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HashiCorp
Terraform Associate 003
HashiCorp Certified:
Terraform Associate (003)
Exam

QUESTION: 1

The terraform.tfstate file always matches your currently built infrastructure.

- A. True
- B. False

Answer(s): B

Explanation:

Reference:

<https://www.terraform.io/docs/language/state/index.html>

This state is stored by default in a local file named "terraform.tfstate", but it can also be stored remotely, which works better in a team environment.

Terraform uses this local state to create plans and make changes to your infrastructure. Prior to any operation, Terraform does a **refresh** to update the state with the real infrastructure.

The primary purpose of Terraform state is to store bindings between objects in a remote system and resource instances declared in your configuration. When Terraform creates a remote object in response to a change of configuration, it will record the identity of that remote object against a particular resource instance, and then potentially update or delete that object in response to future configuration changes.

QUESTION: 2

One remote backend configuration always maps to a single remote workspace.

- A. True
- B. False

Answer(s): B

Explanation:

Reference:

<https://www.terraform.io/docs/language/settings/backends/remote.html>

Workspaces

The remote backend can work with either a single remote Terraform Cloud workspace, or with multiple similarly-named remote workspaces (like `networking-dev` and `networking-prod`). The `workspaces` block of the backend configuration determines which mode it uses:

- To use a single remote Terraform Cloud workspace, set `workspaces.name` to the remote workspace's full name (like `networking`).

QUESTION: 3

How is the Terraform remote backend different than other state backends such as S3, Consul, etc.?

- A. It can execute Terraform runs on dedicated infrastructure on premises or in Terraform Cloud
- B. It doesn't show the output of a terraform apply locally
- C. It is only available to paying customers
- D. All of the above

Answer(s): A

Explanation:

If you and your team are using Terraform to manage meaningful infrastructure, we recommend using the remote backend with Terraform Cloud or Terraform Enterprise.

Reference:

<https://www.terraform.io/docs/language/settings/backends/index.html>

QUESTION: 4

What is the workflow for deploying new infrastructure with Terraform?

- A. terraform plan to import the current infrastructure to the state file, make code changes, and terraform apply to update the infrastructure.
- B. Write a Terraform configuration, run terraform show to view proposed changes, and terraform apply to create new infrastructure.
- C. terraform import to import the current infrastructure to the state file, make code changes, and terraform apply to update the infrastructure.
- D. Write a Terraform configuration, run terraform init, run terraform plan to view planned infrastructure changes, and terraform apply to create new infrastructure.

Answer(s): D

QUESTION: 5

A provider configuration block is required in every Terraform configuration.

Example:

```
provider "provider_name" {  
    ...  
}
```

- A. True
- B. False

Answer(s): B

Explanation: