

## 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.

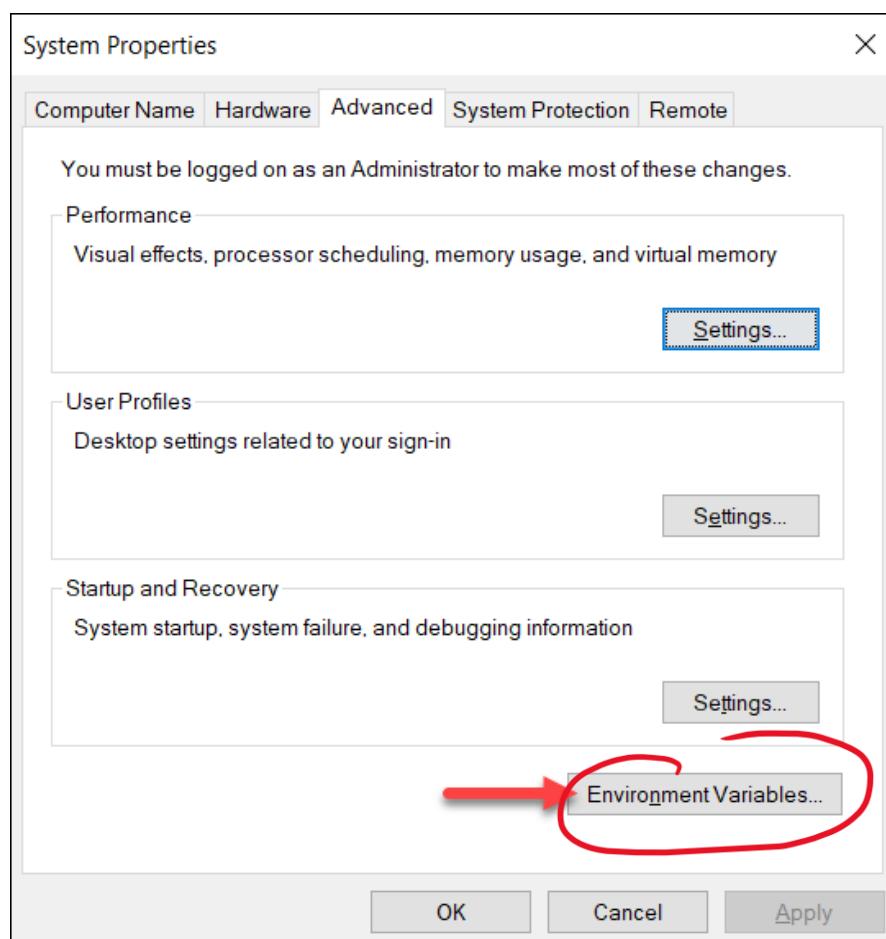
The screenshot shows the Terraform download page. At the top left is the Terraform logo. Next to it is the title "Install Terraform". Below that is a sub-instruction: "Install or update to v1.3.5 (latest version) of Terraform to get started." On the right side, there is a dropdown menu showing "1.3.5 (latest)" with a downward arrow. In the center, there is a section titled "Operating System" with tabs for "macOS", "Windows" (which is highlighted with a red arrow), "Linux", "FreeBSD", "OpenBSD", and "Solaris". Below this, there is a section titled "Binary download for Windows" with two options: "386" and "AMD64". Each option shows "Version: 1.3.5" and a "Download" button with a downward arrow icon.

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.

