

HashiCorp

Exam Questions Terraform-Associate-004

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



NEW QUESTION 1

Which of the following can you do with terraform plan?
Pick the two correct responses below.

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

Answer: AB

NEW QUESTION 2

Before you can use a remote backend, you must first execute terra-form init.

- A. True
- B. False

Answer: A

NEW QUESTION 3

Exhibit:

```
variable "sizes" { type = list(string)
description = "Valid server sizes" default = ["small", "medium", "large"]
}
```

A variable declaration is shown in the exhibit. Which is the correct way to get the value of medium from this variable?

- A. var.sizes[0]
- B. var.sizes[1]
- C. var.sizes[2]
- D. var.sizes[3]

Answer: B

NEW QUESTION 4

Which of these commands makes your code more human readable?

- A. Terraform validate
- B. Terraform output
- C. Terraform show
- D. Terraform file

Answer: D

NEW QUESTION 5

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 6

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

- A. True
- B. False

Answer: A

NEW QUESTION 7

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 8

All standard backend types support state locking, and remote operations like plan, apply, and destroy.

- A. True
- B. False

Answer: B

NEW QUESTION 9

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 10

You want to use API tokens and other secrets within your team's Terraform workspaces. Where does HashiCorp recommend you store these sensitive values? (Pick the 3 correct responses)

- A. In an HCP Terraform/Terraform Cloud variable, with the sensitive option checked.
- B. In HashiCorp Vault.
- C. In a terraform.tfvars file, securely managed and shared with your team.
- D. In a terraform.tfvars file, checked into your version control system.
- E. In a plaintext document on a shared drive.

Answer: ABC

NEW QUESTION 10

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 11

You can execute terraform fmt to standardize all Terraform configurations within the current working directory to Terraform's canonical format and style.

- A. True
- B. False

Answer: A

NEW QUESTION 14

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 15

You are tasked with making a change to an infrastructure stack running in a public cloud using HCP Terraform/Terraform Cloud. Which pattern follows IaC best practices?

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

Answer: B

NEW QUESTION 20

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 22

Running terraform fmt without any flags in a directory with Terraform configuration files check the formatting of those files without changing their contents.

- A. True
- B. False

Answer: B

NEW QUESTION 25

Which of the following should you add in the required_providers block to define a provider version constraint?

- A. version
- B. version = "3.1"
- C. version: 3.1
- D. version - 3.1

Answer: B

NEW QUESTION 26

Which command must you first run before performing further Terraform operations in a working directory?

- A. terraform import
- B. terraform workspace
- C. terraform plan
- D. terraform init

Answer: D

NEW QUESTION 28

The terraform output command shows outputs from child modules.

- A. True
- B. False

Answer: B

NEW QUESTION 31

Your team is using version 3.1.4 of a module from the public Terraform Registry, and they are worried about possible breaking changes in future versions of the module. Which version argument should you add to the module block to prevent newer versions from being used?

- A. version = "< 3.2"
- B. version = ">= 3.1.5"
- C. version = "3.1.4"
- D. version = "~> 3.1.4"

Answer: C

NEW QUESTION 34

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 35

What does Terraform not reference when running a terraform apply -refresh-only ?

- A. State file
- B. Credentials
- C. Cloud provider
- D. Terraform resource definitions in configuration files

Answer: D

NEW QUESTION 38

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/bPxrFiCYEXAMPLEKEY"
  }

  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

What is the Terraform style convention for indenting a nesting level compared to the one above it?

- A. With a tab
- B. With two spaces
- C. With four spaces
- D. With three spaces

Answer: B

NEW QUESTION 45

You have created a main.tf Terraform configuration consisting of an application server, a database and a load balanced. You ran terraform apply and Terraform created all of the resources successfully.

Now you realize that you do not actually need the load balancer, so you run terraform destroy without any flags. What will happen?

- A. Terraform will prompt you to pick which resource you want to destroy
- B. Terraform will destroy the application server because it is listed first in the code
- C. Terraform will prompt you to confirm that you want to destroy all the infrastructure
- D. Terraform will destroy the main, tf file
- E. Terraform will immediately destroy all the infrastructure

Answer: C

NEW QUESTION 49

Which of the following should you add in the required_providers block to define a provider version constraint?

