

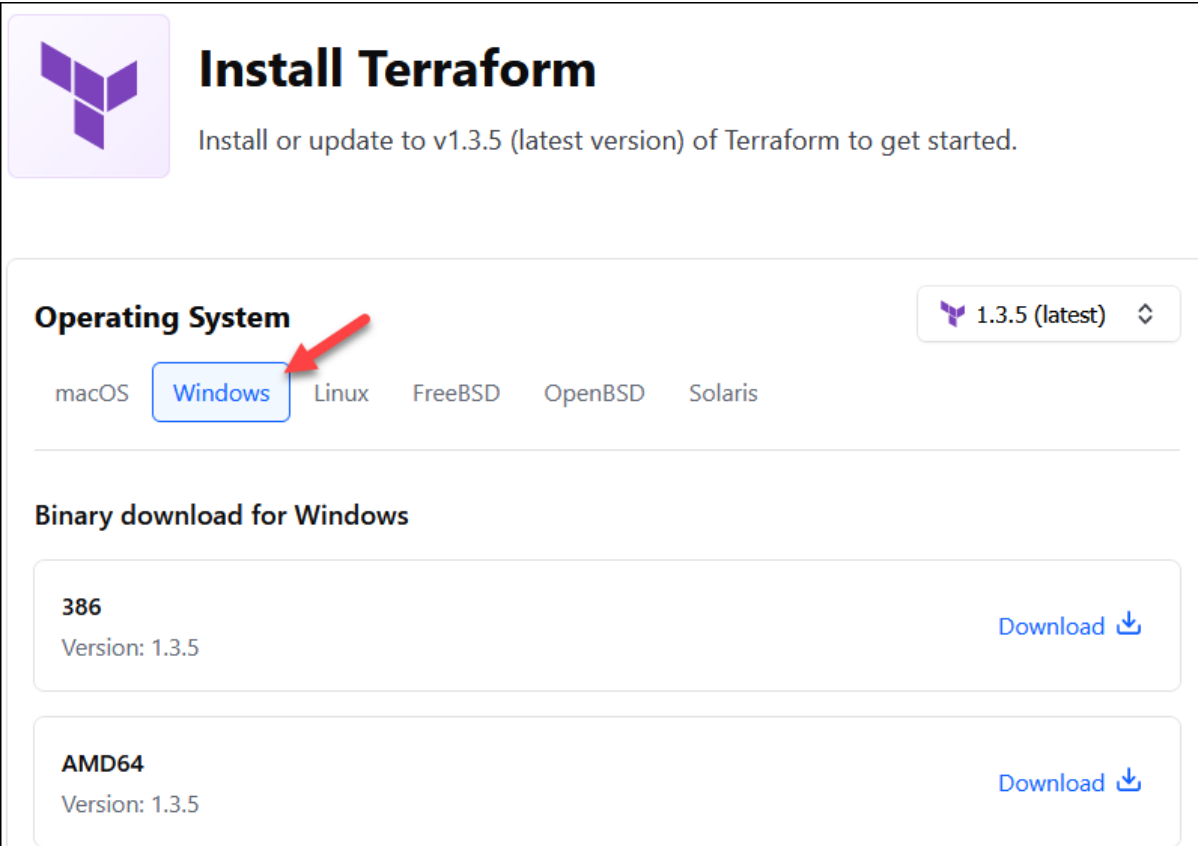
Lab Exercise 10– Install Terraform on Windows

Installing Terraform on Windows requires you to download the correct Terraform package, unpack, and execute it via the CLI. Follow the instructions below to ensure you do not miss any steps.

Download Terraform File for Windows

To find the latest version of Terraform for Windows:

1. Browse to the [Download Terraform](#) page.
2. Select the Windows tab under the **Operating System** heading. The latest version is preselected.



The screenshot shows the 'Install Terraform' page. At the top, there is a purple Terraform logo and the heading 'Install Terraform'. Below the heading, it says 'Install or update to v1.3.5 (latest version) of Terraform to get started.' Below this, there is a section titled 'Operating System' with a dropdown menu showing '1.3.5 (latest)'. Under the 'Operating System' heading, there are several tabs: 'macOS', 'Windows', 'Linux', 'FreeBSD', 'OpenBSD', and 'Solaris'. The 'Windows' tab is selected and highlighted with a red arrow. Below the 'Operating System' section, there is a section titled 'Binary download for Windows'. This section contains two download options: '386' and 'AMD64'. Each option shows the version 'Version: 1.3.5' and a 'Download' button with a download icon.

