

# 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 | Instance State | Status Checks  | Alarm Status | Public DNS (IPv4)        | IPv4 Public IP | IPv6 IPs | Key Name | Monitoring | Launch Time                 | Security Groups |
|--------------|--------------------|---------------|-------------------|----------------|----------------|--------------|--------------------------|----------------|----------|----------|------------|-----------------------------|-----------------|
| ebs-alarwalk | i-0047cd04ad583776 | t2.micro      | eu-west-2a        | running        | 2/2 checks ... | None         | ec2-52-56-238-96.eu-w... | 52.56.238.96   | -        | websrvul | 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'. We can see these in the Terraform script.

```
<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>
```

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