- A. version ~> 3.1
- B. version >= 3.1
- C. version = ">= 3.1"

Answer: C

NEW QUESTION 53

Only the user that generated a plan may apply it.

- A. True
- B. False

Answer: B

NEW QUESTION 55

When should you use the force-unlock command?

- A. You have a high priority change
- B. Automatic unlocking failed
- C. apply failed due to a state lock
- D. You see a status message that you cannot acquire the lock

Answer: B

NEW QUESTION 59

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 63

You have to initialize a Terraform backend before it can be configured.

- A. True
- B. False

Answer: B

NEW QUESTION 68

What is the Terraform style convention for indenting a nesting level compared to the one above it?

- A. With two spaces.
- B. With four spaces.
- C. With three spaces.
- D. With a tab.

Answer: A

NEW QUESTION 70

You just upgraded the version of a provider in an existing Terraform project. What do you need to do to install the new provider?

- A. Run terraform refresh.
- B. Run terraform init -upgrade.
- C. Run terraform apply -upgrade.
- D. Upgrade your version of Terraform.

Answer: B

NEW QUESTION 72

Which option cannot be used to keep secrets out of Terraform configuration files?

- A. A Terraform provider
- B. Environment variables
- C. A -var flag
- D. secure string

Answer: D

NEW QUESTION 74

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 75

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

- A. True
- B. False

Answer: A

NEW QUESTION 79

Your Terraform configuration declares a variable. You want to enforce that its value meets your specific requirements, and you want to block the Terraform operation if it does not. What should you add to your configuration?

- A. Add a top-level check block.
- B. Add a validation block to the variable block.
- C. Add a top-level validation block.
- D. Add a check block to the variable block.

Answer: B

NEW QUESTION 82

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 86

What does terraform destroy do?

- A. Destroys all infrastructure in the Terraform state file.
- B. Destroys all Terraform code files in the current directory, leaving the state file intact.
- C. Destroys all infrastructure in the configured Terraform provider.
- D. Destroys the Terraform state file, leaving the infrastructure intact.

Answer: A

NEW QUESTION 90

Terraform providers are always installed from the Internet.

- A. True
- B. False

Answer: B

NEW QUESTION 91

How does Terraform determine dependencies between resources?

- A. Terraform requires resource dependencies to be defined as modules and sourced in order
- B. Terraform automatically builds a resource graph based on resources provisioners, special meta-parameters, and the state file (if present)
- C. Terraform requires resources in a configuration to be listed in the order they will be created to determine dependencies
- D. Terraform requires all dependencies between resources to be specified using the depends_on parameter

Answer: B

NEW QUESTION 94

You want to use API tokens and other secrets within your team's Terraform workspaces. Where does HashiCorp recommend you store these sensitive values? (Pick 3)

- A. In a plaintext document on a shared drive.
- B. In a terraform.tfvars file, checked into version control.
- C. In a terraform.tfvars file, securely managed and shared with your team.
- D. In an HCP Terraform/Terraform Cloud variable, with the sensitive option checked.
- E. In HashiCorp Vault.

Answer: CDE

NEW QUESTION 96

You are creating a Terraform configuration which needs to make use of multiple providers, one for AWS and one for Datadog. Which of the following provider blocks would allow you to do this?

A)

```

terraform {
  provider "aws" {
    profile = var.aws_profile
    region  = var.aws_region
  }

  provider "datadog" {
    api_key = var.datadog_api_key
    app_key = var.datadog_app_key
  }
}

```

B)

```

provider "aws" {
  profile = var.aws_profile
  region  = var.aws_region
}

provider "datadog" {
  api_key = var.datadog_api_key
  app_key = var.datadog_app_key
}

```

C)

```

provider "aws" {
  profile = var.aws_profile
  region  = var.aws_region
}

provider "datadog" {
  api_key = var.datadog_api_key
  app_key = var.datadog_app_key
}

```

D)

```

provider {
  "aws" {
    profile = var.aws_profile
    region  = var.aws_region
  }

  "datadog" {
    api_key = var.datadog_api_key
    app_key = var.datadog_app_key
  }
}

```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 98

Which of the following are advantages of using infrastructure as code (IaC) instead of provisioning with a graphical user interface (GUI)? Choose two correct answers.

