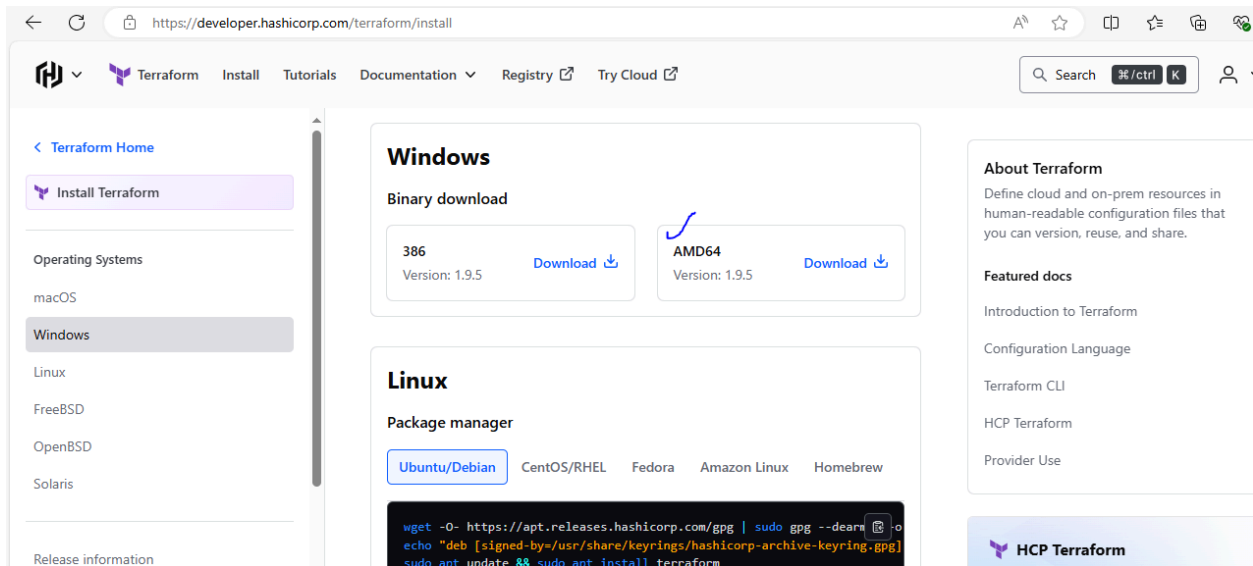


Experiment 5 : Terraform

Aim : Installation and Configuration of Terraform in Windows



The screenshot shows the Terraform installation page for Windows. The page is titled "Windows" and "Binary download". It provides two download links for the Windows binary: "386" and "AMD64", both for version 1.9.5. The "AMD64" link is highlighted with a blue checkmark. Below the download links, there is a section for "Linux" with a "Package manager" subsection. The "Ubuntu/Debian" package manager is selected, and a terminal snippet shows the commands to install Terraform using apt. The page also includes a sidebar with navigation links for "Terraform Home", "Install Terraform", and "Operating Systems" (macOS, Windows, Linux, FreeBSD, OpenBSD, Solaris). The "About Terraform" section on the right explains that Terraform is used to define cloud and on-prem resources in human-readable configuration files. The "Featured docs" section lists various documentation topics, and the "HCP Terraform" section is at the bottom.

Windows

Binary download

386
Version: 1.9.5 [Download](#)

AMD64
Version: 1.9.5 [Download](#)

Linux

Package manager

Ubuntu/Debian CentOS/RHEL Fedora Amazon Linux Homebrew

```
wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg  
echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com/ ubuntu main" | sudo tee /etc/apt/sources.list.d/hashicorp.list  
sudo apt update && sudo apt install terraform
```

