

Experiment 5

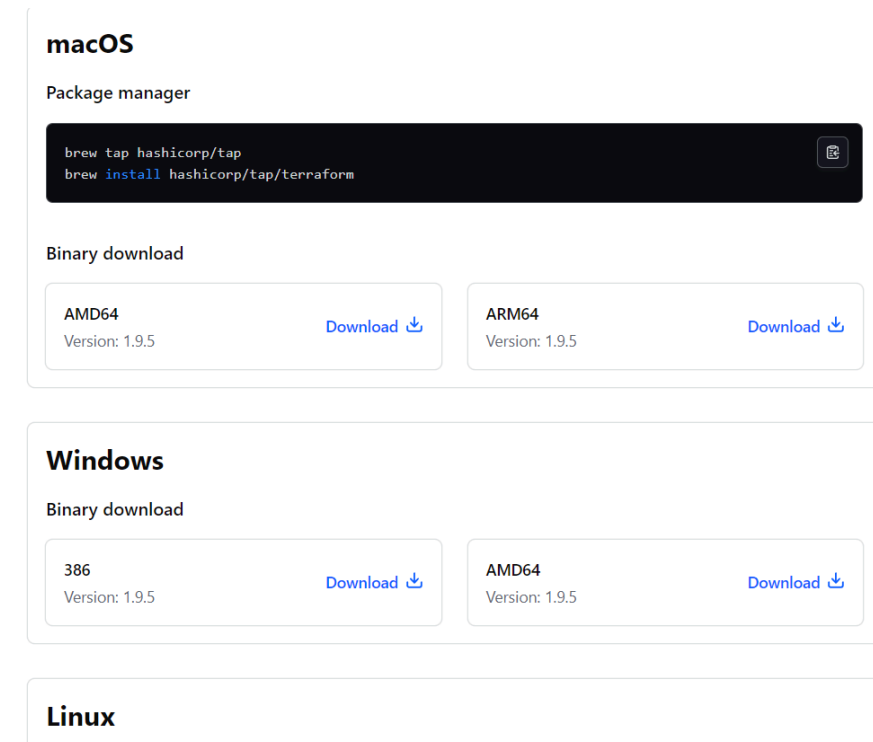
A) Installation and Configuration of Terraform in Windows

Step 1: Download terraform

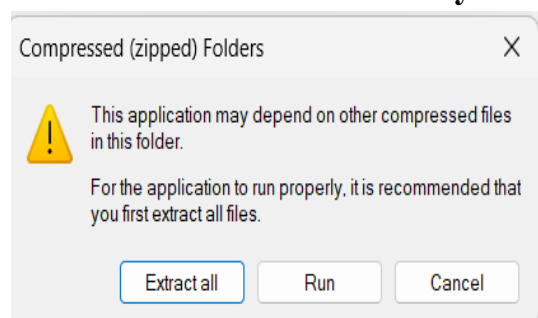
To install Terraform, First Download the Terraform Cli Utility for windows from terraforms official website

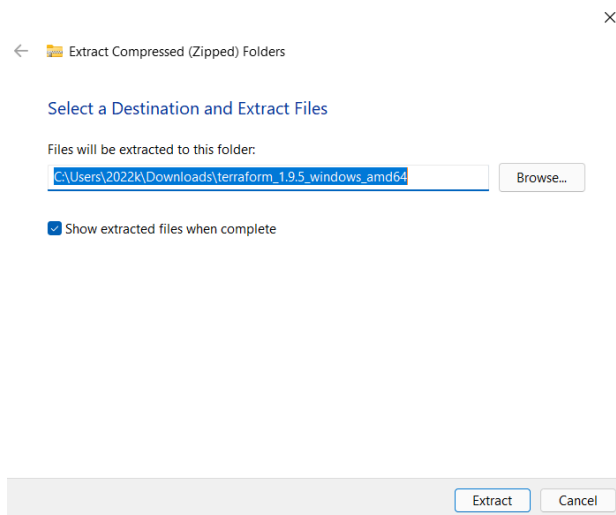
website: <https://www.terraform.io/downloads.html>

Select the Operating System Windows followed by either 32bit or 64 bit based on your OS type.