- A. Prevents manual modifications to your resources
- B. Lets you version, reuse, and share infrastructure configuration
- C. Secures your credentials
- D. Provisions the same resources at a lower cost
- E. Reduces risk of operator error

Answer: BE

NEW QUESTION 99

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

- A. True
- B. False

Answer: B

NEW QUESTION 103

You have developed a new cloud-based service that uses proprietary APIs and want to use Terraform to create, manage, and delete users from the service. How can Terraform interact with the service?

- A. Terraform can manage users for any service that is hosted on a public cloud provider.
- B. Develop and publish a custom provider to interact with the service using its proprietary APIs.

Answer: B

NEW QUESTION 104

Which of the following does terraform apply change after you approve the execution plan? (Choose two.)

- A. Cloud infrastructure
- B. The .terraform directory
- C. The execution plan
- D. State file
- E. Terraform code

Answer: AD

NEW QUESTION 105

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 106

A resource block is shown in the Exhibit space of this page. What is the Terraform resource name of that resource block?

- A. azurearm
- B. azurearm_resource_group
- C. ev
- D. test

Answer: C

NEW QUESTION 107

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

- A. True
- B. False

Answer: A

NEW QUESTION 110

When using a remote backend or terraform Cloud integration, where does Terraform save resource state?

- A. In an environment variable
- B. On the disk
- C. In the remote backend or Terraform Cloud
- D. In memory

Answer: C

NEW QUESTION 114

What is the provider for this resource?

- A. Vpc
- B. Test
- C. Main
- D. aws

Answer: D

NEW QUESTION 119

Which parameters does the import block require? (Pick the 2 correct responses below.)

- A. The resource ID
- B. Provider
- C. The target resource address
- D. Backend

Answer: AC

NEW QUESTION 123

When declaring a variable, setting the sensitive argument to true will prevent the value from being stored in the state file.

- A. True
- B. False

Answer: B

NEW QUESTION 128

If you update the version constraint in your Terraform configuration, Terraform will update your lock file the next time you run terraform Init.

- A. True
- B. False

Answer: A

NEW QUESTION 131

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

- A. True
- B. False

Answer: B

NEW QUESTION 135

Which of the following are advantages of using infrastructure as code (IaC) instead of provisioning with a graphical user interface (GUI)? Choose two correct

answers.

- A. Lets you version, reuse, and share infrastructure configuration
- B. Provisions the same resources at a lower cost
- C. Secures your credentials
- D. Reduces risk of operator error
- E. Prevents manual modifications to your resources

Answer: AD

NEW QUESTION 136

What does Terraform use the .terraform.lock.hc1 file for?

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

Answer: B

NEW QUESTION 141

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 142

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 143

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 144

Which of these workflows is only enabled by the use of Infrastructure as Code?

- A. Automatic scaling of resources based on application load.
- B. Role-based access control of cloud resources.
- C. Cost optimization of infrastructure deployment.
- D. Reviewing the proposed changes for potential security issues.

Answer: D

NEW QUESTION 146

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 150

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 154

What kind of configuration block will create an infrastructure object with settings specified within the block?

- A. provider
- B. state
- C. data
- D. resource

Answer: D

NEW QUESTION 155

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

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

Answer: BC

NEW QUESTION 160

Which command does not cause Terraform to refresh its state?

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

Answer: A

NEW QUESTION 161

terraform validate uses provider APIs to verify your infrastructure settings.

- A. True
- B. False

Answer: B

NEW QUESTION 164

Setting the TF_LOG environment variable to DEBUG causes debug messages to be logged into stdout.

- A. True
- B. False

Answer: A

NEW QUESTION 165

Your risk management organization requires that new AWS S3 buckets must be private and encrypted at rest. How can Terraform Cloud automatically and proactively enforce this security control?

- A. Auditing cloud storage buckets with a vulnerability scanning tool
- B. By adding variables to each Terraform Cloud workspace to ensure these settings are always enabled
- C. With an S3 module with proper settings for buckets
- D. With a Sentinel policy, which runs before every apply

Answer: D

NEW QUESTION 170

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 172

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

- A. terraform state list ??provider_type.name??
- B. terraform state show ??provider_type.name??
- C. terraform get ??provider_type.name??
- D. terraform state list

Answer: B

NEW QUESTION 176

Which of the following is available only in HCP Terraform workspaces and not in Terraform CLI?

