

## Exam Questions Terraform-Associate-004

HashiCorp Certified: Terraform Associate (004) (HCTA0-004)

<https://www.2passeasy.com/dumps/Terraform-Associate-004/>



#### NEW QUESTION 1

You can reference a resource created with `for_each` using a Splat ( `*` ) expression.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 2

Which of the following is not true of Terraform providers?

- A. An individual person can write a Terraform Provider
- B. A community of users can maintain a provider
- C. HashiCorp maintains some providers
- D. Cloud providers and infrastructure vendors can write, maintain, or collaborate on Terraform providers
- E. providers
- F. None of the above

**Answer:** F

#### NEW QUESTION 3

Which argument can you set on a module block to prevent Terraform from updating the module's configuration during an `init` or `get` operation?

- A. `version`
- B. `lifecycle`
- C. `count`
- D. `source`

**Answer:** A

#### NEW QUESTION 4

Before you can use a remote backend, you must first execute `terraform init`.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 5

As a member of an operations team that uses infrastructure as code (IaC) practices, you are tasked with making a change to an infrastructure stack running in a public cloud. Which pattern would follow IaC best practices for making a change?

- A. Make the change via the public cloud API endpoint
- B. Clone the repository containing your infrastructure code and then run the code
- C. Use the public cloud console to make the change after a database record has been approved
- D. Make the change programmatically via the public cloud CLI
- E. Submit a pull request and wait for an approved merge of the proposed changes

**Answer:** E

#### NEW QUESTION 6

Which of the following is not a benefit of adopting infrastructure as code?

- A. Versioning
- B. A Graphical User Interface
- C. Reusability of code
- D. Automation

**Answer:** B

#### NEW QUESTION 7

What is the purpose of the `terraform.lock.hcl` file in Terraform?

- A. There is no such file.
- B. Storing references to workspaces, which are locked.
- C. Preventing Terraform runs from occurring.
- D. Tracking specific provider dependencies.

**Answer:** D

#### NEW QUESTION 8

Which Terraform command checks that your configuration syntax is correct?

- A. terraform validate
- B. terraform init
- C. terraform show
- D. terraform fmt

**Answer:** A

#### NEW QUESTION 9

What is the purpose of the .terraform directory in a Terraform workspace?

- A. The directory is where Terraform creates and maintains the state file to track the underlying resources it creates and manages.
- B. The directory is used to convert and store Terraform configuration files into API calls to communicate with the targeted platform.
- C. The directory contains the provider credentials and the .tfvars files to prevent them from being committed to version control by accident.
- D. The directory contains plugins and modules that Terraform downloads during initialization, along with other important information.

**Answer:** D

#### NEW QUESTION 10

Infrastructure as Code (IaC) can be stored in a version control system along with application code.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 10

You can define multiple backend blocks in your Terraform configuration to store your state in multiple locations.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 11

If you manually destroy infrastructure, what is the best practice reflecting this change in Terraform?

- A. Run terraform refresh
- B. It will happen automatically
- C. Manually update the state file
- D. Run terraform import

**Answer:** B

#### NEW QUESTION 13

Which task does terraform init not perform?

- A. Validates all required variables are present
- B. Sources any modules and copies the configuration locally
- C. Connects to the backend
- D. Sources all providers used in the configuration and downloads them

**Answer:** A

#### NEW QUESTION 18

What are some benefits of using Sentinel with Terraform Cloud/Terraform Cloud? Choose three correct answers.

- A. You can restrict specific resource configurations, such as disallowing the use of CIDR=0.0.0.0/0.
- B. You can check out and check in cloud access keys
- C. Sentinel Policies can be written in HashiCorp Configuration Language (HCL)
- D. Policy-as-code can enforce security best practices
- E. You can enforce a list of approved AWS AMIs

**Answer:** ADE

#### NEW QUESTION 19

Select the command that doesn't cause Terraform to refresh its state.

- A. Terraform destroy
- B. Terraform apply
- C. Terraform plan
- D. Terraform state list

**Answer:** D

#### NEW QUESTION 21

How can terraform plan aid in the development process?