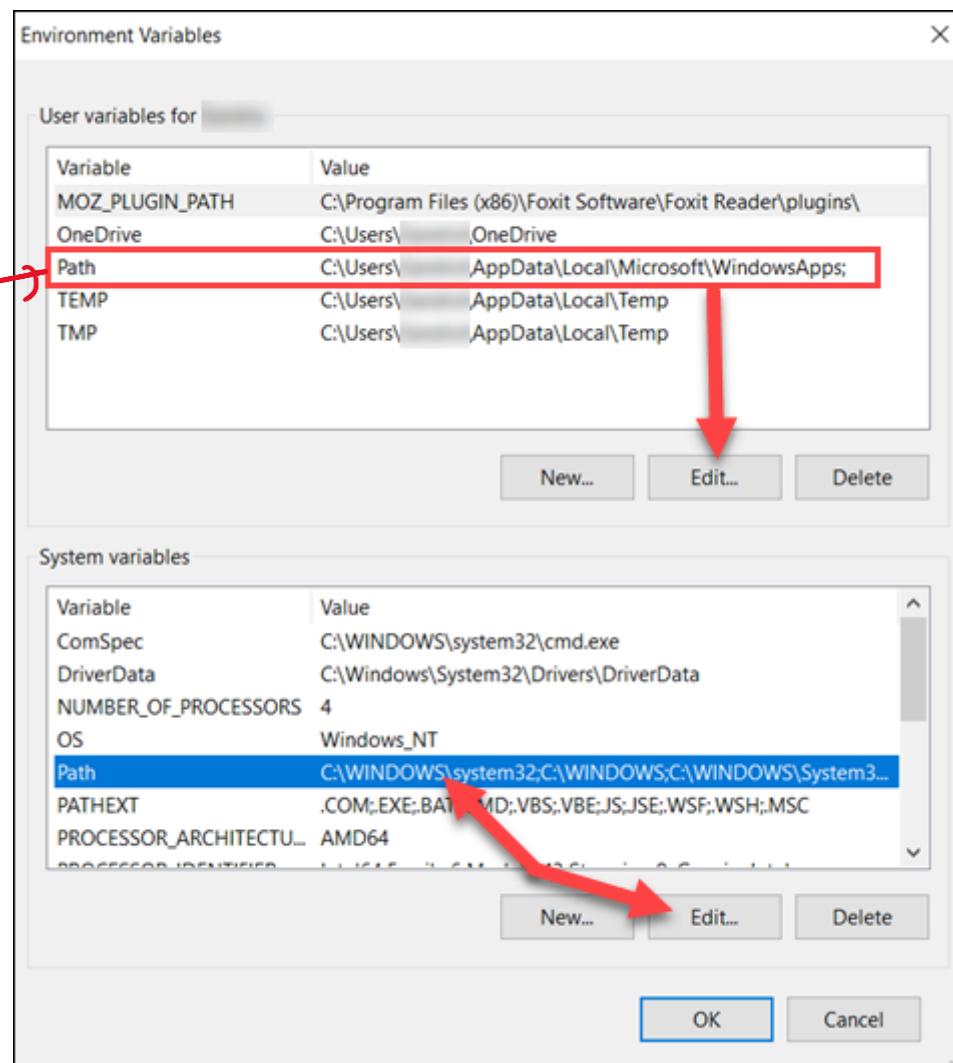
## Add Terraform Path to System Environment Variables

