

School of Computer Science
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
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**System Provisioning and
Configuration Management**

Lab File (2022-2026)
6th Semester

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EXPERIMENT 1

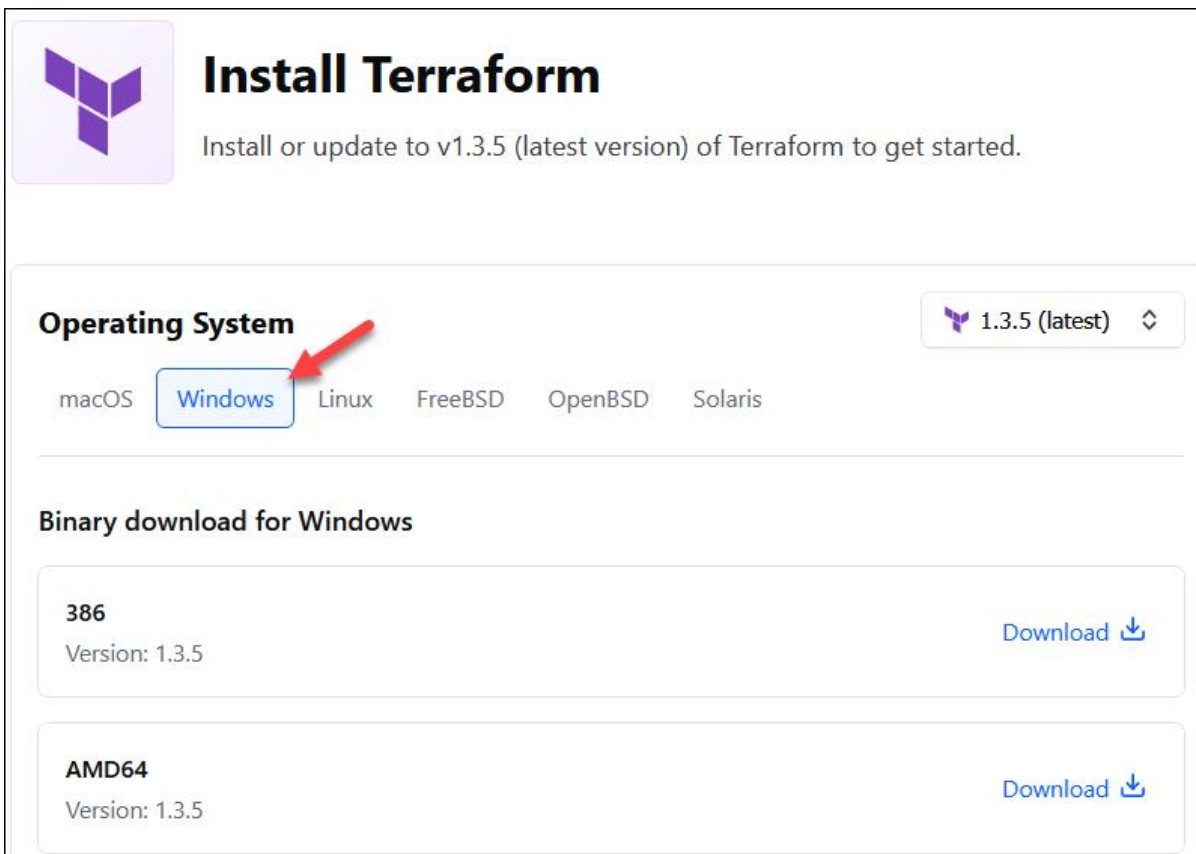
Lab Exercise: Install Terraform on Windows

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.