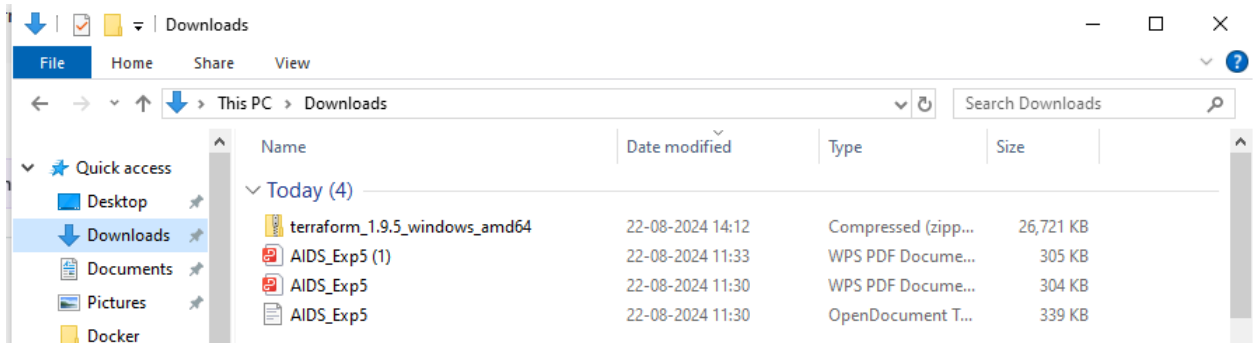
About Terraform

Define cloud and on-prem resources in human-readable configuration files that you can version, reuse, and share.

Featured docs

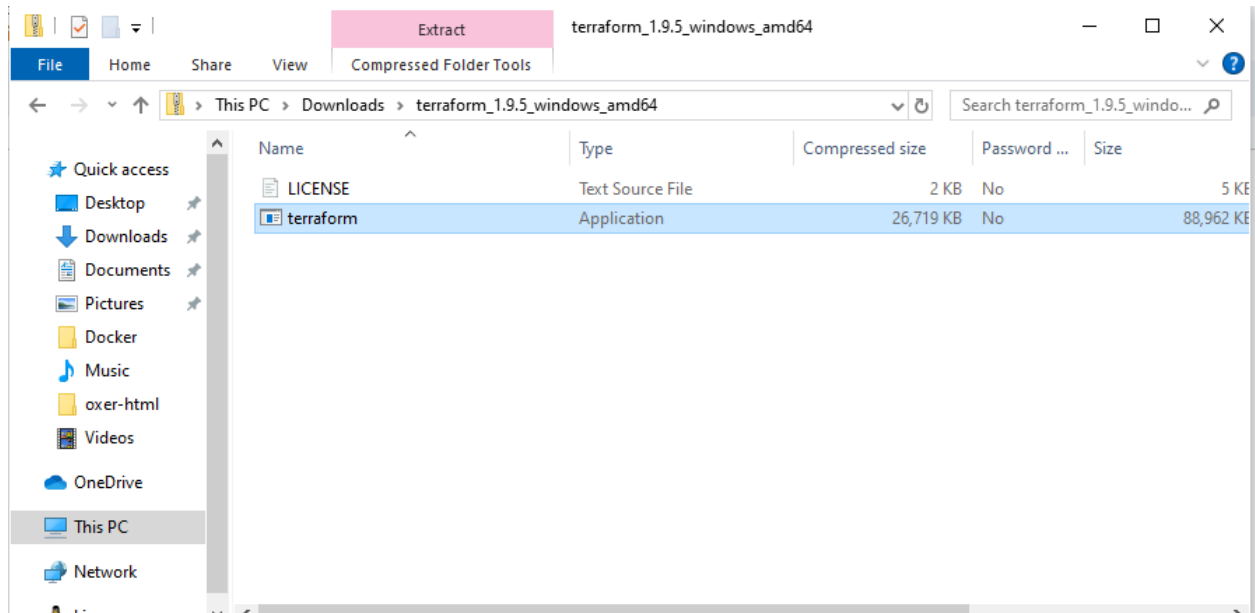
- Introduction to Terraform
- Configuration Language
- Terraform CLI
- HCP Terraform
- Provider Use

