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2
3
4 1) copy and paste this text to file named: terraform.tfvars
5
6 # Please replace this three dots with your credentials
7 # from AWS console. These credentials are related to the user
8 # you have just created in your AWS account.
9
10 AWS_ACCESS_KEY="..."
11 AWS_SECRET_KEY="..."
12
13 # *****
14
15 2) copy and paste text below to file named: terraform.code.tf
16
17 # *****
18 # vars.tf
19 # *****
20
21 variable "AWS_ACCESS_KEY" {}
22 variable "AWS_SECRET_KEY" {}
23 variable "AWS_REGION" {
24     default = "eu-central-1"
25 }
26 variable "AMIS" {
27     type = "map"
28     default = {
29         # *****
30         # https://cloud-images.ubuntu.com/locator/ec2/
31         #
32         # Frankfurt => eu-central-1
33         # OS          => UBUNTU Xenial 16.04 LTS
34         # AMI_ID      => ami-245f7fcf
35         #
36         # AMI shortcut (AMAZON MACHINE IMAGE)
37         #
38         # *****
39         eu-central-1 = "ami-415b7baa"
40     }
41 }
42
43 # *****
44 # provider.tf
45 # *****
46 provider "aws" {
47     access_key = "${var.AWS_ACCESS_KEY}"
48     secret_key = "${var.AWS_SECRET_KEY}"
49     region = "${var.AWS_REGION}"
50 }
51
52
53 # *****
54 # instance.tf
55 # *****
56 resource "aws_instance" "UDEMY_DEVOPSINUSE" {
57     ami = "${lookup(var.AMIS, var.AWS_REGION)}"
58     tags { Name = "UDEMY" }
59     instance_type = "t2.micro"
60     provisioner "local-exec" {
61         command = "echo ${aws_instance.UDEMY_DEVOPSINUSE.private_ip} >> private_ips.txt"
62     }
63 }
64 output "ip" {
65     value = "${aws_instance.UDEMY_DEVOPSINUSE.public_ip}"
66 }
67
68
69 # *****
70
71 3) If you have just created these two files:
72     - terraform.tfvars
73     - terraform.code.tf

```

74
75 now you can run:

76
77 devopsinuse@devopsinuse:~/udemy.jantoth.course/terraform\$ terraform init
78 devopsinuse@devopsinuse:~/udemy.jantoth.course/terraform\$ terraform apply

79
80 Once you managed to create your first instance (server/EC2)
81 and you are not using it - please delete it!!!

82
83 command:

84
85 devopsinuse@devopsinuse:~/udemy.jantoth.course/terraform\$ terraform destroy
86
87
88
89
90
91
92
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