

All you need to do is to follow the path here:

<https://learn.hashicorp.com/tutorials/terraform/associate-review>

Below are some **important topics** that you need to focus:

- Get to know the location of terraform state file in various scenarios.
- Know how to write list, map, tuple, objects and difference between them (VERY VERY IMP)
- How to use terraform to build a map of existing infrastructure.
- Terraform logging ( VERY IMP )
- How to refer list, map etc
- Understand terraform workflow well. (IMP)
- Importance of provider in TF code and different ways to refer it (VERY IMP)
- Get to know module structure and parent-child modules relationship ( IMP)
- Use the use of output block
- Use of local
- Benefits of IaC
- Different features available in Terraform CLI, Enterprise and Cloud ( VERY IMP)
- Terraform state ( VERY VERY VERY IMP) - Get to know how to read and modify
- Usecase of taint
- Know the various symbols that you will observe during a resource creation,deletion or update.
- Understand what will happen if you deploy a infra using code and then do manual changes.
- Know the folder locations for different components in TF ( VERY IMP)
- Know the different ways to provide variable inputs ( IMP)
- Use of provisioner and how does it affect the workflow cycle.
- Know the use case of various built in functions ( VERY VERY IMP)
- Understand how to hide sensitive parameters in output.
- Usecase of multiple providers (IMP)
- Know the different backends ( VERY VERY IMP)

- Play around with various important commands: ( VERY VERY IMP)

terraform refresh

terraform plan

terraform init

terraform destroy

terraform taint

terraform state

terraform workspace

terraform validate

terraform fmt

- Very very important to know the use of initialization in terraform.

- Know how to publish modules in terraform registry

- Use of terraform block & Understand the concept of versioning for providers

- When defining modules, know the different ways to refer the source.

I have collected some of the **important reference links** as well for your direct reference:

<https://www.terraform.io/docs/modules/sources.html>

<https://www.terraform.io/docs/cloud/registry/index.html>

<https://www.terraform.io/docs/configuration/types.html>

<https://www.hashicorp.com/products/terraform/pricing>

<https://www.terraform.io/docs/commands/init.html>

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

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

<https://www.terraform.io/docs/internals/resource-addressing.html>

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

<https://www.terraform.io/docs/configuration/data-sources.html>

<https://www.terraform.io/docs/configuration/resources.html#meta-arguments>

<https://learn.hashicorp.com/terraform/getting-started/dependencies>

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

<https://www.terraform.io/docs/configuration/variables.html#list-lt-type-gt>

<https://www.terraform.io/docs/configuration/resources.html#meta-arguments>

<https://www.terraform.io/docs/configuration/expressions.html#for-expressions>

<https://www.terraform.io/docs/registry/providers/docs.html>

<https://www.terraform.io/docs/cloud/migrate/index.html>

<https://www.terraform.io/docs/configuration/variables.html>

<https://www.terraform.io/intro/use-cases.html>

<https://www.terraform.io/docs/configuration/syntax.html>

<https://www.terraform.io/docs/configuration/functions/zipmap.html>

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

Once you feel that you have gone through all documents have a look at below :

<https://medium.com/bb-tutorials-and-thoughts/250-practice-questions-for-terraform-associate-certification-7a3cceb6a1a>