HCP Terraform



The screenshot shows a Windows File Explorer window titled "Downloads". The left sidebar shows the "Quick access" pane with "Downloads" selected. The main pane displays a list of files in the Downloads folder. The files are:

Name	Date modified	Type	Size
terraform_1.9.5_windows_amd64	22-08-2024 14:12	Compressed (zipp...	26,721 KB
AIDS_Exp5 (1)	22-08-2024 11:33	WPS PDF Docume...	305 KB
AIDS_Exp5	22-08-2024 11:30	WPS PDF Docume...	304 KB
AIDS_Exp5	22-08-2024 11:30	OpenDocument T...	339 KB



Compressed (zipped) Folders



This application may depend on other compressed files in this folder.

For the application to run properly, it is recommended that you first extract all files.

Extract all

Run

Cancel



Extract Compressed (Zipped) Folders

Select a Destination and Extract Files

Files will be extracted to this folder:

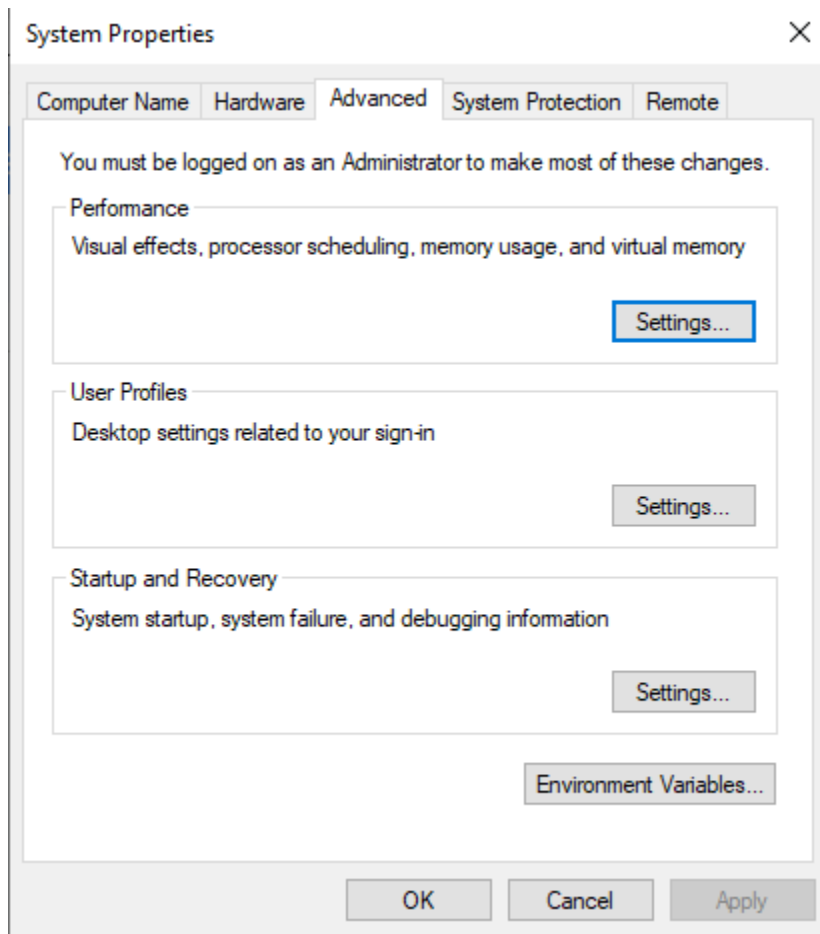
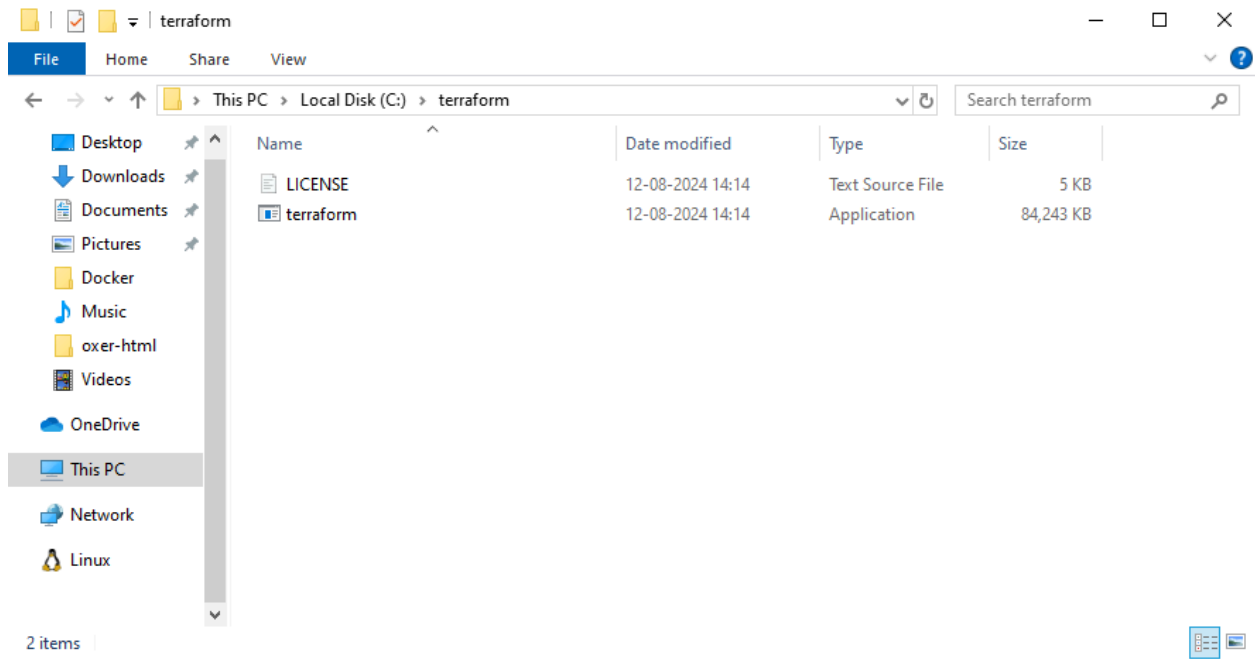
C:\Users\INFT\Downloads\terraform_1.9.5_windows_amd64

