

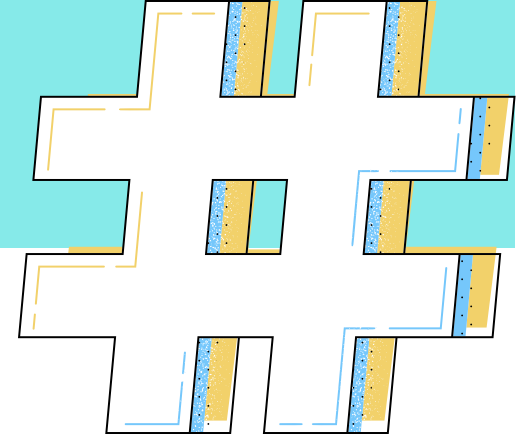
Deploy single web server using variables

Topics covered:

- Find out all the hardcoded value in last lecture terraform code
- Declare variables and replace all the hard coded value to with variable
- Command to get the public IP of our lab system



Replace all hard coded values with variables



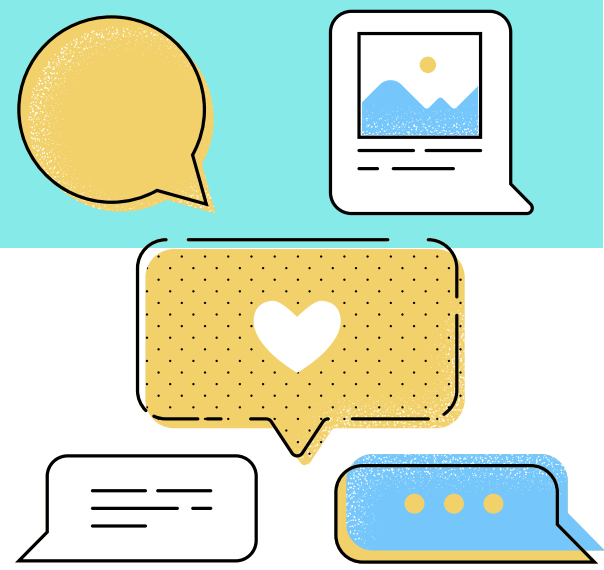
```
resource "aws_security_group" "webserver_sg" {
```

```
  ingress {
    from_port = "${var.server_port}"
    to_port   = "${var.server_port}"
    protocol = "tcp"
    cidr_blocks = [ "${var.my_public_ip}" ]
  }
```

```
  ingress {
    from_port = "${var.ssh_port}"
    to_port   = "${var.ssh_port}"
    protocol = "tcp"
    cidr_blocks = [ "${var.my_public_ip}" ]
  }
```

```
  egress {
    from_port   = 0
    to_port     = 0
    protocol    = "-1"
    cidr_blocks = ["0.0.0.0/0"]
  }
}
```

How can we get the public IP assigned to our lab system



Run below command to get public ip assigned to your lab system..

```
$ curl https://checkip.amazonaws.com
```

```
73.241.51.131
```

```
$
```

OR

Search in google.com "what is my ip "

OR

Go to <https://www.ipchicken.com/> and note current IP address