- A. Dry runs with terraform plan.
- B. Secure variable storage.
- C. Using one workspace's state as a data source for another.
- D. Support for multiple cloud providers.

Answer: C

NEW QUESTION 178

You can configure multiple cloud blocks in your Terraform configuration to connect your workspace to both HCP Terraform and your Terraform Enterprise instance.

- A. True
- B. False

Answer: B

NEW QUESTION 182

You add a new resource to an existing Terraform configuration, but do not update the version constraint in the configuration. The existing and new resources use the same provider. The working contains a .terraform.lock, hc1 file. How will Terraform choose which version of the provider to use?

- A. Terraform will use the version recorded in your lock file
- B. Terraform will use the latest version of the provider for the new resource and the version recorded in the lock file to manage existing resources
- C. Terraform will check your state file to determine the provider version to use
- D. Terraform will use the latest version of the provider available at the time you provision your new resource

Answer: A

NEW QUESTION 186

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 190

Exhibit.

```
provider "aws" {
  region = "us-east-1"
}
```

```
provider "aws" {
  alias = "west"
  region = "us-west-2"
}
```

You need to deploy resources into two different regions in the same Terraform configuration. To do this, you declare multiple provider configurations as shown in the Exhibit space on this page.

What meta-argument do you need to configure in a resource block to deploy the resource to the us-west-2 AWS region?

- A. provider = aws.west
- B. alias = aws.west

- C. provider = west
- D. alias = west

Answer: A

NEW QUESTION 195

When should you write Terraform configuration files for existing infrastructure that you want to start managing with Terraform?

- A. You can import infrastructure without corresponding Terraform code
- B. Terraform will generate the corresponding configuration files for you
- C. Before you run terraform Import
- D. After you run terraform import

Answer: C

NEW QUESTION 199

What kind of configuration block will manage an infrastructure object with settings specified within the block?

- A. resource
- B. provider
- C. data
- D. locals

Answer: A

NEW QUESTION 201

terraform destroy is the only way to remove infrastructure.

- A. True
- B. False

Answer: B

NEW QUESTION 203

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 207

Which two steps are required to provision new infrastructure in the Terraform workflow? (Pick the 2 correct responses below.)

- A. Import
- B. Apply
- C. Validate
- D. Plan
- E. Init

Answer: BD

NEW QUESTION 209

Which of the following is not an action performed by terraform init?

- A. Initialize a configured backend.
- B. Create template configuration files.
- C. Load required provider plugins.
- D. Retrieve the source code for all referenced modules.

Answer: B

NEW QUESTION 212

In a Terraform Cloud workspace linked to a version control repository speculative plan run start automatically commit changes to version control.

- A. True
- B. False

Answer: A

NEW QUESTION 216

Your root module contains a variable named num_servers. Which is the correct way to pass its value to a child module with an input named servers?

- A. servers = num_servers
- B. servers = var(num_servers)
- C. servers = var.num_servers
- D. servers = \${var.num_servers}

Answer: C

NEW QUESTION 220

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 225

Which of the following locations can Terraform use as a private source for modules? (Pick 2 correct responses)

- A. Public repository on GitHub.
- B. Public Terraform Registry.
- C. Internally hosted VCS (Version Control System) platform.
- D. Private repository on GitHub.

Answer: CD

NEW QUESTION 227

Terraform variable names are saved in the state file.

- A. True
- B. False

Answer: B

NEW QUESTION 232

Terraform configuration (including any module references) can contain only one Terraform provider type.

- A. True
- B. False

Answer: B

NEW QUESTION 234

Terraform requires using a different provider for each cloud provider where you want to deploy resources.

- A. True
- B. False

Answer: A

NEW QUESTION 237

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 238

You want to define a single input variable to capture configuration values for a server. The values must represent memory as a number, and the server name as a string.

Which variable type could you use for this input?

- A. List
- B. Object
- C. Map
- D. Terraform does not support complex input variables of different types

Answer: B

NEW QUESTION 243

A developer launched a VM outside of the Terraform workflow and ended up with two servers with the same name. They are unsure which VM is managed with Terraform, but they do have a list of all active VM IDs. Which method could you use to determine which instance Terraform manages?