- A. Initializes your working directory containing your Terraform configuration files
- B. Validates your expectations against the execution plan without permanently modifying state
- C. Formats your Terraform configuration files
- D. Reconciles Terraform's state against deployed resources and permanently modifies state using the current status of deployed resources

**Answer: B**

#### NEW QUESTION 24

terraform apply is failing with the following error. What next step should you take to determine the root cause of the problem?

Error:

```
yaml
```

```
CopyEdit
```

```
Error loading state: AccessDenied: Access Denied
```

```
status code: 403, request id: 288766CE5CCA24A0, host id: web.example.com
```

- A. Run terraform login to reauthenticate with the provider.
- B. Set TF\_LOG=DEBUG.
- C. Review /var/log/terraform.log for error messages.
- D. Review syslog for Terraform error messages.

**Answer: B**

#### NEW QUESTION 26

Which command(s) adds existing resources in a public cloud into Terraform state?

- A. terraform init
- B. terraform plan
- C. terraform refresh
- D. terraform import
- E. All of these

**Answer: D**

#### NEW QUESTION 29

Which of these statements about Terraform Cloud workspaces is false?

- A. They have role-based access controls
- B. You must use the CLI to switch between workspaces
- C. Plans and applies can be triggered via version control system integrations
- D. They can securely store cloud credentials

**Answer: B**

#### NEW QUESTION 30

A resource block is shown in the Exhibit section of this page. How would you reference the attribute name of this resource in HCL?

- A. resource.kubernetes\_namespace.example.name
- B. kubernetes\_namespace.example.name
- C. data.kubernetes\_namespace.name
- D. kubernetes\_namespace.test.name

**Answer: B**

#### NEW QUESTION 32

You have a simple Terraform configuration containing one virtual machine (VM) in a cloud provider. You run terraform apply and the VM is created successfully. What will happen if you terraform apply again immediately afterward without changing any Terraform code?

- A. Terraform will terminate and recreate the VM.
- B. Terraform will create another duplicate VM.
- C. Terraform will apply the VM to the state file.
- D. Nothing

**Answer: D**

#### NEW QUESTION 34

Exhibit:

```
module "web_stack" {  
  source = "../modules/web_stack"  
}
```

Your configuration defines the module block shown in the exhibit. The web\_stack module accepts an input variable named servers. Which of the following changes to the module block sets the servers variable to the value of 3?

- A. module "web\_stack" {source = "../modules/web\_stack" var.servers = 3}
- B. module "web\_stack" {source = "../modules/web\_stack" inputs = { servers = 3 }}

- C. module "web\_stack" {source = "./modules/web\_stack" servers = 3}  
D. module "web\_stack" {source = "./modules/web\_stack" inputs.servers = 3}

**Answer: C**

#### NEW QUESTION 35

Exhibit:

```
module "network" {  
  source = "terraform-google-modules/network/google" version = "~> 11.0"  
}
```

What version of the source module does Terraform allow with the module block shown in the exhibit?

- A. Any version of the module > 11.0.  
B. Any version of the module >= 11.0.  
C. Any version of the module >= 11.0 and < 12.0.  
D. Any version of the module >= 11.0.0 and < 11.1.0.

**Answer: C**

#### NEW QUESTION 38

Module variable assignments are inherited from the parent module and you do not need to explicitly set them.

- A. True  
B. False

**Answer: B**

#### NEW QUESTION 39

Why does this backend configuration not follow best practices?

```
terraform {  
  backend "s3" {  
    bucket      = "terraform-state-prod"  
    key         = "network/terraform.tfstate"  
    region     = "us-east-1"  
    access_key  = "AKIAIOSFODNN7EXAMPLE"  
    secret_key  = "wJalrXUtnFEMI/K7MDENG/bPxrF1CYEXAMPLEKEY"  
  }  
  
  required_providers {  
    aws = {  
      source = "hashicorp/aws"  
      version = "~> 3.38"  
    }  
  }  
  
  required_version = ">= 0.15"  
}
```

- A. An alias meta-argument should be included in backend blocks whenever possible  
B. You should use the local enhanced storage backend whenever possible  
C. You should not store credentials in Terraform configuration  
D. The backend configuration should contain multiple credentials so that more than one user can execute terraform plan and terraform apply

**Answer: C**

#### NEW QUESTION 41

You are making changes to existing Terraform code to add some new infrastructure. When is the best time to run terraform validate?

