

## Terraform Workshop

### 1. Workshop Introduction



### 3. Start the Workshop

### 4. Terraform Primer (Optional)

#### 1. Building a VPC with Terraform

##### Terraform Networking - Part 1

##### Terraform Networking - Part 2

##### Terraform Networking - Part 3

#### 2. Validating Connectivity

##### Testing - Part 1

#### 3. Creating a Second VPC - with one character !

##### Second VPC - with one Character !

#### Optional - Automatic generation of Terraform

##### Terraform automation

#### 4. Cleanup

##### Cleanup

#### 5. Creating a private EKS Cluster with Terraform

#### 6. Extra Activities (Optional)

#### 7. Using Fargate (Optional)

#### Conclusion

#### Cleanup

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Second VPC - with one Character !

## Second VPC - with one Character !

### Creating another VPC by changing one character !

Next we are going to observe some of the advantages you can get with Infrastructure as code - provided it is properly parametrized.

Edit the variables.tf file and change the value of mycount from 1 to 2

```
1 variable "mycount" {
2   default = 2
3 }
4
5 variable "aws_vpc" {
6   type = list(any)
7   default = ["vpc-10-1", "vpc-10-2"]
8 }
9
10 variable "aws_cidr" {
11   default = {
12     "vpc-10-1" = "10.1.0.0/16"
13     "vpc-devt-proja" = "10.3.0.0/16"
14     "vpc-10-2" = "10.2.0.0/16"
15     "vpc-devt-projx" = "10.4.0.0/16"
16   }
17 }
18
19
20
21
22
23
```

rerun terraform plan and apply.

```
1 terraform plan -out tfplan
```



```
1 terraform apply tfplan
```

What happens? what has been created? - look in the console

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- ▶ 3. Start the Workshop
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    - Cleanup
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