Creating a Virtual Network :

A screenshot of a computer

Description automatically generated

Virtual Network created :

A screenshot of a computer

Description automatically generated

Selecting the network as VNet1 for Virtual Machine:

A screenshot of a computer

Description automatically generated

Creating my Virtual Machine in the Virtual Network:

A screenshot of a computer

Description automatically generated

Creating a Load Balancer :

A screenshot of a computer

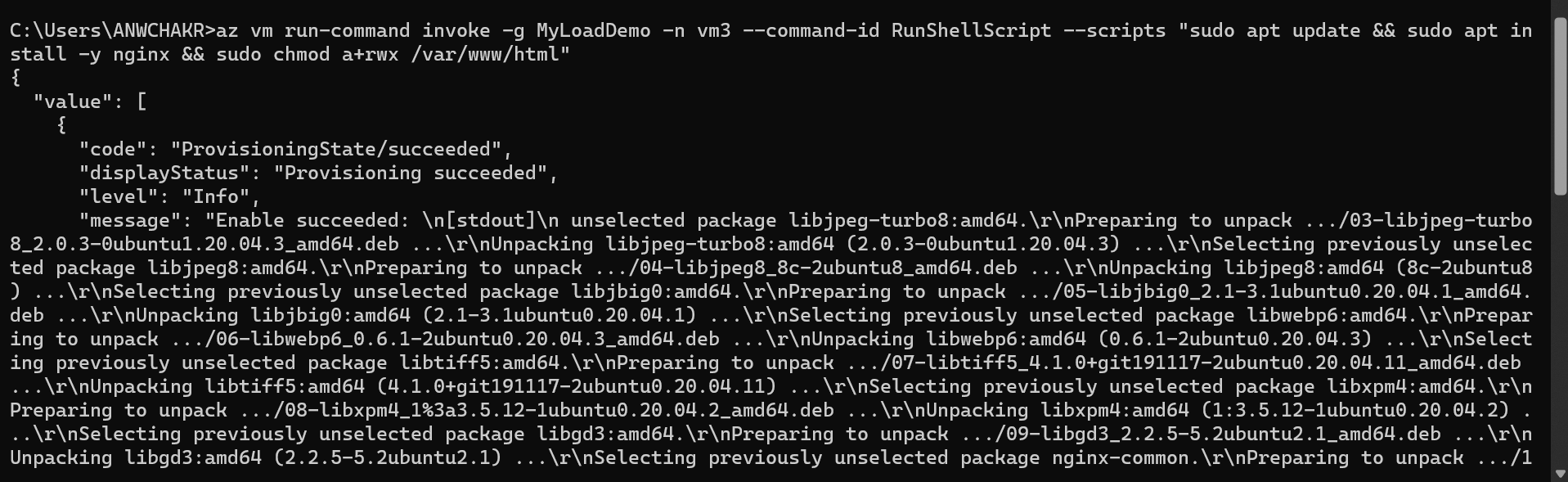
Description automatically generated

To get a HTML Page, we are installing the Nginx in one single CLI Command :

A screenshot of a computer screen

Description automatically generated

Letting my Web Server serve a Web Page like :



The virtual machine mymachine running the webpage:

A computer screen with white text

Description automatically generated

Webser1 and Webserver2 are running :

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

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**CREATING GLOBAL LOAD BALANCER**

Creating another Virtual Machine vmineurope under a new load balancer LoadinEurope:

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Description automatically generated

Creating a Global Virtual Machine which will connect all the virtual machine:

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Description automatically generated

This means, vm3 and mymachine virtual machines are created under a Load Balancer MyLoaad

We create another virtual machine vmineurope under Load Balancer LoadinEurope

When one virtual machine , like vm3 stops working in one region, another vm like ‘mymachine’ and ‘vmineurope’ will start working.

In case both the vm’s in one region like vm3 and mymachine stops working, then vmineurope under LoadinEurope which is in another region, like EastUS start working.

A screenshot of a computer

Description automatically generated

We are sending Port 80 as the default traffic :

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Description automatically generated