Statefile

What is statefile? where you store statefile and how you use it.

What is state locking in terraform? How you recover the statefile.

How do you manage the state file? or Statefile management in terraform?

What is statefile & how you are managning the statefile.

Terraform state rollback.

How you will secure your terraform state file.

Best practices to keep terraform statefile and how you will secure it for deletion.

Block

Can you write a code for Storage Account using Module? Can you use dynamic block here?

What is life cycle block and why we use it?

What is Provisioners block, How Many types and when you used tell with example?

How many blocks are there in terraform.

Tell me about backend block

What is backend configuration in terraform?

Local Block In the terraform

what does the storage account block contains?

What is data block?

what is Data block any one example.

terraform - what is dynamic block?

Creating Azure vnet & Subnets Using Dynamic Blocks in Terraform

Terraform data Source Block

Explain all terraform blocks.

What is count, for\_each, data block and Dynamic Block?

Execution order of terraform blocks.

What is a dynamic block in terraform and when they used?

Local block

Can we put more than one explicit dependency in same resource block?

VM

write a terraform code create a vm and display a public ip (output block)

How to create a VM via terraform with external disk attached?

Create VM code in terraform with modules structure.

How will you migrate 100 VMs how are you going to create 100 vms with diff name and diff SKUs, how are you going to optimize terraform scripts. Explain step by step.

Terraform code for vm and aks cluster.

I have VPC already created in the child module. Now write a terraform scrip to create a VM using that child module. (Write in physical paper).

consider a scenario you have asked to create 3 different env in a single azure subscription dedicatied state file in enviroment how can manage

there is application depolyment on vm requirements to run script through terraform.

manually created 10 VM in different-different RG's and then automation request comes to do it same thing mange it terraforms, how you do (basically how we update our statefile for existing resources)?

Support you want to add any VM how you will add using the terraform.

How you will deploy 50 VMS in terraform.

How you run scripts on VMs in terraform.

Module

what is module

What is difference between terraform parent and child module.

why we are using module concept in terraform?

How variables are used in module?

What is the purpose of creating a terraform module.

What are key components of terraform module

How you will you a module in the terraform,

Share your screen and write a terraform code of All AKS, ACR, NSG and storage account with module

How you work on Modules in terraform

Have you created AKS using Terraform?

What is your strategy for deploying different environment like dev, Test or Prod.

Which services have been created using Terraform?

Let's say you have multiple environments and you need to set manual validation. How can be done this?

Do we require Terraform Installer every time.

Terraform provisioner and what is Null resource.

Types of input in terraform

What's is terraform import command?

How you change the Terraform version?

How you can back up the terraform configuration files?

Where do you keep the terraform configuration file, in your local system or where, how do you manage it?

Terraform provision. How you will provision the whole infrastructure in azure.

what is Data source

suppose there are 3 .tfvars file with name dev.tfvars, staging.tfvars, prod.tfvars in same folder and i need to call only Prod.tfvars file, tell me the command.

What is for\_each and count in terraform?

Explain modular structure in terraform.

Can you define object also here n code?

Suppose you added tag in your storage account code, but my azure policy is pushing some more tag like created by me. Now we want to add more code over here, you run the code and again azure policy come and change the tag, so can you resolve this.

What is implicit and explicit dependency in terraform?

What is depends on?

how do you define implicit dependency between resources.

What is a cherry pick

How you will maintain security in code as I said secops team is different for security implementation and I write infra code.

How will you update particular resources using command line.

What is terraform taint?

How you migrate data from cloud init to terraform

What is the best approach to write terraform code?

what is command to use update terraform provider

what is terraform refresh command

if i donot want to refresh how can achieve

What things to be keep in mind before creating infrastructure eg. security (Best practices need to tell only in points)

How you review terraform Code

Which configuration you are working in terraform

How your managing the environment using the workspace in the terraform

Terraform import, State file recover

How you upgrade the provider version in terraform.

SQL instance created by terraform but some attributes you don't want to expose with terraform, how you will do it.

How State lock works and its advantage.

If someone modify the code in config file in Terraform what will happen after apply command

Did you face any problem while working on terraform

tfsec tool /tflint use case

arm template

predefine template use case

backend ?

how to restrict multiple people to write state file

two resource created with terrraform two weeks ago , and noticed destroyed and recreated because of some raeson in which senario it will happen (terraform taint k alawa kya resaon ho skta vn delete and recreate

blob strorage for state file then someone delete and donot have backup file . and we apply terraform apply

what happen when state file deleted and we fire apply

What is difference between var.tf and terraform.tfvars

tell the use case combination of terraform and Ansible?

New feature which is not present in terraform how would you provisioning them in azure portal through Terraform?

if we want to validate our terraform code, is we need to execute terraform init commands?

how many types of declare & stored the variable?

Terraform Meta Argument - Explain each

Local variable

What is terraform init command and what it does?

Explain terraform plan & terraform apply

Multiple choice question related to azure provider version

How you will upgrade terraform version?

Share your screen and write a tf code for VPC (Vnet)

If you have this code and if you apply to command terraform init what will happen

How you will pass your terraform. tfvars file to other environments

Are you create a AKS Cluster using terraform? How your creating worker node?

terraform basic command for how they work init, plan & apply.

Have you create workspace in terraform

diff in terraform refresh & terraform import

what is force unlocking in terraform.

what is terraform providers

suppose I have 2 resources in aws & 2 in azure resources, how you will manage

Terraform null\_resource

What happens when someone creates resources manually in the portal?

What are meta-arguments in terraform?

How do you connect your Terraform to your Azure portal?

Terraform state file delete accidentally. What can I do?

Write the key vault creation code in terraform?

What is the version of terraform?

Tell me the CICD process, how you do?

What are the components in backend resource

How can you pass the. tfvars file in terraform

Where provisioners are defined into terraform

Which resources are included in provisioners

Which resources you have created using terraform,

Is it possible to use the Existing terraform templets to create another cloud provider infra using existing templates.

Which deployment strategies you’re using in current organisation.

let's suppose how we can allow in terraform that our team member can't use the incorrect configuration so that our existing resource not destroy.

Can you manage different cloud platform in single configuration file in terraform.

Suppose I delete only a resource in terraform state and perform terraform apply, what error will it give me?

What security tools are you using for scanning terraform and application code?

What are meta-arguments and how for-each works.

What is count and for each.

How you do lookup in Terraform.

what is use of locals in terraform?

terraform grep command?

Tf file deleted how to recover terraform import

How did you use terraform import and have you heard about terraformer?

Why do you use tfsec?

Explain the lifecycle of terraform and usage.

What are different resources you have configured using terraform?

How to manage the provider's versioning in terraform?

what is terraform import?

What are prerequisites to create a storage account through terraform?

How do you configure the setup to write tf configuration files?

How to create the Key vault using Terraform? or how you have created it?

How do you handle the sensitive data like passwords or access keys in Terraform configurations?

Why do you want to change your job?

What is classic editor and yaml pipeline?