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

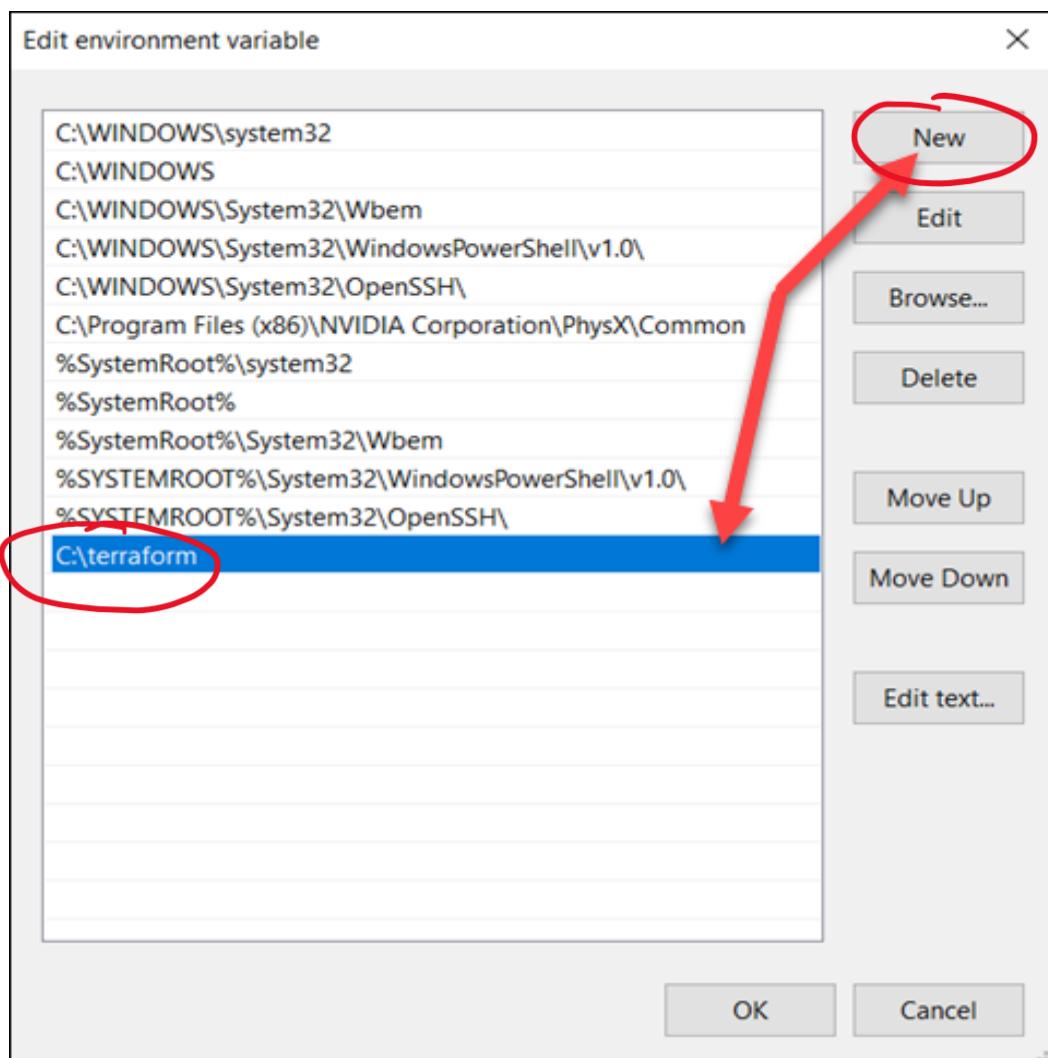
1. Open the start menu, start typing *environment* and click **Edit system environment variables**. The System Properties window opens.
2. Click the **Environment Variables...** button.



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.



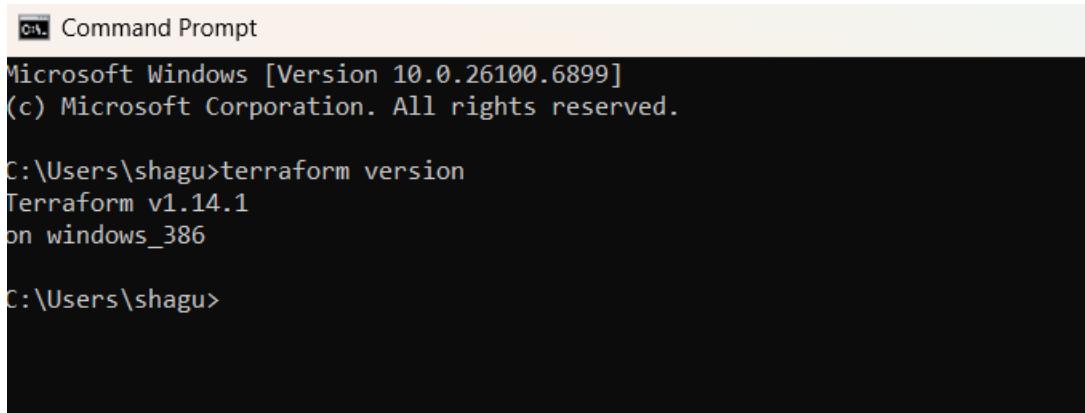
5. Click **OK** on all windows to apply the changes.

## 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
```



A screenshot of a Windows Command Prompt window titled "Command Prompt". The window shows the following text:

```
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\shagu>terraform version
Terraform v1.14.1
on windows_386

C:\Users\shagu>
```

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