Create required Vars.tf to create two VMs in AWS

Provider "aws" {

  region     = "us-west-2"

  access\_key = "AKIAXERNSQB5U2BDI7YL"

  secret\_key = "t9kVD3QUES1GAtg8wbDaC29wuRIpObSydyhbdzi5"

}

variable "region" {

  default = "us-west-2"

}

#variable "private\_key\_path" {

 # default = "tkp1.pem"

#}

variable "ami\_id" {

  type = map

  default = {

   # us-east-1    = "ami-035b3c7efe6d061d5"

    us-west-2    = "ami-09889d8d54f9e0a0e"

   # eu-central-1 = "ami-9787h5h6nsn"

  }

}

resource "aws\_instance" "Master-server" {

  ami           = "${lookup(var.ami\_id, var.region)}"

  instance\_type = "t2.micro"

  key\_name      = "winkp"

    #provisioner "file" {

  #  source      = "index.html"

  #  destination = "/tmp/index.html"

  #}

  #provisioner "remote-exec" {

  #    inline = [

  #      "sudo apt-get update",

#   "sudo apt-get install -y apache2",

#   "sudo cp /tmp/index.html /var/www/html/",

 #       "sudo service apache2 restart",

  #    ]

  #  }

  connection {

    user        = "ubuntu"

    private\_key = "${file("${var.private\_key\_path}")}"

      host = "${aws\_instance.web-server.public\_ip}"

  }

tags =  {

    Name = "Slave Jenkins"

    }

}

resource "aws\_instance" "Slave-server" {

  ami           = "${lookup(var.ami\_id, var.region)}"

  instance\_type = "t2.micro"

  key\_name      = "winkp"

 connection {

    user        = "ubuntu"

    private\_key = "${file("${var.private\_key\_path}")}"

      host = "${aws\_instance.web-server.public\_ip}"

