A picture containing text

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**Main.tf:-**

provider "kubernetes" {

config\_path = "~/.kube/config"

}

resource "kubernetes\_deployment" "tf-k8s-deployment" {

metadata {

name = "tf-k8s-deploy"

labels = {

name = "terraform-k8s-deployment"

}

}

spec {

replicas = 2

selector {

match\_labels = {

name = "terraform-k8s-deployment"

}

}

template {

metadata {

labels = {

name = "terraform-k8s-deployment"

}

}

spec {

container {

image = "nginx"

name = "nginx"

}

}

}

}

}

**Service.tf:-**

resource "kubernetes\_service" "tf-k8s-service" {

metadata {

name = "terraform-k8s-service"

labels = {

name = "tf-k8s-deploy"

}

}

spec {

port {

port = 80

target\_port = 80

node\_port = 30080

}

type = "NodePort"

}

}

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