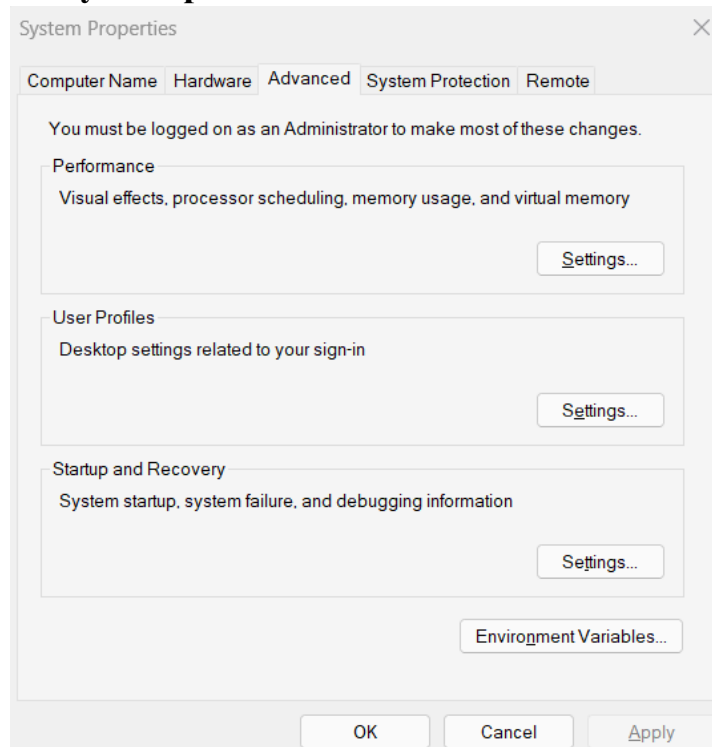


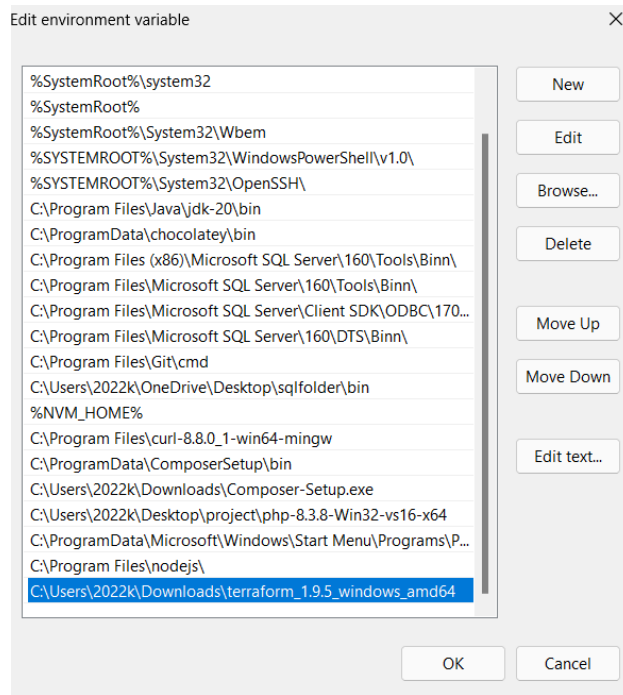
Step 2: Extract the downloaded setup file Terraform.exe in C:\Terraform directory