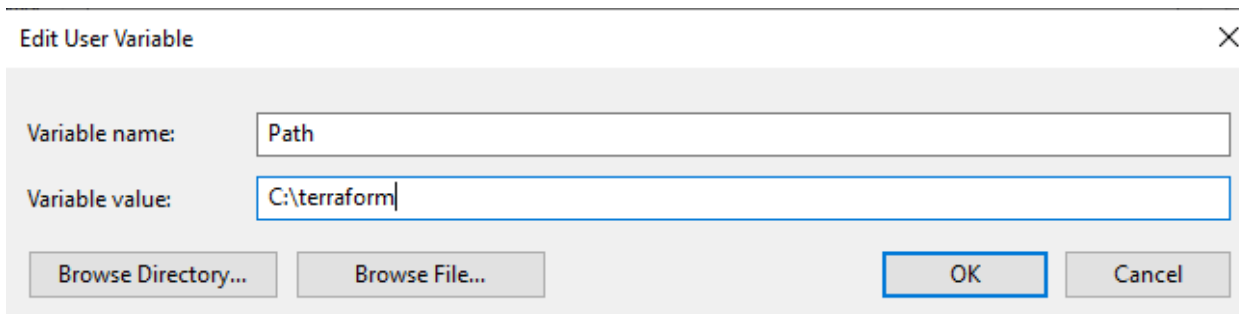
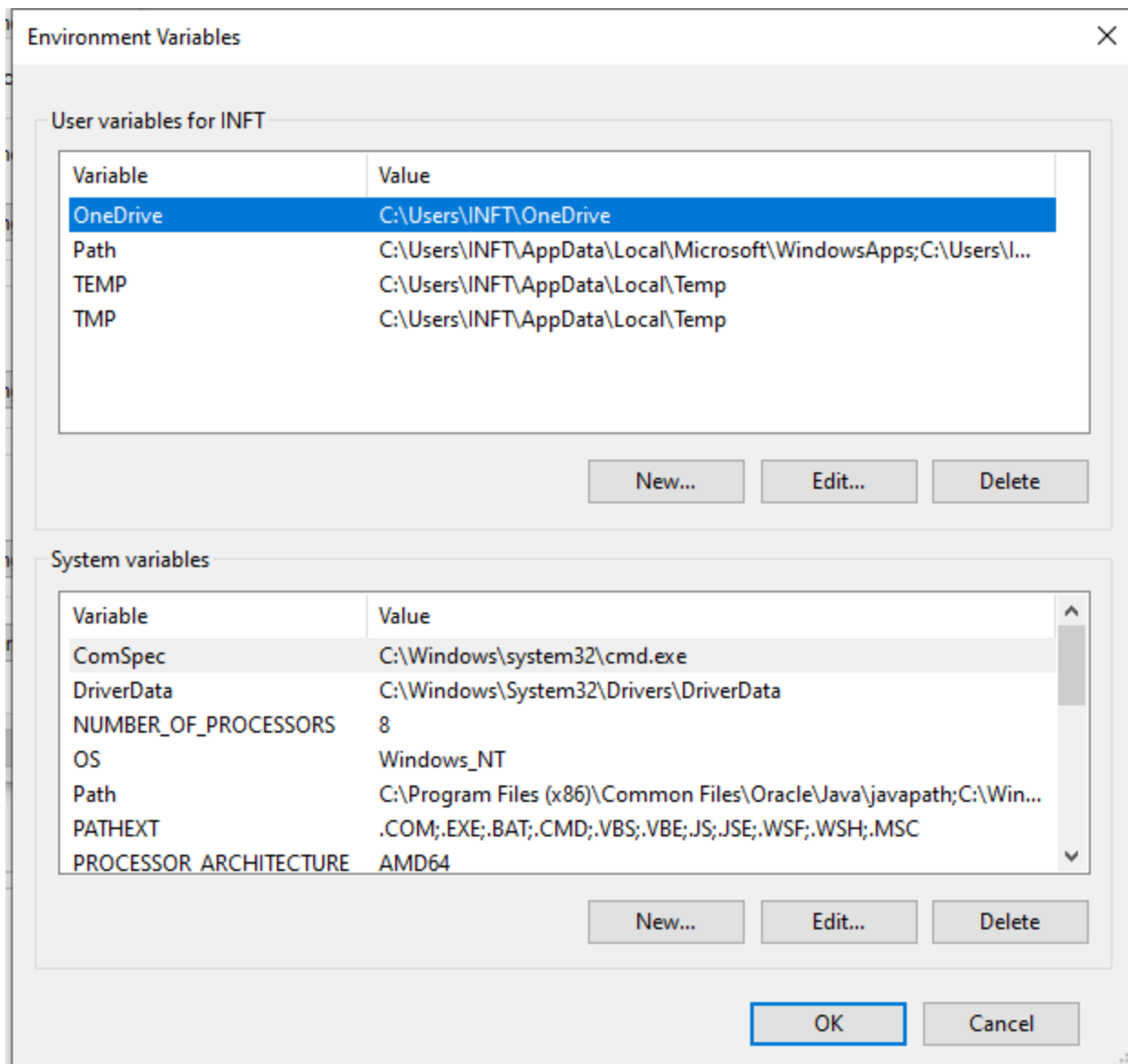
Browse...

☒ Show extracted files when complete

Extract

Cancel





Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Windows\system32> **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
test	Execute integration tests for Terraform modules
untaint	Remove the 'tainted' state from a resource instance
version	Show the current Terraform version
workspace	Workspace management

Global options (use these before the subcommand, if any):

-chdir=DIR	Switch to a different working directory before executing the given subcommand.
-help	Show this help output, or the help for a specified subcommand.
-version	An alias for the "version" subcommand.

PS C:\Windows\system32>