  }

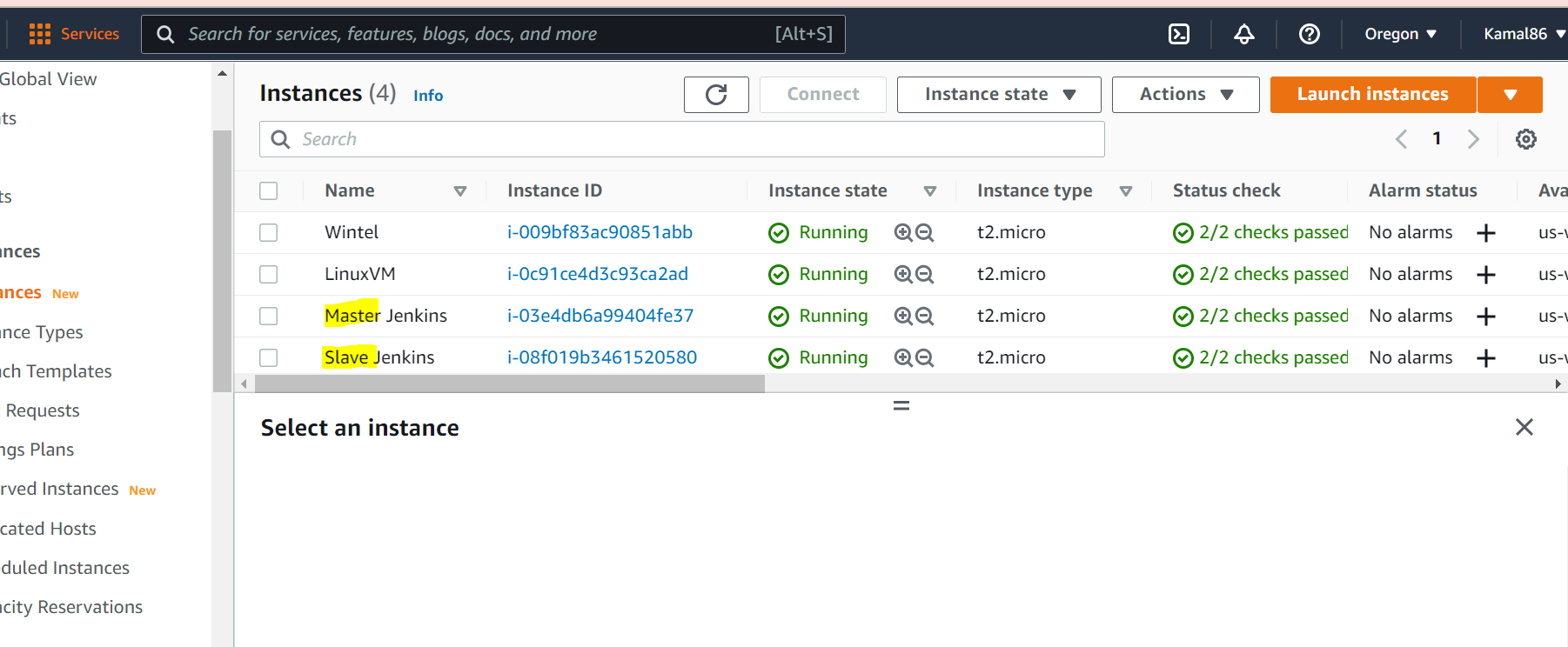
  tags =  {

    Name = "Master Jenkins"

