

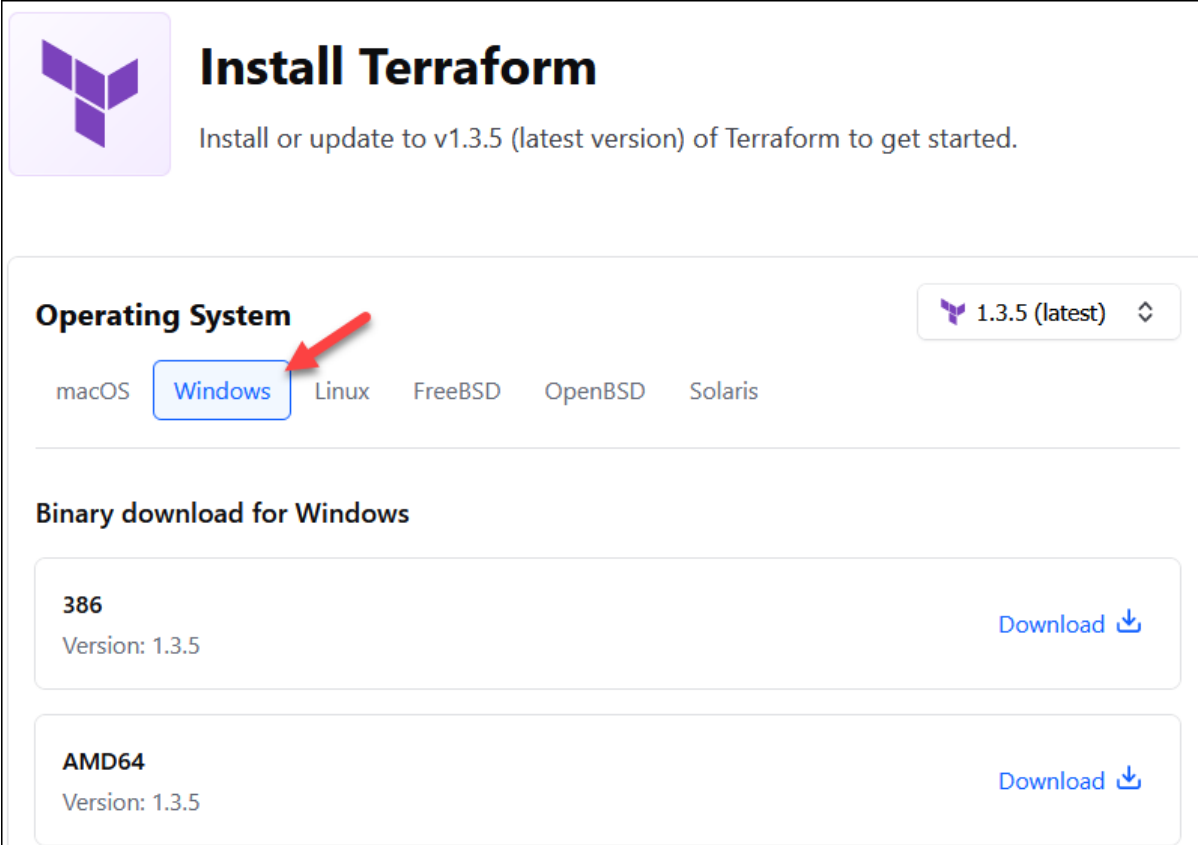
## Lab Exercise 1– Install Terraform on Windows

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's a purple Terraform logo and the heading 'Install Terraform'. Below it, a subtitle says 'Install or update to v1.3.5 (latest version) of Terraform to get started.' The main section is titled 'Operating System' and features a horizontal list of operating systems: macOS, Windows, Linux, FreeBSD, OpenBSD, and Solaris. The 'Windows' tab is highlighted with a blue border and a red arrow pointing to it. To the right of this list, there's a dropdown menu showing '1.3.5 (latest)' with a double arrow icon. Below the operating system tabs, the section 'Binary download for Windows' is displayed. It contains two download options: '386' and 'AMD64'. Each option shows 'Version: 1.3.5' and a 'Download' button with a download icon.

Operating System	Version	Download
macOS		
<b>Windows</b>		
Linux		
FreeBSD		
OpenBSD		
Solaris		

Binary download for Windows
<b>386</b> Version: 1.3.5 Download 
<b>AMD64</b> Version: 1.3.5 Download 