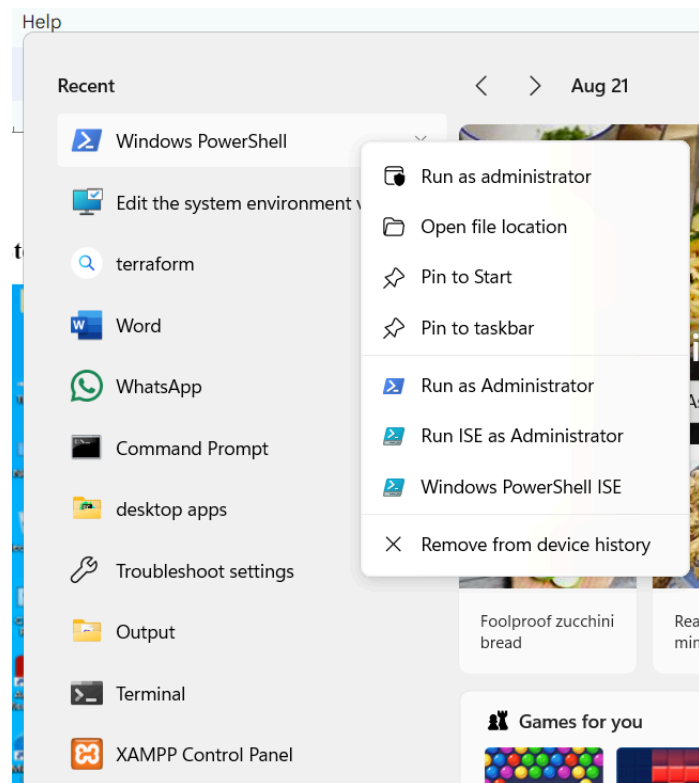


Step 3: Set the System path for Terraform in Environment Variables

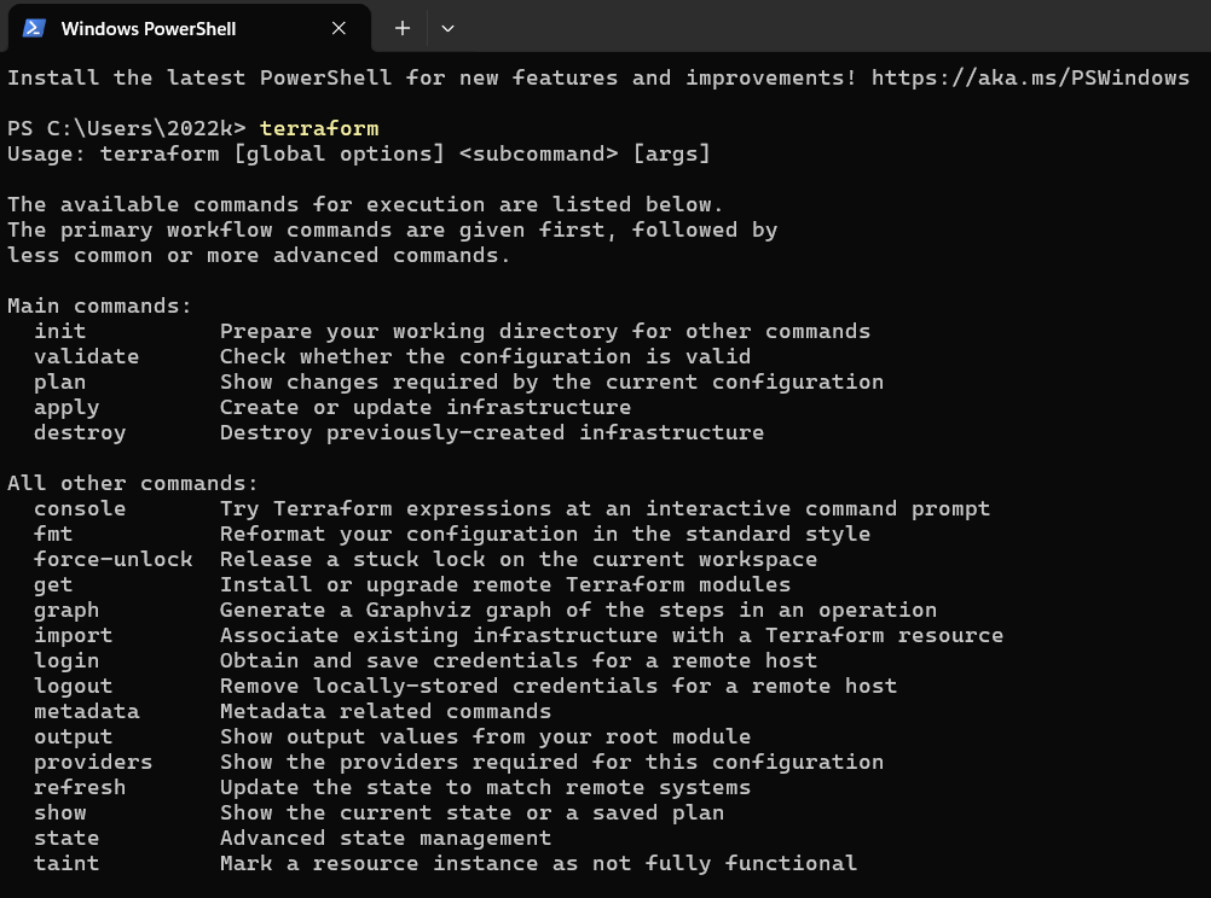




Step 4: Open PowerShell with Admin Access



Step 5 : Open Terraform in PowerShell and check its functionality



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Windows PowerShell
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\2022k> terraform
Usage: terraform [global options] <subcommand> [args]

The available commands for execution are listed below.
The primary workflow commands are given first, followed by
less common or more advanced commands.

Main commands:
  init          Prepare your working directory for other commands
  validate      Check whether the configuration is valid
  plan          Show changes required by the current configuration
  apply         Create or update infrastructure
  destroy       Destroy previously-created infrastructure

All other commands:
  console       Try Terraform expressions at an interactive command prompt
  fmt          Reformat your configuration in the standard style
  force-unlock  Release a stuck lock on the current workspace
  get          Install or upgrade remote Terraform modules
  graph        Generate a Graphviz graph of the steps in an operation
  import       Associate existing infrastructure with a Terraform resource
  login        Obtain and save credentials for a remote host
  logout       Remove locally-stored credentials for a remote host
  metadata     Metadata related commands
  output       Show output values from your root module
  providers    Show the providers required for this configuration
  refresh      Update the state to match remote systems
  show         Show the current state or a saved plan
  state        Advanced state management
  taint        Mark a resource instance as not fully functional
```