Install Terraform


Install or update to v1.3.5 (latest version) of Terraform to get started.


Operating System

macOS **Windows** Linux FreeBSD OpenBSD Solaris

1.3.5 (latest)

Binary download for Windows

386
Version: 1.3.5 [Download](#) 

AMD64
Version: 1.3.5 [Download](#) 

3. Choose the binary to download. Select 386 for 32-bit systems or AMD64 for 64-bit systems. Choose the download location for the zip file if the download does not start automatically.

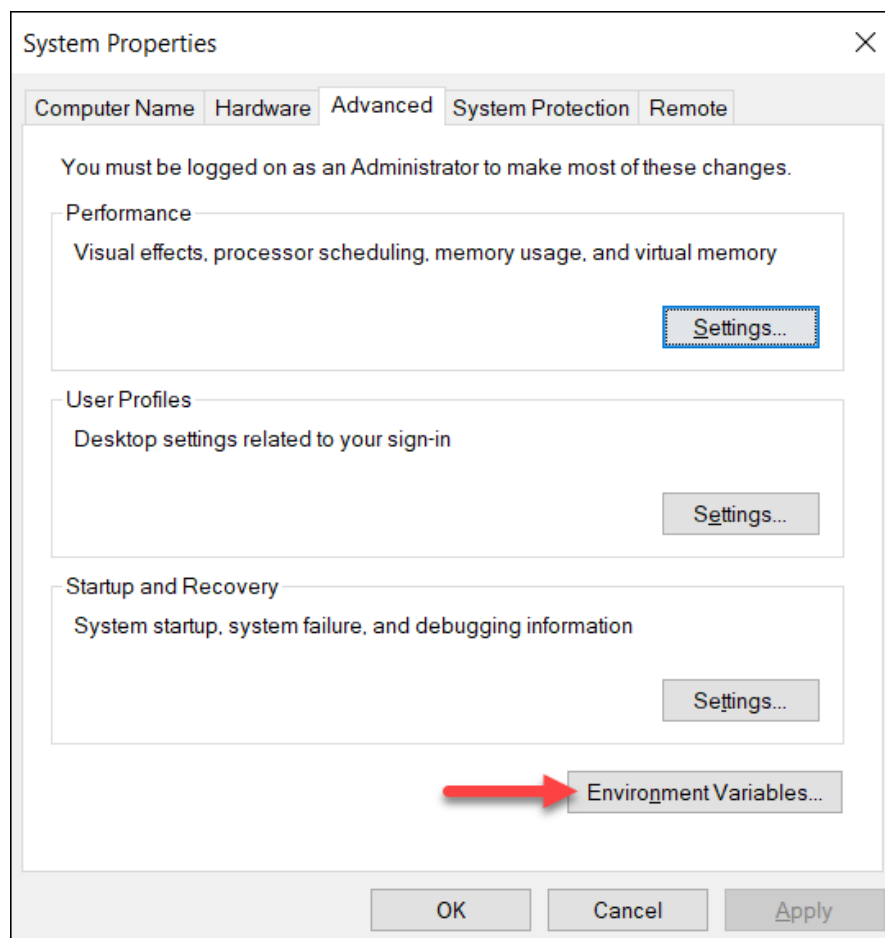
4. Unzip the downloaded file. For example, use the `C:\terraform` path. Remember this location so you can add the path to the environment variables.