- A. After you run terraform apply so you can validate your infrastructure  
B. Before you run terraform apply so you can validate your provider credentials  
C. Before you run terraform plan so you can validate your code syntax  
D. After you run terraform plan so you can validate that your state file is consistent with your infrastructure

**Answer: C**

#### NEW QUESTION 42

You have a simple Terraform configuration containing one VM (virtual machine) in a cloud provider. You run terraform apply and the VM is created successfully. What will happen if you run terraform apply again immediately afterwards without changing any Terraform code?

- A. Terraform will terminate and recreate the VM.
- B. Terraform will create another duplicate VM.
- C. Terraform will apply the VM to the state file.
- D. Terraform will take no action.

**Answer:** D

#### NEW QUESTION 46

Only the user that generated a plan may apply it.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 48

When using multiple configurations of the same Terraform provider, what meta-argument must you include in any non-default provider configurations?

- A. depends\_on
- B. alias
- C. name
- D. id

**Answer:** B

#### NEW QUESTION 49

Which of the following can you do with terraform plan? (Pick 2 correct responses)

- A. Schedule Terraform to run at a planned time in the future.
- B. View the execution plan and check if the changes match your expectations.
- C. Save a generated execution plan to apply later.
- D. Execute a plan in a different workspace.

**Answer:** BC

#### NEW QUESTION 54

Which of the following command would be use to access all of the attributes and details of a resource managed by Terraform?

- A. Terraform state show ?? provider\_type\_name
- B. Terraform state list
- C. Terraform get provider\_type\_name
- D. Terraform state list provider\_type\_name

**Answer:** A

#### NEW QUESTION 57

Your security team scanned some Terraform workspaces and found secrets stored in plaintext in state files. How can you protect that data?

- A. Edit your state file to scrub out the sensitive data
- B. Always store your secrets in a secrets.tfvars file
- C. Delete the state file every time you run Terraform
- D. Store the state in an encrypted backend

**Answer:** D

#### NEW QUESTION 61

When you run terraform apply, the Terraform CLI will print output values from both the root module and any child modules.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 63

You cannot install third party plugins using terraform init.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 65

Any user can publish modules to the public Terraform Module Registry.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 68

Which is the best way to specify a tag of v1.0.0 when referencing a module stored in Git (for example. Git::https://example.com/vpc.git)?

- A. Append pref=v1.0.0 argument to the source path
- B. Add version = ??1.0.0?? parameter to module block
- C. Nothing modules stored on GitHub always default to version 1.0.0

**Answer:** A

#### NEW QUESTION 69

What is a Terraform provider not responsible for?

- A. Provisioning infrastructure in multiple cloud providers.
- B. Managing actions to take based on resource differences.
- C. Managing resources and data sources based on an API.
- D. Understanding API interactions with a hosted service.

**Answer:** A

#### NEW QUESTION 70

Terraform providers are always installed from the Internet.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 73

How can a ticket-based system slow down infrastructure provisioning and limit the ability to scale? Choose two correct answers.

- A. End-users have to request infrastructure changes
- B. Ticket based systems generate a full audit trail of the request and fulfillment process
- C. Users can access catalog of approved resources from drop down list in a request form
- D. The more resources your organization needs, the more tickets your infrastructure team has to process

**Answer:** A

#### NEW QUESTION 75

A Terraform provider is NOT responsible for:

- A. Exposing resources and data sources based on an APUI
- B. Managing actions to take based on resources differences
- C. Understanding API interactions with some service
- D. Provisioning infrastructure in multiple

**Answer:** D

#### NEW QUESTION 80

Variables declared within a module are accessible outside of the module.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 81

Which statement describes a goal of Infrastructure as Code (IaC)?

