Terraform Installation:

In our scenario, we will be using the windows pc to deploy the resources to Azure using the terraform.

Preparing the environment for writing and deploying code using terraform.

1. Download the terraform from the below link provided.

<https://www.terraform.io/downloads>

Create a folder named terraform and add it the system variables as below.

Graphical user interface, application, table

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

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Extract the terraform to the folder mentioned in the path.

Verify the installation and path setting by typing terraform version in the CMD. The same should give result as below.

Text

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1. Download and Install Azure Cli from the below link.

<https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?tabs=azure-cli>

Follow the defaults for the installation for Azure Cli.

1. Once the same is completed, we can go ahead and install VS Code.

<https://code.visualstudio.com/Download>

Follow the defaults for the installation for Vscode.

Once installation is completed, install the below extension as shown is screenshot.

A screenshot of a computer

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A screenshot of a computer

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Once the above is installed, restart the VS code and go to new terminal under terminal. Verify if the terraform and azure cli is loading in the terminal.

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You are all set for using the terraform to deploy the resources.