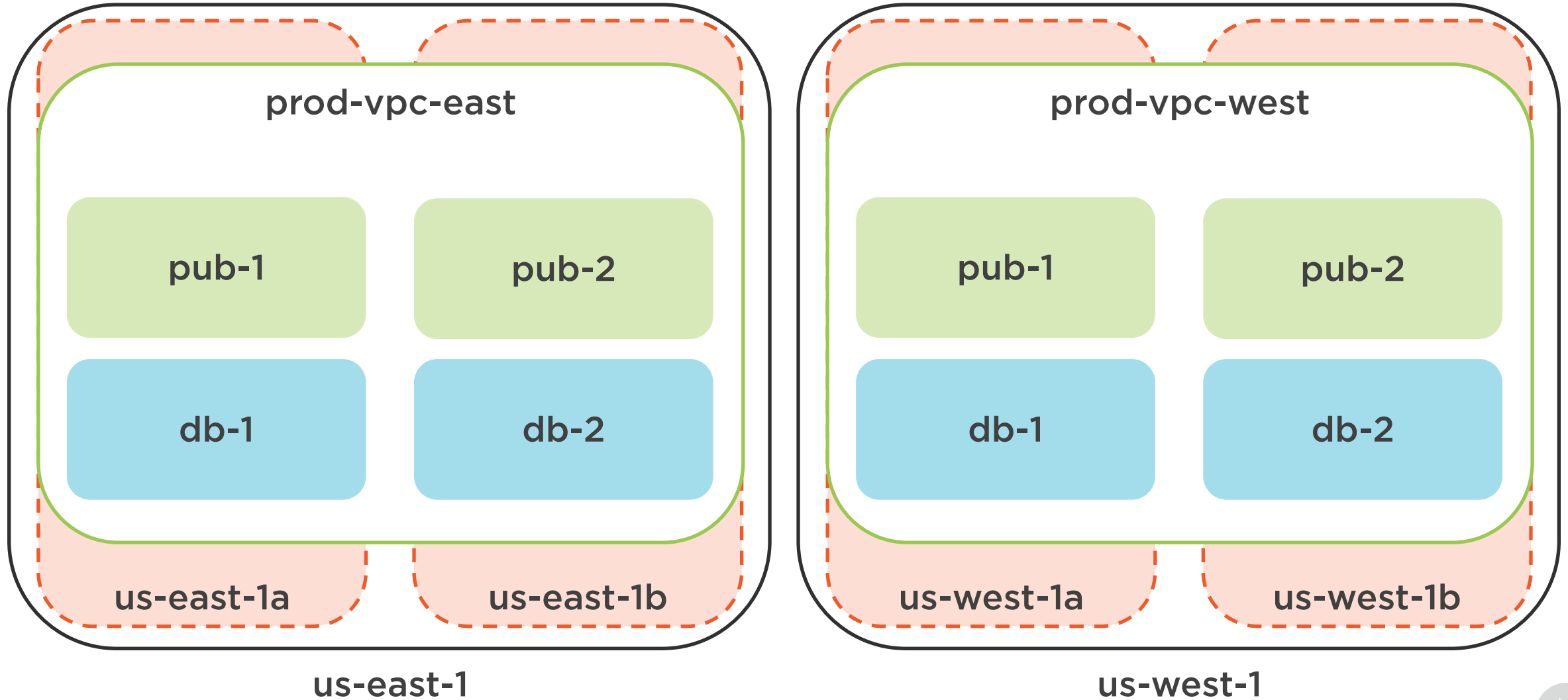


Referencing Provider Aliases

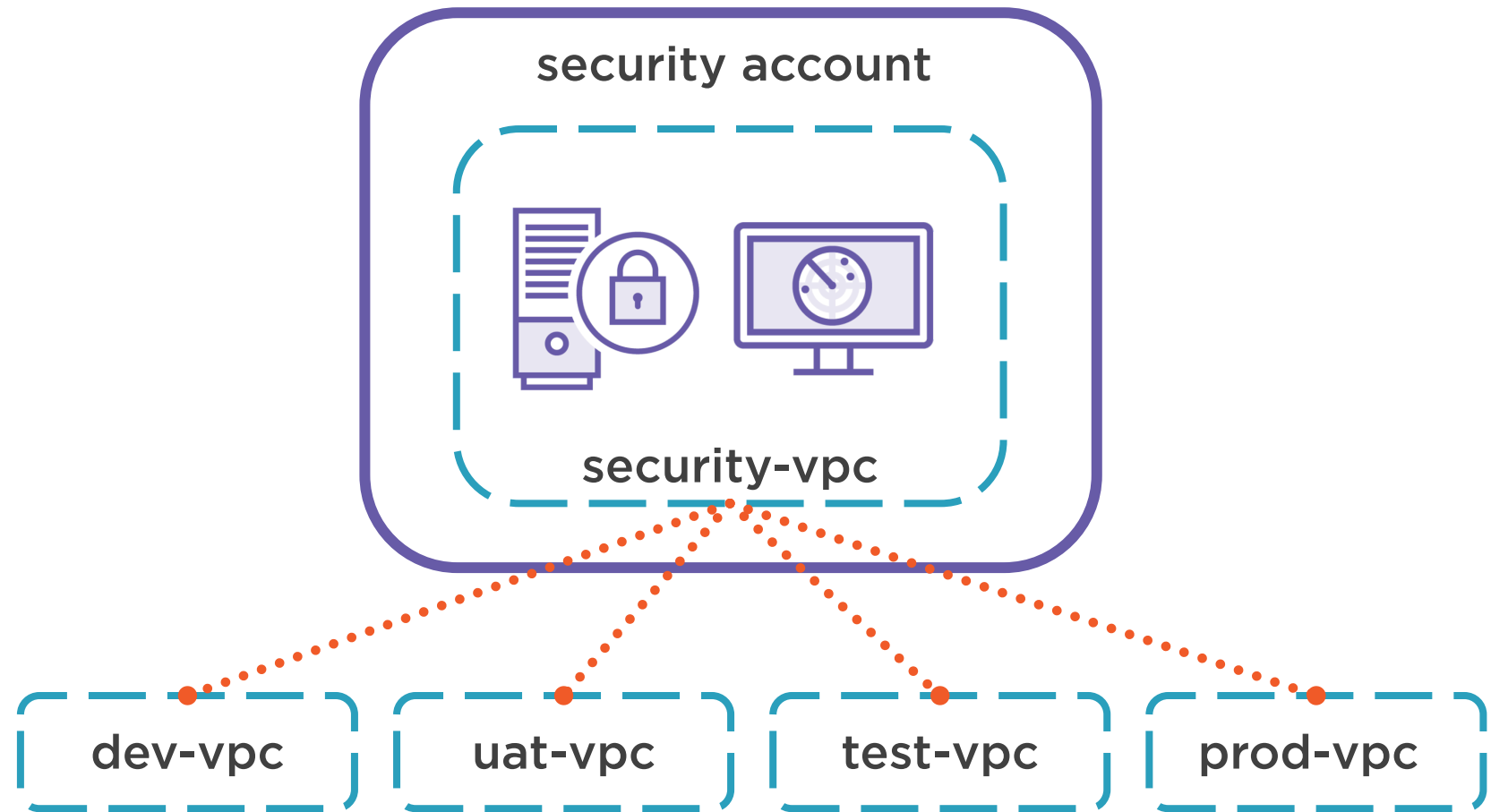
```
resource "aws_iam_role" "sec-role" {  
    provider = aws.security  
}  
  
module "vpc" {  
    providers = {  
        aws = aws.prod-east  
    }  
}
```