- A. A pipeline process to test and deliver software.
- B. Write once, run anywhere.
- C. The programmatic configuration of resources.
- D. Defining a vendor-agnostic API.

**Answer:** C

#### NEW QUESTION 82

You should run terraform fnt to rewrite all Terraform configurations within the current working directory to conform to Terraform-style conventions.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 85

Which of the following statements about Terraform modules is not true?

- A. Modules can call other modules
- B. A module is a container for one or more resources
- C. Modules must be publicly accessible
- D. You can call the same module multiple times

**Answer:** C

#### NEW QUESTION 89

If a module declares a variable with a default, that variable must also be defined within the module.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 94

When does Terraform create the .terraform.lock.hc1 file?

- A. After your first terraform plan
- B. After your first terraform apply
- C. After your first terraform init
- D. When you enable state locking

**Answer:** C

#### NEW QUESTION 99

You want to define multiple data disks as nested blocks inside the resource block for a virtual machine. What Terraform feature would help you define the blocks using the values in a variable?

- A. Local values
- B. Count arguments
- C. Collection functions
- D. Dynamic blocks

**Answer:** D

#### NEW QUESTION 103

terraform plan updates your state file.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 108

You are creating a reusable Terraform configuration and want to include an optional billing\_dept tag so your Finance team can track team-specific spending on resources. Which of the following billing\_dept variable declarations will achieve this?

- A. variable "billing\_dept" { type = default}
- B. variable "billing\_dept" { default =}
- C. variable "billing\_dept" { type = optional(string)}
- D. variable "billing\_dept" { optional = true}

**Answer:** C

#### NEW QUESTION 113

All modules published on the official Terraform Module Registry have been verified by HashiCorp.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 114

Which of these statements about HCP Terraform/Terraform Cloud workspaces is false?

- A. They can securely store cloud credentials.
- B. They have role-based access controls.
- C. Plans and applies can be triggered via version control system integrations.
- D. You must use the CLI to switch between workspaces.

**Answer: D**

#### NEW QUESTION 116

What is the primary purpose of IaC (Infrastructure as Code)?

- A. To provision infrastructure cheaply.
- B. To programmatically create and configure resources.
- C. To define a vendor-agnostic API.
- D. To define a pipeline to test and deliver software.

**Answer: B**

#### NEW QUESTION 118

You're writing a Terraform configuration that needs to read input from a local file called `id_rsa.pub`. Which built-in Terraform function can you use to import the file's contents as a string?

- A. `fileset("id_rsa.pub")`
- B. `file("id_rsa.pub")`
- C. `filebase64("id_rsa.pub")`
- D. `templatefile("id_rsa.pub")`

**Answer: B**

#### NEW QUESTION 122

What is terraform plan -refresh-only intended to detect?

- A. Terraform configuration code changes
- B. Corrupt state files
- C. State file drift
- D. Empty state files

**Answer: C**

#### NEW QUESTION 123

You have never used Terraform before and would like to test it out using a shared team account for a cloud provider. The shared team account already contains 15 virtual machines (VM). You develop a Terraform configuration containing one VM. perform terraform apply, and see that your VM was created successfully. What should you do to delete the newly-created VM with Terraform?

- A. The Terraform state file contains all 16 VMs in the team account
- B. Execute terraform destroy and select the newly-created VM.
- C. Delete the Terraform state file and execute terraform apply.
- D. The Terraform state file only contains the one new VM
- E. Execute terraform destroy.
- F. Delete the VM using the cloud provider console and terraform apply to apply the changes to the Terraform state file.

**Answer: C**

#### NEW QUESTION 124

Which of these are features of HCP Terraform/Terraform Cloud? (Pick the 2 correct responses)

- A. Automatic backups of configuration and state.
- B. Remote state storage.
- C. Automated infrastructure deployment visualization.
- D. A web-based user interface (UI).

**Answer: BD**

#### NEW QUESTION 126

Define the purpose of state in Terraform.