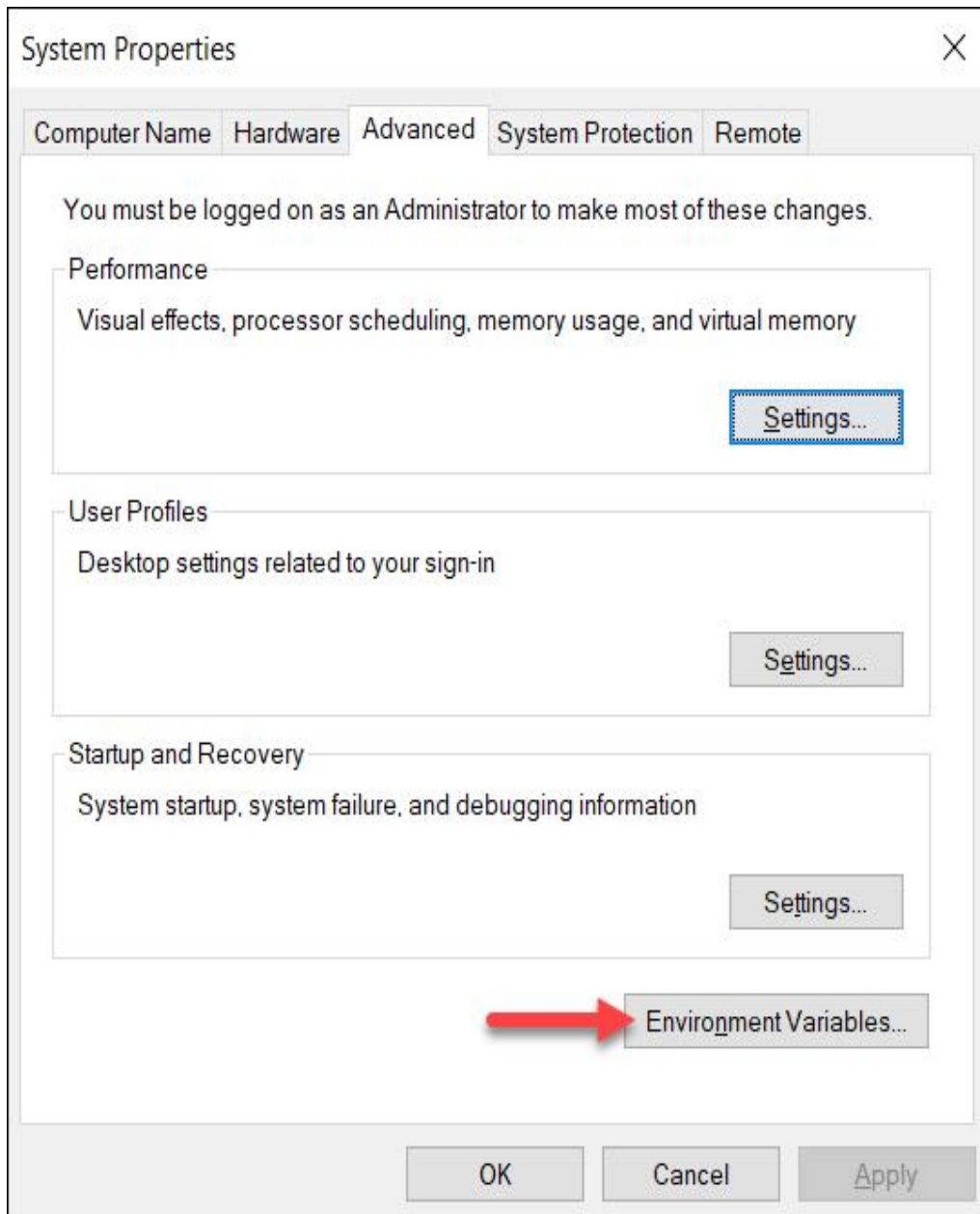


3. Choose the binary to download. Select 386 for 32-bit systems or [AMD64](#) for 64-bit systems. Choose the download location for the zip file if the download does not start automatically.
4. Unzip the downloaded file. For example, use the `C:\terraform` path. Remember this location so you can add the path to the environment variables.

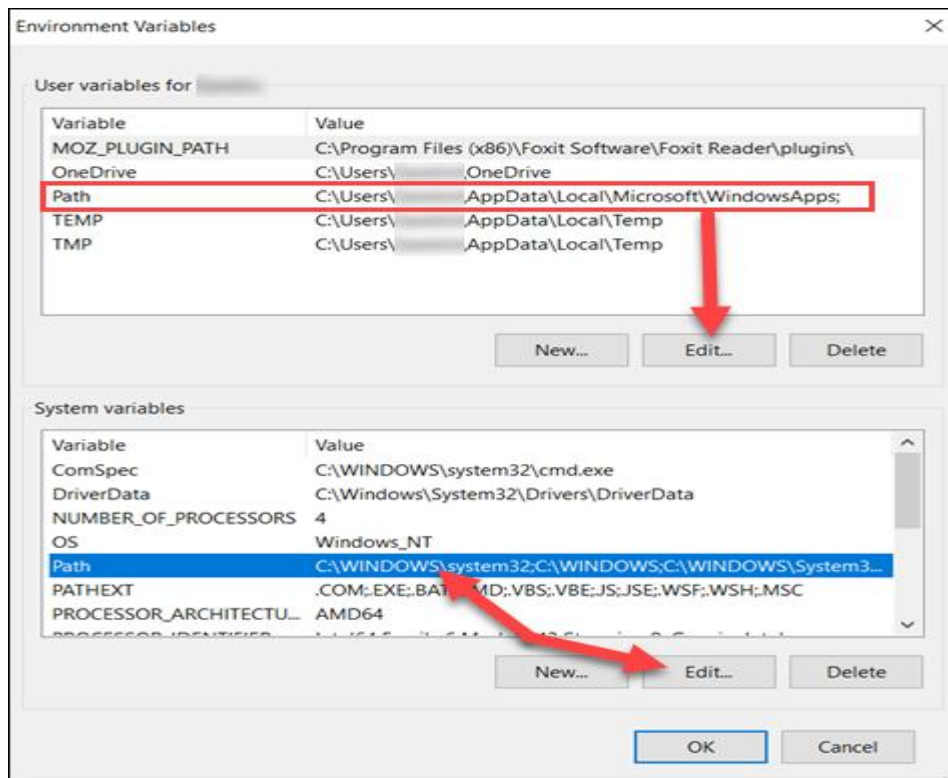
Add Terraform Path to System Environment Variables

