

Chapter 7. Working with Multiple Providers

So far, almost every single example in this book has included just a single provider block:

```
provider "aws" {  
    region = "us-east-2"  
}
```

This provider block configures your code to deploy to a single AWS region in a single AWS account. This raises a few questions:

- What if you need to deploy to multiple AWS regions?
- What if you need to deploy to multiple AWS accounts?
- What if you need to deploy to other clouds, such as Azure or GCP?

To answer these questions, this chapter takes a deeper look at Terraform providers:

- Working with one provider
- Working with multiple copies of the same provider
- Working with multiple different providers

Working with One Provider

So far, you've been using providers somewhat “magically.” That works well enough for simple examples with one basic provider, but if you want to work with multiple regions, accounts, clouds, etc., you'll need to go deeper.