- A. State maps real world resources to your configuration and keeps track of metadata
- B. State lets you enforce resource configurations that relate to compliance policies
- C. State stores variables and lets you quickly reuse existing code
- D. State codifies the dependencies of related resources

**Answer: A**

#### NEW QUESTION 128

Which of these are features of Terraform Cloud? Choose two correct answers.

- A. A web-based user interface (UI)
- B. Automated infrastructure deployment visualization
- C. Automatic backups
- D. Remote state storage

**Answer:** AD

#### NEW QUESTION 132

Which of the following is not an advantage of using Infrastructure as Code (IaC) operations?

- A. Self-service infrastructure deployment.
- B. Modify a count parameter to scale resources.
- C. API-driven workflows.
- D. Troubleshoot via a Linux diff command.
- E. Public cloud console configuration workflows.

**Answer:** E

#### NEW QUESTION 133

When you use a backend that requires authentication, it is best practice to:

- A. Run all of your Terraform commands on a shared server or container.
- B. Configure the authentication credentials in your Terraform configuration files, and store them in a private version control system.
- C. Use environment variables to configure authentication credentials outside of your Terraform configuration.
- D. None of the above.

**Answer:** C

#### NEW QUESTION 138

Which parameters does terraform import require? Choose two correct answers.

- A. Provider
- B. Resource ID
- C. Resource address
- D. Path

**Answer:** BC

#### NEW QUESTION 143

Which two steps are required to provision new infrastructure in the Terraform workflow? Choose two correct answers.

- A. Plan
- B. Import
- C. Alidate
- D. Init
- E. apply

**Answer:** DE

#### NEW QUESTION 146

Which task does terraform init not perform?

- A. Discovers all providers used in the configuration and downloads them.
- B. Validates that values are set for all required input variables.
- C. Connects to the configured backend.
- D. Discovers any remote modules and downloads them.

**Answer:** B

#### NEW QUESTION 149

Which of these are secure options for storing secrets for connecting to a Terraform remote backend? Choose two correct answers.

- A. A variable file
- B. Defined in Environment variables
- C. Inside the backend block within the Terraform configuration
- D. Defined in a connection configuration outside of Terraform

**Answer:** BD

#### NEW QUESTION 150

Which of the following is not a way to trigger terraform destroy?

- A. terraform destroy
- B. All of these will trigger terraform destroy
- C. terraform plan -destroy
- D. terraform destroy -auto-approve

**Answer:** C

#### NEW QUESTION 151

If a DevOps team adopts AWS CloudFormation as their standardized method for provisioning public cloud resources, which of the following scenarios poses a challenge for this team?

- A. The team is asked to manage a new application stack built on AWS-native services
- B. The organization decides to expand into Azure wishes to deploy new infrastructure
- C. The team is asked to build a reusable code based that can deploy resources into any AWS region
- D. The DevOps team is tasked with automating a manual, web console-based provisioning.

**Answer:** B

#### NEW QUESTION 155

What command can you run to generateDOT (Graphviz)formatted data to visualize Terraform dependencies?

- A. terraform refresh
- B. terraform graph
- C. terraform output
- D. terraform show

**Answer:** B

#### NEW QUESTION 160

You modified your Terraform configuration to fix a typo in the resource ID by renaming it from photoes to photos. What configuration will you add to update the resource ID in state without destroying the existing resource?

Original configuration:

```
resource "aws_s3_bucket" "photoes" { bucket_prefix = "images" }
```

Updated configuration:

```
resource "aws_s3_bucket" "photos" { bucket_prefix = "images" }
```

- A. `moved {from = aws_s3_bucket.photoesto = aws_s3_bucket.photos}`
- B. `moved {bucket.photoes = aws_s3_bucket.photos}`
- C. `moved {aws_s3_bucket.photoes = aws_s3_bucket.photos}`
- D. Non
- E. Terraform will automatically update the resource ID.

**Answer:** A

#### NEW QUESTION 163

When should you run terraform init?