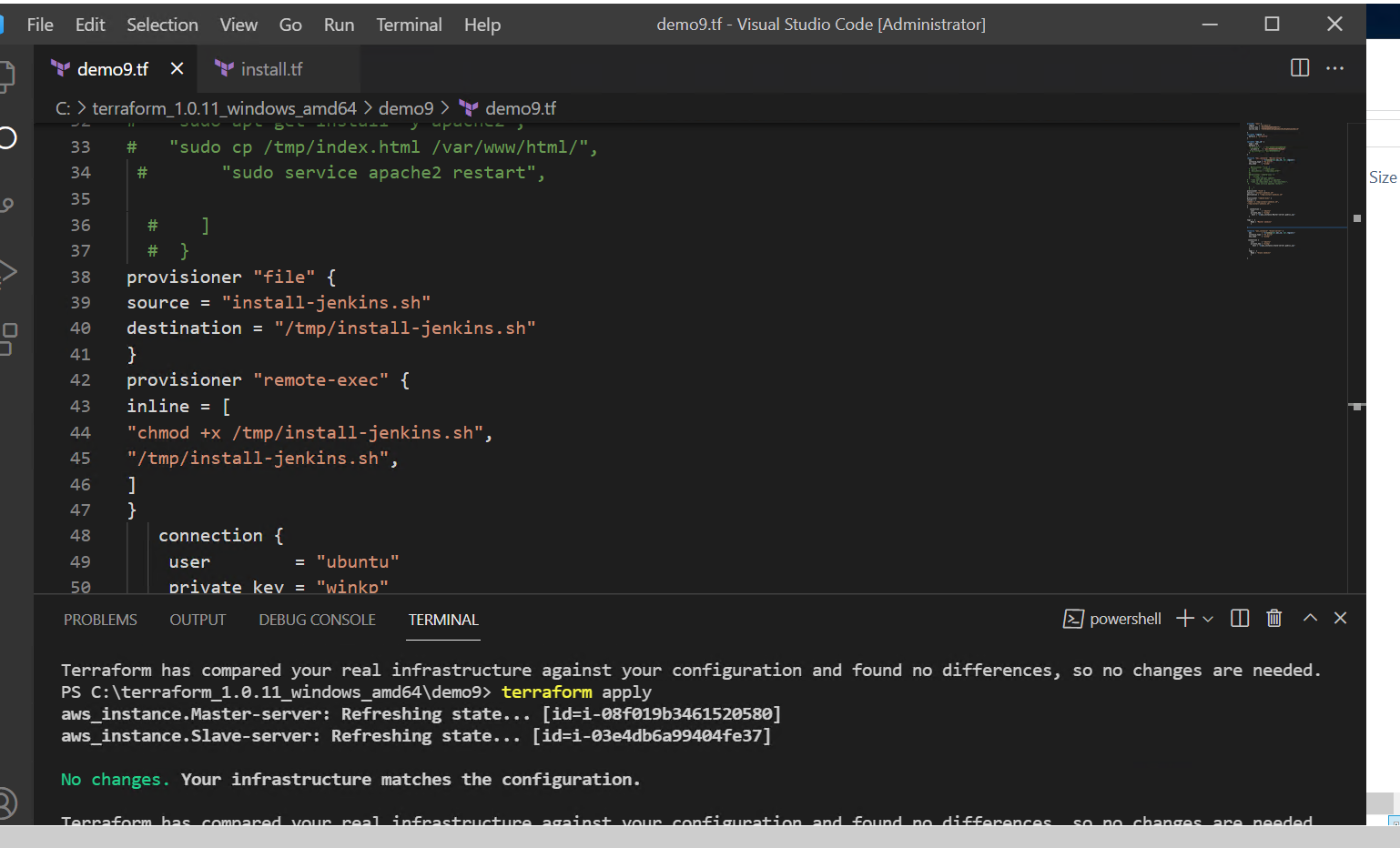
    }

}

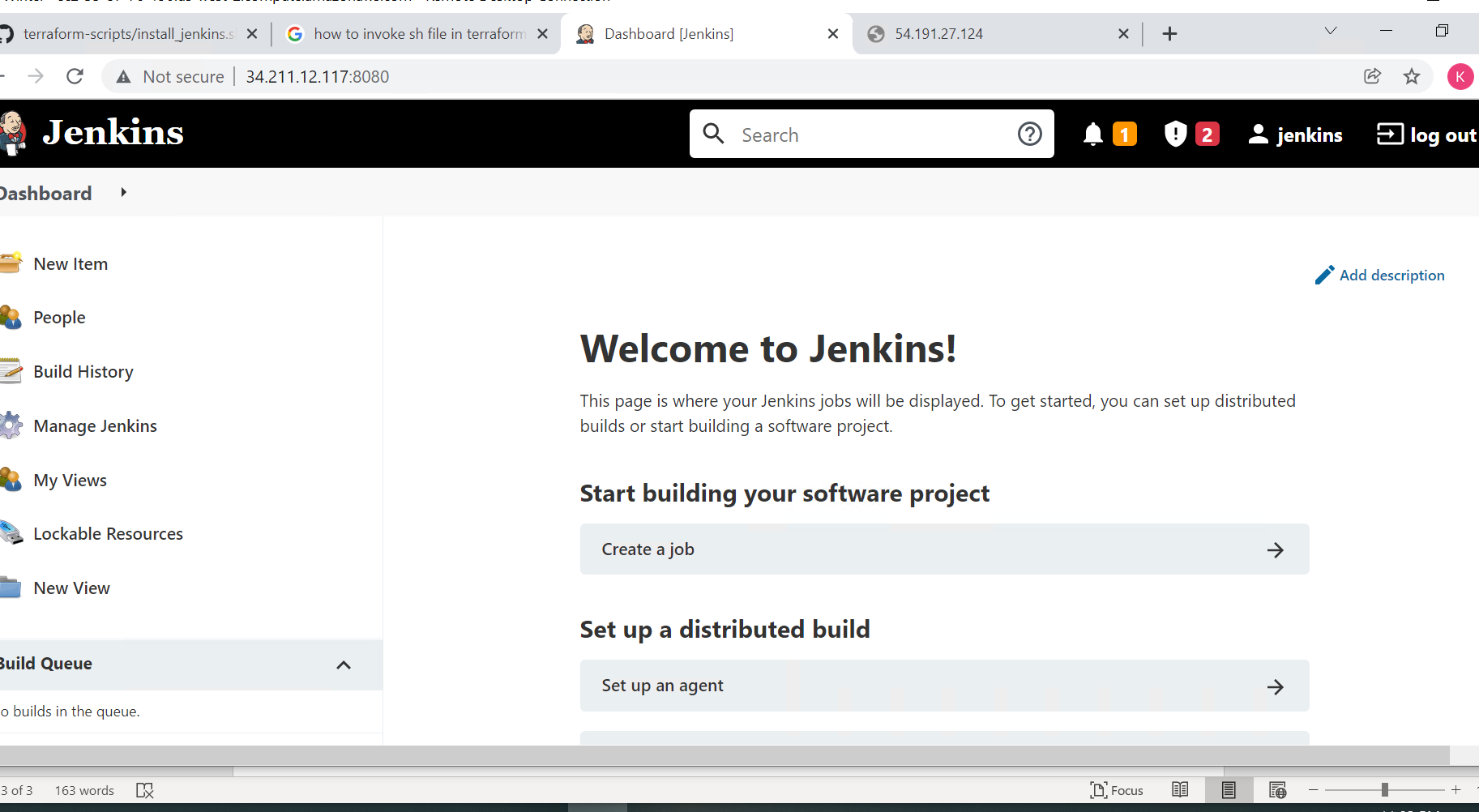
**SPINNING UP OF MASTER , SLAVE VM**



**TERRAFORM SCRIPT TO INSTALL MASTER JENKINS**



**MANUALLY STARTED MASTER JENKINS**



**Manually Start Jenkins and configure required Plug-ins and Master Slave Configuration**