Add Terraform Path to System Environment Variables

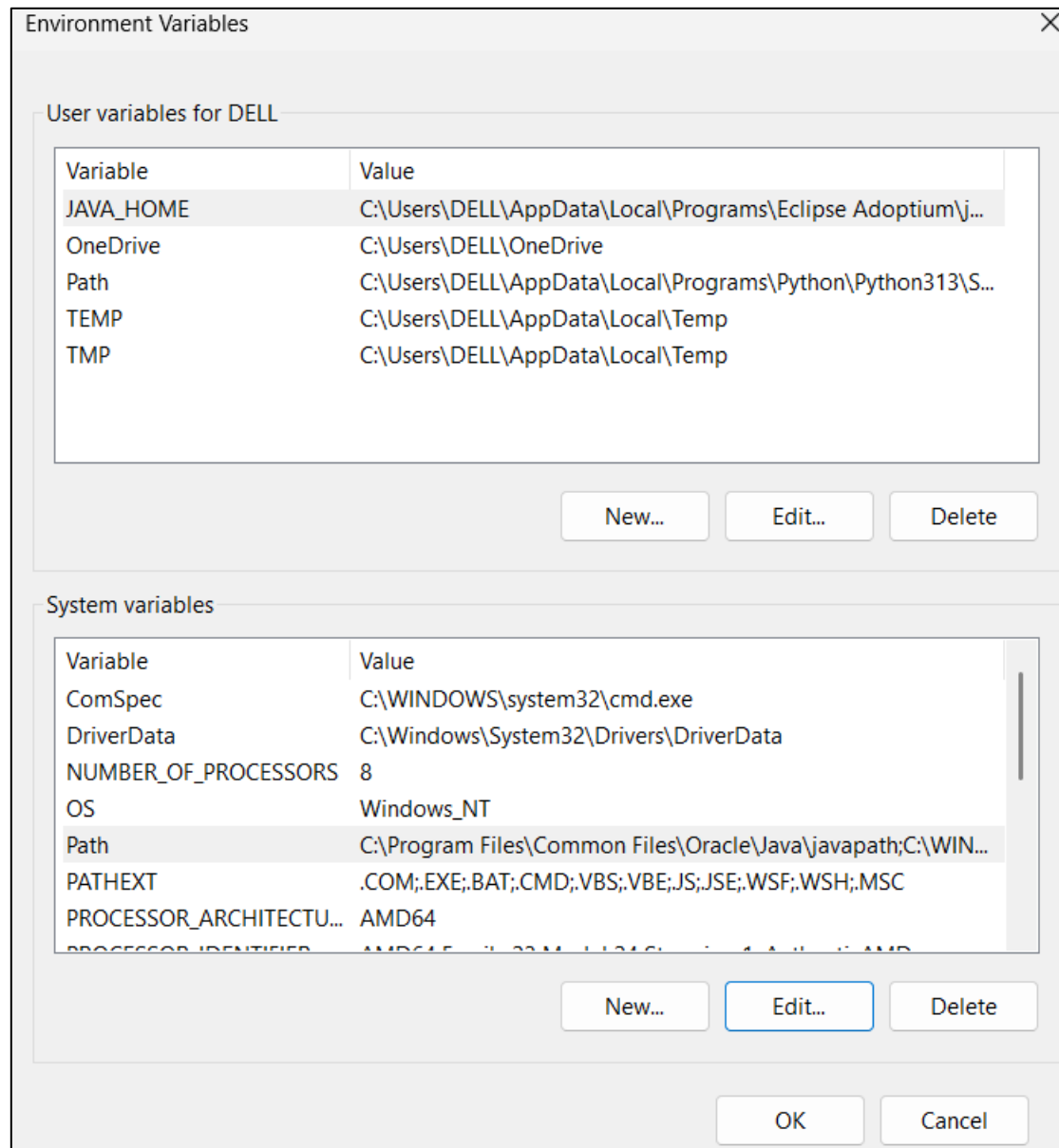
To add the Terraform executable to the system's global path:

1. Open the start menu, start typing *environment* and click **Edit system environment variables**. The System Properties window opens.