- A. Every time you run terraform apply
- B. Before you start coding a new Terraform project
- C. After you run terraform plan for the time in a new terraform project and before you run terraform apply
- D. After you start coding a new terraform project and before you run terraform plan for the first time.

**Answer:** D

#### NEW QUESTION 168

Where in your Terraform configuration do you specify remote state storage settings?

- A. The resource block
- B. The provider block
- C. The data block
- D. The terraform block

**Answer:** D

#### NEW QUESTION 173

A terraform apply can not infrastructure.

- A. change
- B. destroy
- C. provision
- D. import

**Answer:** D

#### NEW QUESTION 176

When you include a module block in your configuration that references a module from the Terraform Registry, the "version" attribute is required.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 181

Only the user that generated a terraform plan may apply it.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 184

Which backend does the Terraform CLI use by default?

- A. Depends on the cloud provider configured
- B. HTTP
- C. Remote
- D. Terraform Cloud
- E. Local

**Answer:** E

#### NEW QUESTION 185

It is best practice to store secret data in the same version control repository as your Terraform configuration.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 188

You've just finished refactoring part of your Terraform workspace's configuration to use a module to manage some of your resources. When you plan your changes, you notice that Terraform will destroy and recreate the affected resources. Doing so could cause unintended downtime in the application your workspace manages. What supported approach should you take to complete the refactor without destroying and recreating your resources?

- A. Add moved blocks to your configuration to let Terraform know the new resource addresses for the affected resources.
- B. Run the terraform console command to edit your workspace's state and update the resource names.
- C. Manually edit your terraform.tfstate file and update the resource names.
- D. Open your cloud provider's console and rename the affected resources.

**Answer:** A

#### NEW QUESTION 191

Which of the following is not a valid Terraform collection type?

- A. Tree
- B. Map
- C. List
- D. set

**Answer:** A

#### NEW QUESTION 195

When you initialize Terraform, where does it cache modules from the public Terraform Registry?

- A. In the /tmp directory.
- B. In the .terraform sub-directory.
- C. In memory.
- D. They are not cached.

**Answer:** B

#### NEW QUESTION 200

Which method for sharing Terraform modules fulfills the following criteria: Keeps the module configurations confidential within your organization. Supports Terraform's semantic version constraints. Provides a browsable directory of your modules.

- A. A Git repository containing your modules.
- B. Public Terraform module registry.
- C. A subfolder within your workspace.

D. HCP Terraform/Terraform Cloud private registry.

**Answer:** D

#### NEW QUESTION 202

When using multiple configuration of the same Terraform provider, what meta-argument must you include in any non-default provider configurations?

- A. Alias
- B. Id
- C. Depends\_on
- D. name

**Answer:** A

#### NEW QUESTION 207

What does terraform import do?

- A. Imports existing resources into the state file
- B. Imports all infrastructure from a given cloud provider
- C. Imports a new Terraform module
- D. Imports clean copies of tainted resources
- E. None of the above

**Answer:** A

#### NEW QUESTION 208

You just scaled your VM infrastructure and realize you set the count variable to the wrong value. You correct the value and save your change. What must you do next to make your infrastructure match your configuration?

- A. Reinitialize because your configuration has changed.
- B. Inspect all Terraform outputs to make sure they are correct.
- C. Inspect your Terraform state because you want to change it.
- D. Run terraform apply and confirm the planned changes.

**Answer:** D

#### NEW QUESTION 210

You have a Terraform configuration that defines a single virtual machine with no references to it, You have run terraform apply to create the resource, and then removed the resource definition from your Terraform configuration file. What will happen you run terraform apply in the working directory again?

- A. Terraform will remove the virtual machine from the state file, but the resource will still exist
- B. Nothing
- C. Terraform will error
- D. Terraform will destroy the virtual machine

**Answer:** D

#### NEW QUESTION 214

Exhibit:

```
data "vsphere_datacenter" "dc" {} resource "vsphere_folder" "parent" {
  path = "Production" type = "vm"
  datacenter_id =
}
```

You want to pass the id of the vsphere\_datacenter data source to the datacenter\_id argument of the vsphere\_folder resource. Which reference would you use?