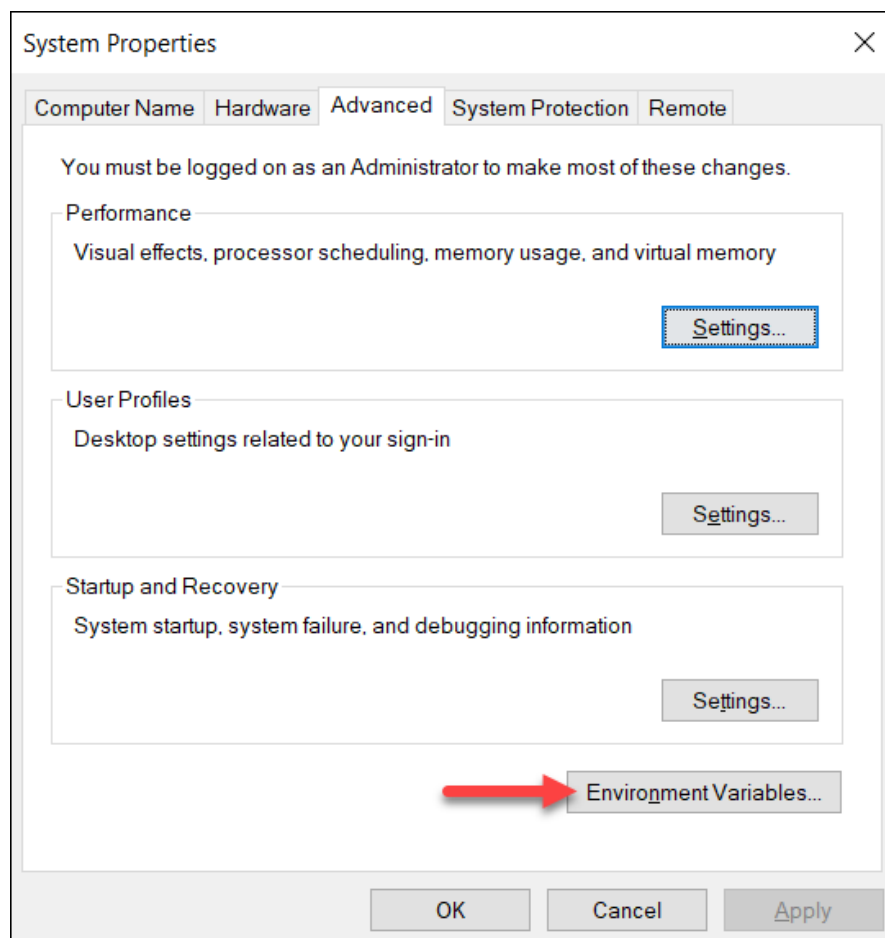
3. Choose the binary to download. Select 386 for 32-bit systems or AMD64 for 64-bit systems. Choose the download location for the zip file if the download does not start automatically.

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.

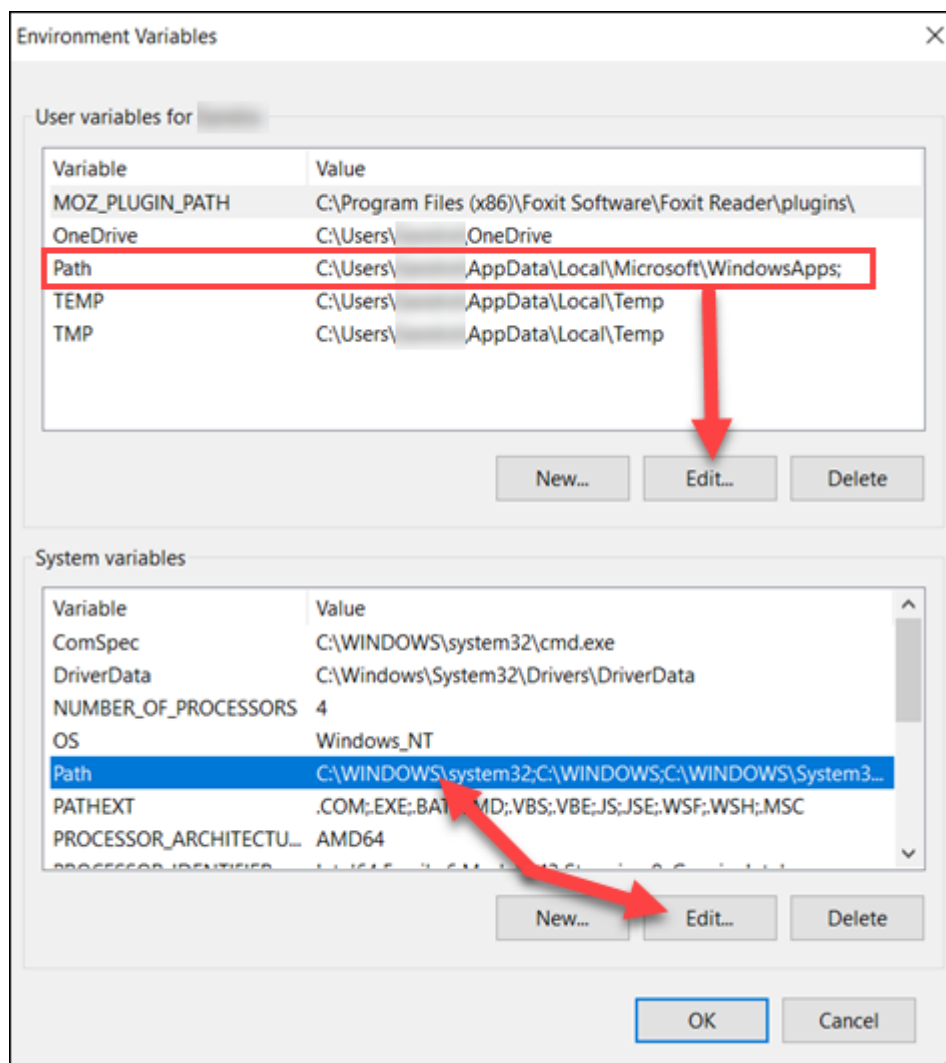
## Add Terraform Path to System Environment Variables