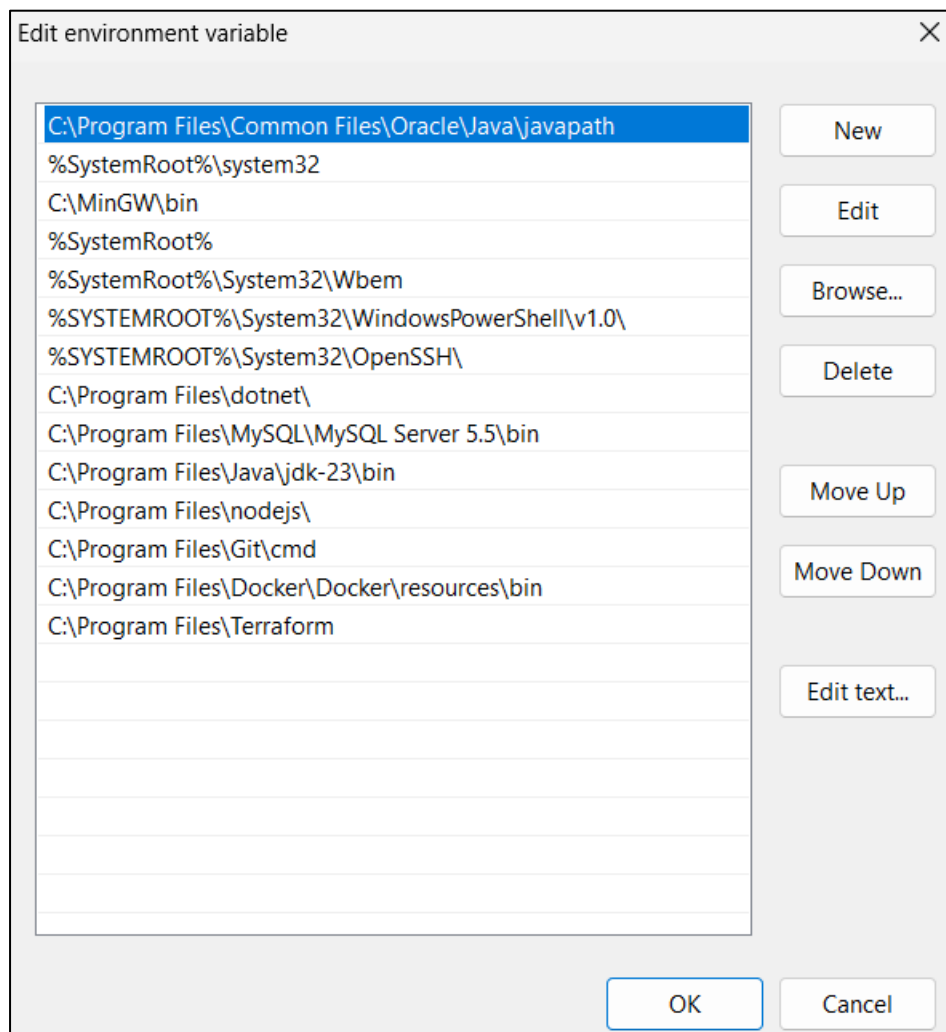
2. Click the **Environment Variables...** button.



3. Select the **Path variable** in the System variables section to add terraform for all accounts. Alternatively, select **Path** in the **User variables** section to add terraform for the currently logged-in user only. Click **Edit** once you select a Path.



4. Click **New** in the edit window and enter the location of the Terraform folder.



5. Click **OK** on all windows to apply the changes.

Verify Windows Terraform Installation

To check the Terraform global path configuration:

1. Open a new command-prompt window.
2. Enter the command to check the Terraform version: `terraform -version`

```
terraform -version
```

```
C:\Users\DELL>terraform -version
Terraform v1.13.1
on windows_386
```

FOR LINUX:-

```
→ ~ git:(main) × sudo apt-get update && sudo apt-get install -y terraform
Hit:1 https://apt.releases.hashicorp.com noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  terraform
0 upgraded, 1 newly installed, 0 to remove and 66 not upgraded.
Need to get 30.3 MB of archives.
After this operation, 100 MB of additional disk space will be used.
Get:1 https://apt.releases.hashicorp.com noble/main amd64 terraform amd64 1.13.1-1 [30.3 MB]
Fetched 30.3 MB in 9s (3196 kB/s)
Selecting previously unselected package terraform.
(Reading database ... 51969 files and directories currently installed.)
Preparing to unpack .../terraform_1.13.1-1_amd64.deb ...
Unpacking terraform (1.13.1-1) ...
Setting up terraform (1.13.1-1) ...
```

```
→ ~ git:(main) × terraform -version
Terraform v1.13.1
on linux_amd64
```

The output shows the Terraform version you downloaded and installed on your Windows machine.