

# Latest Version: 6.0

## Question: 1

A user has created three workspaces using the command line - prod, dev, and test. The user wants to create a fourth workspace named stage. Which command will the user execute to accomplish this?  
Response:

- A. terraform workspace -create stage
- B. terraform workspace -new stage
- C. terraform workspace create stage
- D. terraform workspace new stage

**Answer: D**

## Question: 2

A user creates three workspaces from the command line - prod, dev, and test. Which of the following commands will the user run to switch to the dev workspace?  
Response:

- A. terraform workspace -switch dev
- B. terraform workspace select dev
- C. terraform workspace switch dev
- D. terraform workspace dev

**Answer: B**

## Question: 3

True or False? Performing a terraform plan can modify the existing Terraform state file.  
Response:

- A. True
- B. False

**Answer: B**

## Question: 4

Your company has a lot of workloads in AWS , and Azure that were respectively created using CloudFormation , and AzureRM Templates. However , now your CIO has decided to use Terraform for all new projects , and has asked you to check how to integrate the existing environment with terraform code. What should be your next plan of action?

Response:

- A. Just write the terraformconfig file for the new resources , and run terraform apply , the state file will automatically be updated with the details of the new resources to be imported.
- B. Use terraform import command to import each resource one by one.
- C. Tell the CIO that this is not possible . Resources created in CloudFormation , and AzureRM templates cannot be tracked using terraform.
- D. This is only possible in Terraform Enterprise , which has the TerraformConverter exe that can take any other template language like AzureRM and convert to Terraform code.

**Answer: B**

### Question: 5

What is the command you can use to set an environment variable named "var1"of type String?

Response:

- A. export TF\_VAR\_VAR1
- B. set TF\_VAR\_var1
- C. variable "var1" { type = "string"}
- D. export TF\_VAR\_var1

**Answer: D**

### Question: 6

Which of the following actions are performed during a terraforminit?  
(select three)

Response:

- A. initializes downloaded and/or installed providers
- B. download the declared providers which are supported by HashiCorp
- C. initializes the backend configuration
- D. provisions the declared resources in your configuration

**Answer: ABC**

## Question: 7

Which of the following commands will launch the Interactive console for Terraform interpolations?  
Response:

- A. terraform cli
- B. terraform console
- C. terraformcmdline
- D. terraform

**Answer: B**

## Question: 8

During a terraform apply, a resource is successfully created but eventually fails during provisioning.  
What happens to the resource?  
Response:

- A. Terraform attempts to provision the resource up to three times before exiting with an error
- B. it is automatically deleted
- C. the terraform plan is rolled back and all provisioned resources are removed
- D. the resource is marked as tainted

**Answer: D**

## Question: 9

The terraforminit command is always safe to run multiple times, to bring the working directory up to date with changes in the configuration. Though subsequent runs may give errors, this command will never delete your existing configuration or state.

Response:

- A. False
- B. True

**Answer: B**

## Question: 10

Larissa is an experienced IT professional and is working to learn Terraform to manage the F5 load balancers that front-end customer-facing applications. Larissa writes great code, but her formatting seldom meets the Terraform canonical formatting and style recommended by HashiCorp.

What built-in tool or command can Larissa use to easily format her code to meet the recommendations for formatting Terraform code?

Response:

- A. \$ terraform validate
- B. \$ terraform lint
- C. \$ terraformfmt
- D. \$ terraform refresh

**Answer: C**

### Question: 11

Which of the following actions are performed during a terraforminit operation?

Response:

- A. Initializes downloaded or installed providers
- B. Downloads the declared provider
- C. Provisions the declared resources
- D. Initializes the backend config

**Answer: ABD**

### Question: 12

From the following defined code snippet, see if you can tell what the version of the module is:

```
module "servers" {  
  source= "./app-cluster"  
  servers = 5  
}
```

Which of these options is correct?

Response:

- A. 5
- B. No version
- C. >5
- D. <5

**Answer: B**

### Question: 13

What is the result of the following terraform function call?

```
>index(["a", "b", "c"], "c")
```

Response:

- A. 2
- B. true
- C. 1
- D. 0

**Answer: A**

### Question: 14

Which of the following is not a valid string function in Terraform?

Response:

- A. split
- B. join
- C. slice
- D. chomp

**Answer: C**

### Question: 15

True or False? A backend configuration is required for using Terraform.

Response:

- A. True
- B. False

**Answer: B**