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

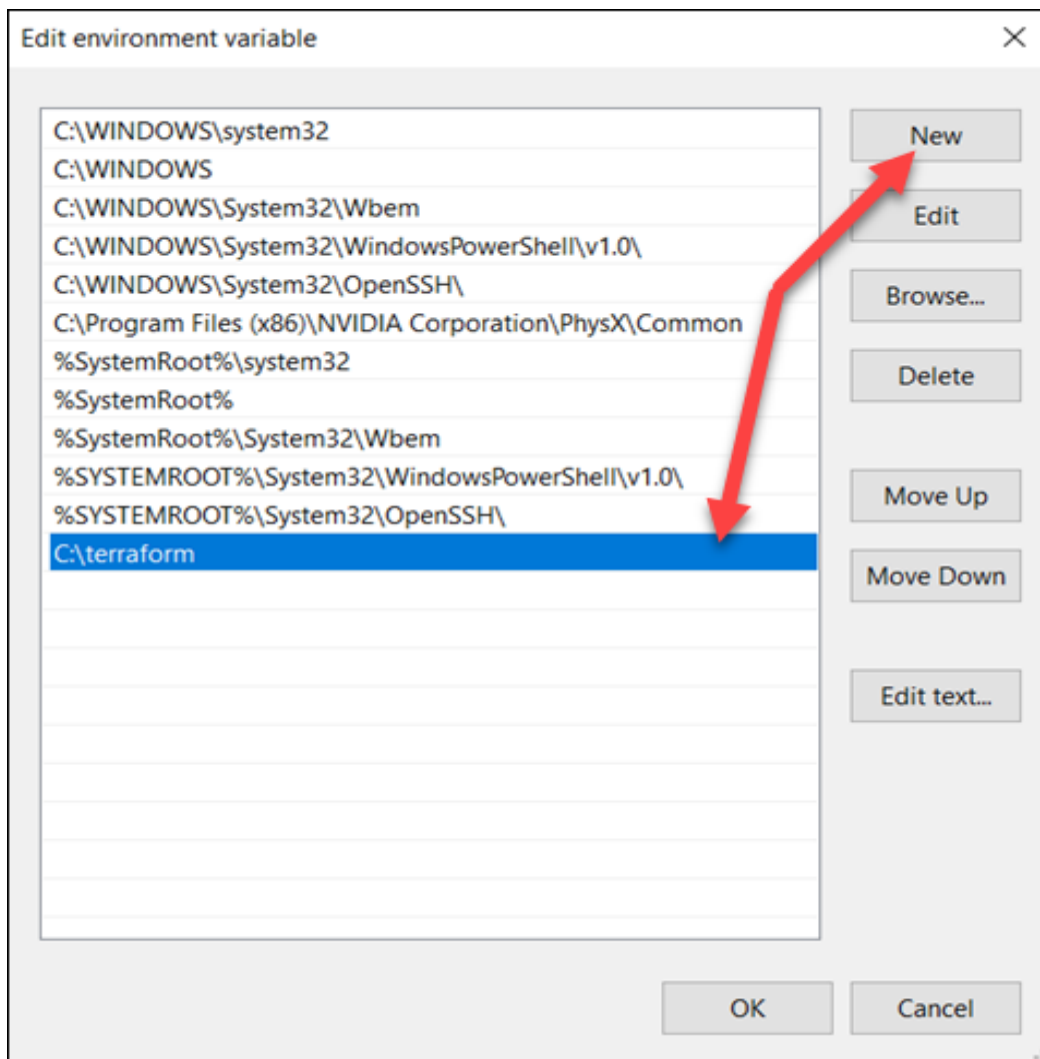
1. Open the start menu, start typing *environment* and click **Edit system environment variables**. The System Properties window opens.
2. Click the **Environment Variables...** button.



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
```

```
Last login: Thu Jan  9 14:23:30 on ttys000
/dev/fd/12:18: command not found: compdef
dhruvchaubey@Dhruvs-MacBook-Pro ~ % terraform -v
Terraform v1.10.4
on darwin_arm64
dhruvchaubey@Dhruvs-MacBook-Pro ~ %
```

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