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

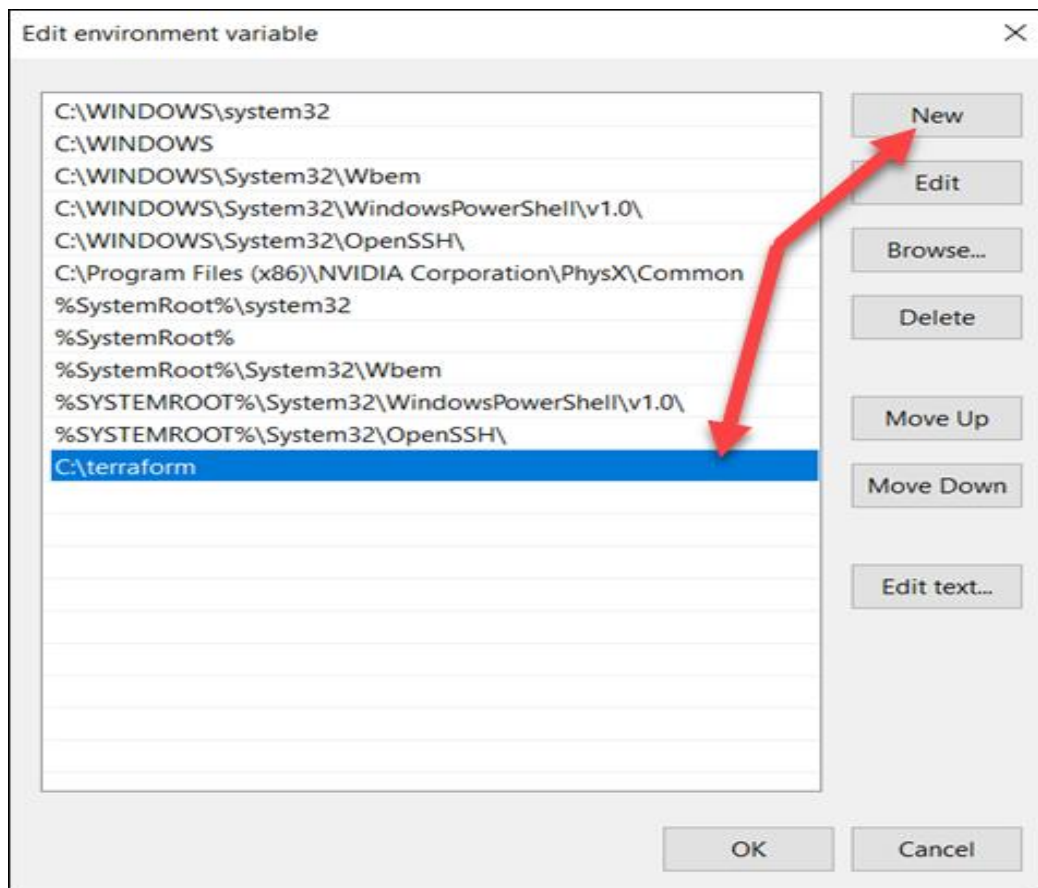
1. Open the start menu, start typing *environment* and click **Edit system environment variables**. The System Properties window opens.
2. Click the **Environment Variables...** button.



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.



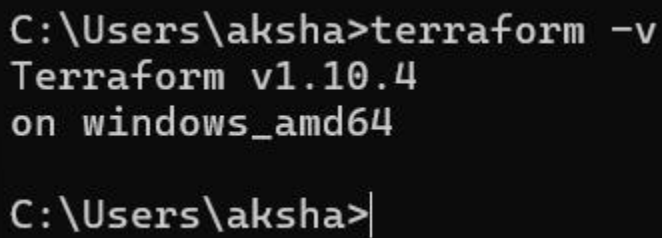
5. Click **OK** on all windows to apply the changes.

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\aksha>terraform -v
Terraform v1.10.4
on windows_amd64

C:\Users\aksha>
```

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