- A. Modify the Terraform configuration to add an import block for both of the virtual machines.
- B. Run a terraform apply -refresh to identify the virtual machine IDs that are already managed by Terraform.
- C. Run terraform state rm on both VMs, then terraform apply to recreate the correct one.
- D. Run terraform state list to find the names of all VMs, then run terraform state show for each of them to find which VM ID Terraform manages.

Answer: D

NEW QUESTION 244

You use a cloud provider account that is shared with other team members. You previously used Terraform to create a load balancer that listens on port 80. After application changes, you updated the Terraform code to change the port to 443.

You run terraform plan and see that the execution plan shows the port changing from 80 to 443 like you intended and step away to grab some coffee.

In the meantime, another team member manually changes the load balancer port to 443 through the cloud provider console before you get back to your desk.

What will happen when you run terraform apply upon returning to your desk?

- A. Terraform will recreate the load balancer.
- B. Terraform will fail with an error because the state file is no longer accurate.
- C. Terraform will change the load balancer port to 80, and then change it back to 443.
- D. Terraform will not make any changes to the load balancer and will update the state file to reflect the manual change.

Answer: B

NEW QUESTION 248

A Terraform local value can reference other Terraform local values.

- A. True
- B. False

Answer: A

NEW QUESTION 252

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 257

What is modified when executing Terraform inrefresh-only mode?

- A. Your Terraform configuration.
- B. Your Terraform plan.
- C. Your state file.
- D. Your cloud infrastructure.

Answer: C

NEW QUESTION 261

What is the purpose of state locking in a remote backend?

- A. Encrypts the state in the remote backend.
- B. Requires every instance of Terraform to use the same provider version.
- C. Creates a backup of the state file in a secure location.
- D. Ensures only one instance of Terraform can modify the state at a time.

Answer: D

NEW QUESTION 264

Your DevOps team is currently using the local backend for your Terraform configuration. You would like to move to a remote backend to store the state file in a central location. Which of the following backends would not work?

- A. Artifactory
- B. Amazon S3
- C. Terraform Cloud
- D. Git

Answer: D

NEW QUESTION 269

You created infrastructure outside the Terraform workflow that you now want to manage using Terraform. Which command brings the infrastructure into Terraform

state?

- A. terraform get
- B. terraform refresh
- C. terraform import
- D. terraform init

Answer: C

NEW QUESTION 273

Which Terraform collection type should you use to store key/value pairs?

- A. Set
- B. Map
- C. Tuple
- D. list

Answer: B

NEW QUESTION 277

Terraform configuration can only import modules from the public registry.

- A. True
- B. False

Answer: B

NEW QUESTION 278

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 282

Which of the following is true about terraform apply?(Pick 2 correct responses)

- A. You must pass the output of a terraform plan command to it.
- B. By default, it does not refresh your state file to reflect the current infrastructure configuration.
- C. Depending on provider specification, Terraform may need to destroy and recreate your infrastructure resources.
- D. You cannot target specific resources for the operation.
- E. It only operates on infrastructure defined in the current working directory or workspace.

Answer: CE

NEW QUESTION 285

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

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

Answer: B

NEW QUESTION 290

What is a key benefit of the Terraform state file?

- A. A state file can schedule recurring infrastructure tasks
- B. A state file is a source of truth for resources provisioned with Terraform
- C. A state file is a source of truth for resources provisioned with a public cloud console
- D. A state file is the desired state expressed by the Terraform code files

Answer: B

NEW QUESTION 291

The HCP Terraform private registry keeps the module configurations confidential within your organization.

- A. True
- B. False

Answer: A

NEW QUESTION 292

terraform init retrieves and caches the configuration for all remote modules.

- A. True
- B. False

Answer: B

NEW QUESTION 293

A developer on your team is going to leaf down an existing deployment managed by Terraform and deploy a new one. However, there is a server resource named aws_instance.ubuntu[1] they would like to keep. What command should they use to tell Terraform to stop managing that specific resource?

- A. Terraform plan rm:aws_instance.ubuntu[1]
- B. Terraform state rm:aws_instance.ubuntu[1]
- C. Terraform apply rm:aws_instance.ubuntu[1]
- D. Terraform destroy rm:aws_instance.ubuntu[1]

Answer: B

NEW QUESTION 297

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