

# Configure Labels

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When creating an EC2 Instance, there are some labels that can be set, these don't seem particularly important, until you have a lot of instances to manage, then you suddenly realise the value of these labels. If you have a lot of EC2 Instances and have not labelled them, you will have a hard time working out which EC2 Instance is performing what task(s).

Below is a single EC2 Instance in AWS, and you can see the two labels that are in the Terraform script.



Name	Instance ID	Instance Type	Availability Zone	IPv4 Public IP	IPv6 IPs	Key Name	Monitoring	Launch Time	Security Groups
aws.alanwalk...	i-0047cdd04d583776	t2.micro	eu-west-2a	52.56.238.96	-	webservrjul	disabled	July 27, 2017 at 8:36:56 PM ...	launch-wizard-2

On the left we have 'Name' (click the image to enlarge it) and on the right we have the 'Key Name'. These are text labels we can specify in our scripts. We can see these in the Terraform script below.

```
<sxh text; first-line: 01; highlight: [10,13];> provider "aws" {
```

```
    access_key = "JLJBK63HMPBC7DC150PA"
    secret_key = "K7H2g33xPj6F7zBNcFGTeL5S1bjTsDNA/9nA2caa"
    region = "eu-west-2"
```

```
}
```

```
resource "aws_instance" "example" {
```

```
    ami = "ami-40a8bf24"
    instance_type = "t2.micro"
    key_name = "TestWebSvr"
    security_groups = ["launch-wizard-1"]
    tags {
        Name = "terraform-instance"
    }
```

```
</sxh>
```

In the example script, I will use the following:

```
key_name = "TestWebSvr"
tags {
    Name = "terraform-instance"
}
```

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