- A. data.vsphere\_datacenter.de.id
- B. vsphere\_datacenter.dc.id
- C. data.vsphere\_datacenter.dc
- D. data.de.id

**Answer:** A

#### NEW QUESTION 219

A Terraform local value can reference other Terraform local values.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 223

In a HCP Terraform/Terraform Cloud workspace linked to a version control repository, speculative plan runs start automatically when you merge or commit changes to version control.

- A. True
- B. False

**Answer:** A

#### NEW QUESTION 227

terraform apply will fail if you have not run terraform plan first to update the plan output.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 231

When you use a remote backend that needs authentication, HashiCorp recommends that you:

- A. Write the authentication credentials in the Terraform configuration files
- B. Keep the Terraform configuration files in a secret store
- C. Push your Terraform configuration to an encrypted git repository
- D. Use partial configuration to load the authentication credentials outside of the Terraform code

**Answer:** D

#### NEW QUESTION 234

Once you configure a new Terraform backend with a terraform code block, which command(s) should you use to migrate the state file?

- A. terraform destroy, then terraform apply
- B. terraform init
- C. terraform push
- D. terraform apply

**Answer:** A

#### NEW QUESTION 238

You have a list of numbers that represents the number of free CPU cores on each virtual cluster:

numcpus = [ 18, 3, 7, 11, 2 ]

What Terraform function could you use to select the largest number from the list?

- A. top(numcpus)
- B. max(numcpus)
- C. ceil (numcpus)
- D. hight[numcpus]

**Answer:** B

#### NEW QUESTION 243

By default, if you do not define a backend for your configuration, where does Terraform store information about the resources that it manages?

- A. A subdirectory of your home directory named .terraform.d
- B. A file in your configuration's directory named terraform.tfstate
- C. A file in your configuration's directory named .terraform.lock.hcl
- D. A subdirectory of your configuration named .terraform

**Answer:** B

#### NEW QUESTION 245

You decide to move a Terraform state file to Amazon S3 from another location. You write the code below into a file called backend.tf.

Which command will migrate your current state file to the new S3 remote backend?

- A. terraform state
- B. terraform init
- C. terraform push
- D. terraform refresh

**Answer:** B

#### NEW QUESTION 250

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

- A. True
- B. False

**Answer:** A

**NEW QUESTION 255**

Which of the following is not a valid Terraform variable type?

- A. list
- B. array
- C. map
- D. string

**Answer: B**

**NEW QUESTION 260**

Which of these are features of Terraform Cloud? Choose two correct answers.

- A. Automated infrastructure deployment visualization
- B. Automatic backups
- C. A web-based user interface (UI)
- D. Remote state storage

**Answer: CD**

**NEW QUESTION 264**

Exhibit:  

```
resource "aws_instance" "example" { ami = "ami-0a123456789abcdef" instance_type = "t3.micro" }
```

You are updating a child module with the resource block shown in the exhibit. The `public_ip` attribute of the resource needs to be accessible to the parent module. How do you meet this requirement?

- A. Create an output in the child module.
- B. Add a data source to the parent module.
- C. Add an import block to the parent module.
- D. Create a local value in the child module.

**Answer: A**

**NEW QUESTION 268**

terraform validate reports syntax check errors for which of the following?

- A. Code contains tabs for indentation instead of spaces
- B. There is a missing value for a variable
- C. The state file does not match the current infrastructure
- D. None of the above

**Answer: D**

**NEW QUESTION 270**

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual Terraform-Associate-004 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the Terraform-Associate-004 Product From:

<https://www.2passeasy.com/dumps/Terraform-Associate-004/>

## Money Back Guarantee

### **Terraform-Associate-004 Practice Exam Features:**

- \* Terraform-Associate-004 Questions and Answers Updated Frequently
- \* Terraform-Associate-004 Practice Questions Verified by Expert Senior Certified Staff
- \* Terraform-Associate-004 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* Terraform-Associate-004 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year