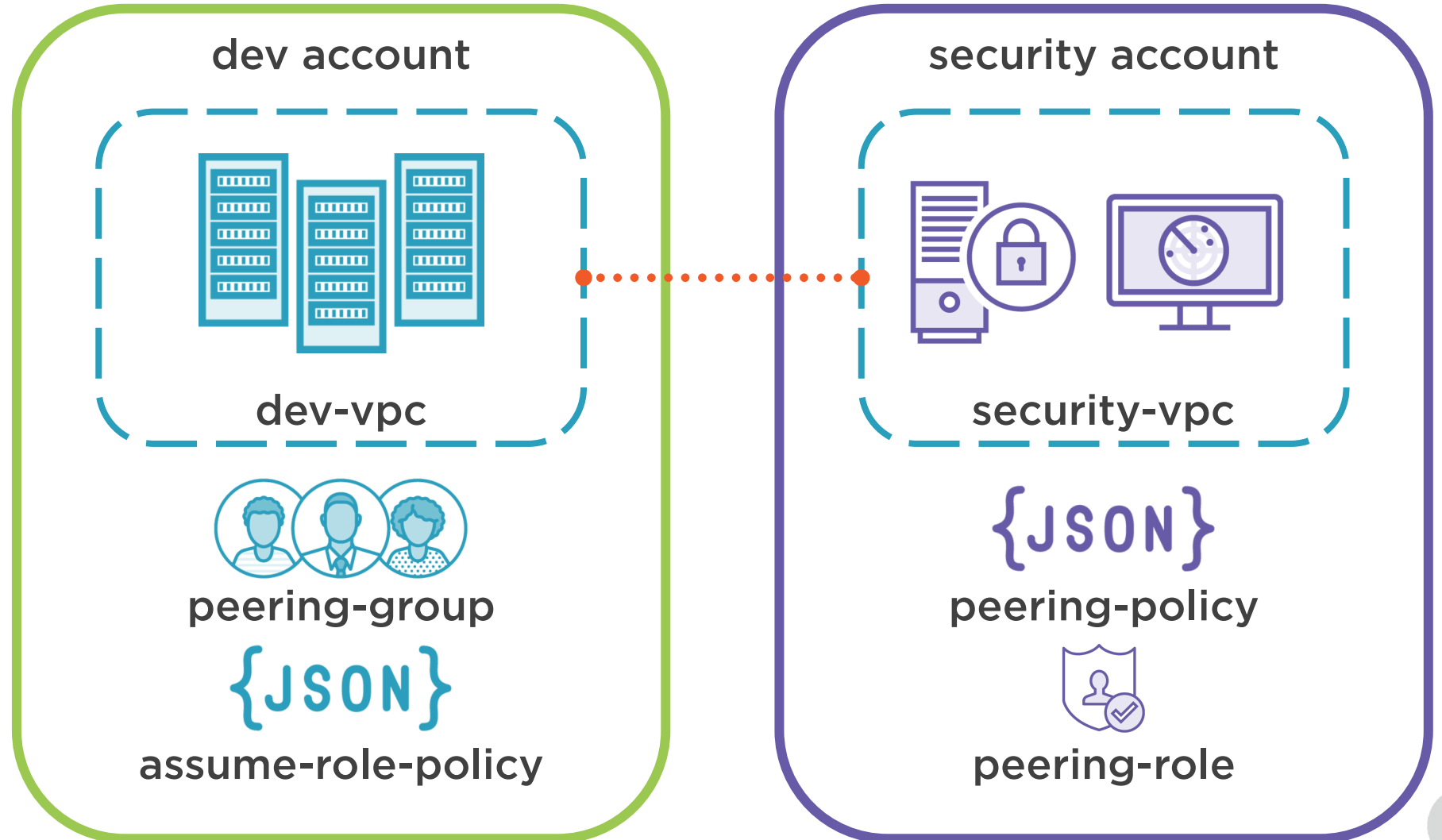
VPC Deployment



Security Network Deployment



VPC Peering



Summary



Multiple AWS providers

Aliases in resources and modules

Coming up:

- S3 storage for remote state
- Migrating state and backend config

