Terraform and AWS

Note 1: Terraform ( IaC – Infrastructure as Code)

Terraform is used for the configuration purpose (IaC) and similarly Ansible is used for the integration purpose

Use case : it will be used to deploy very complex infrastructure to the cloud ( AWS, Azure, GCP)

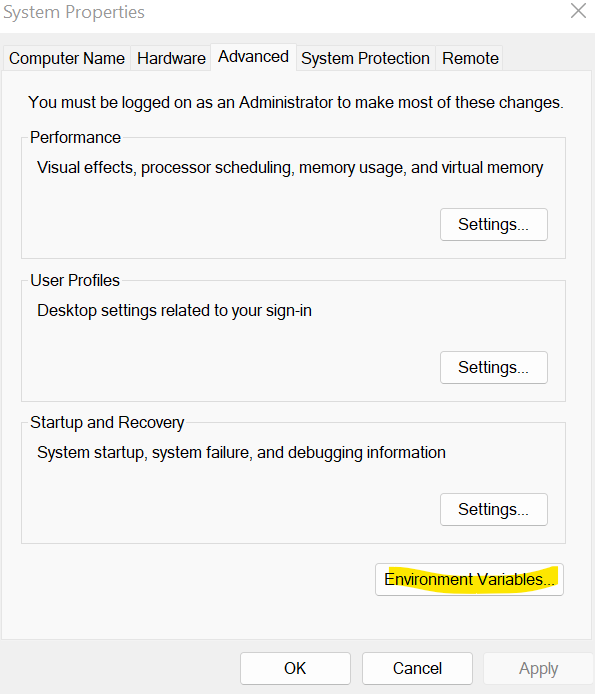
Reference link to all related Document: **https://registry.terraform.io/browse/providers**

**How to Install Terraform**

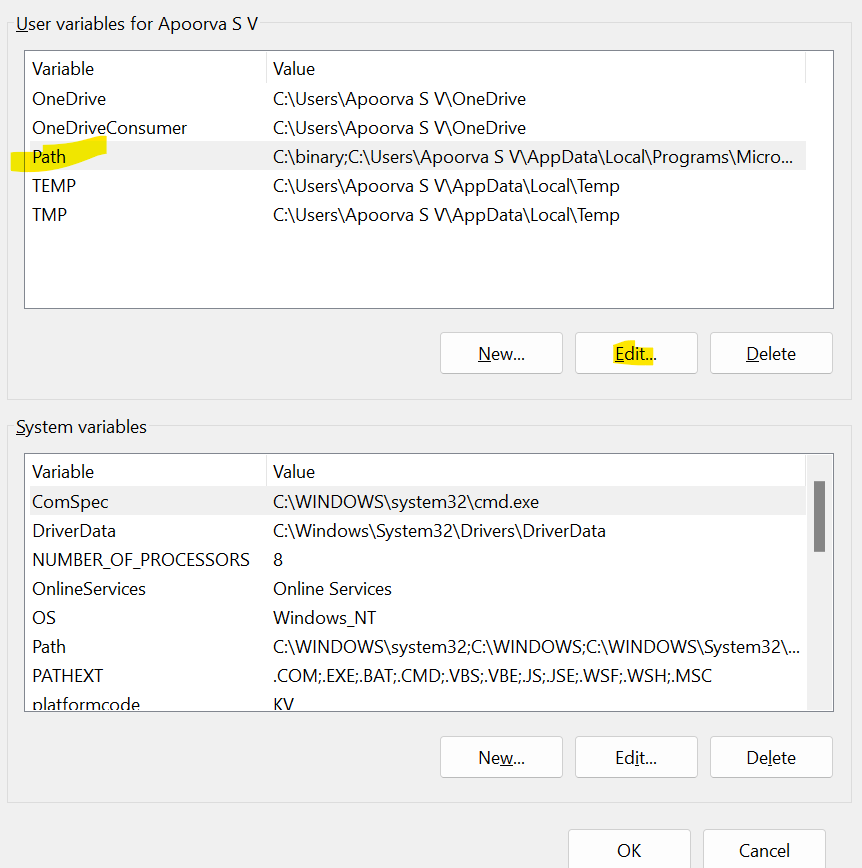
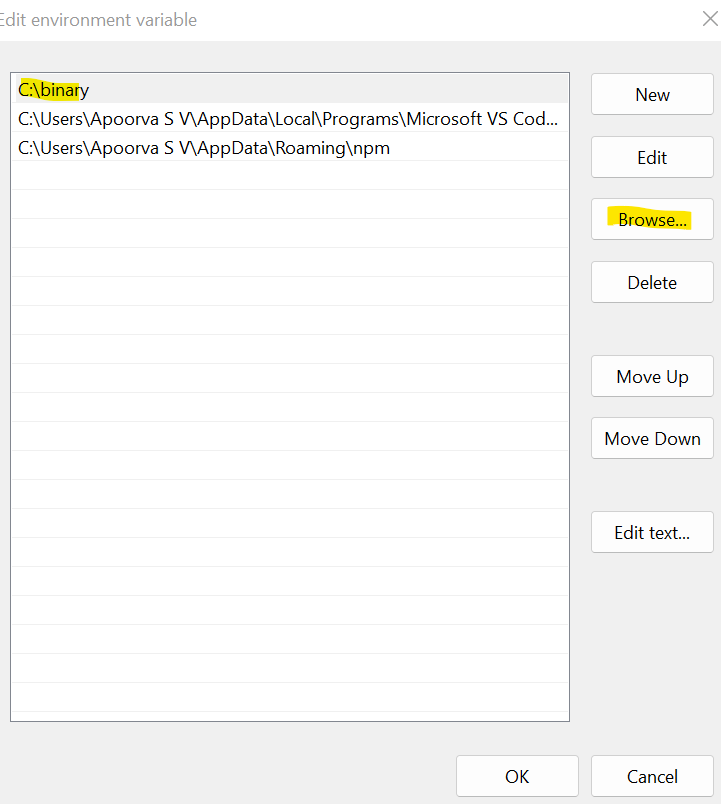
Step 1: Download binary from the google ( AMD64)

Step 2: Once it is installed Extract jar file

Step 3: In your system search for “advance system setting”

Step 4: Click on Environment tab  


Step 5: Click on path and edit then browse you terraform path.

Step 5 : To verify terraform installed go to CMD prompt and enter Terraform (You should able to see terraform related information’s)

**AWS**

1. **After account creation**
2. **Need to create user in IAM (Identity and Access Management) services**

**Terraform scripting**

**Must Provider navigate to respective provide Azure,AWS, etc..**

provider "aws" {

region = "us-east-1"

}