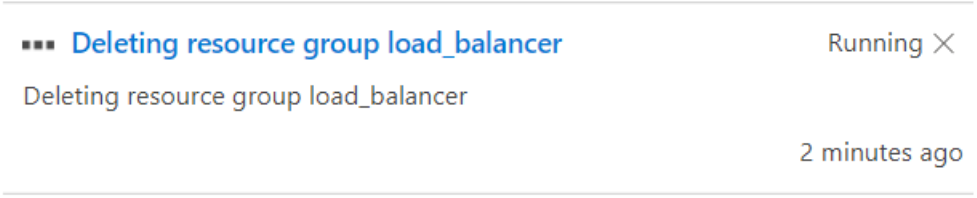
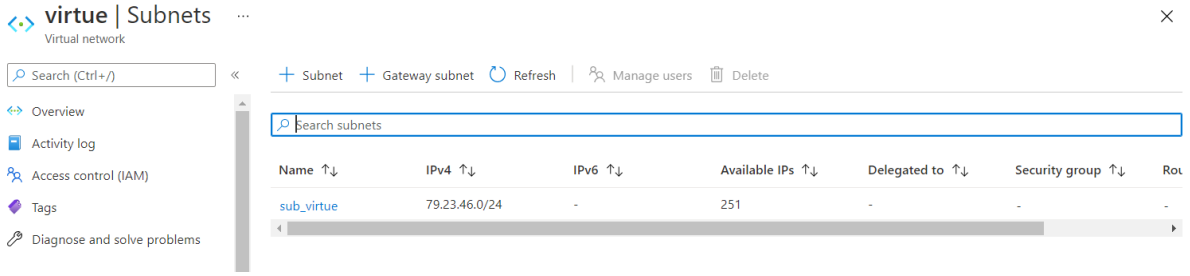
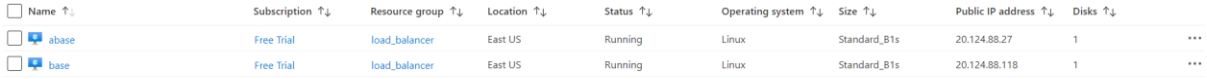
1. Remove all resource group

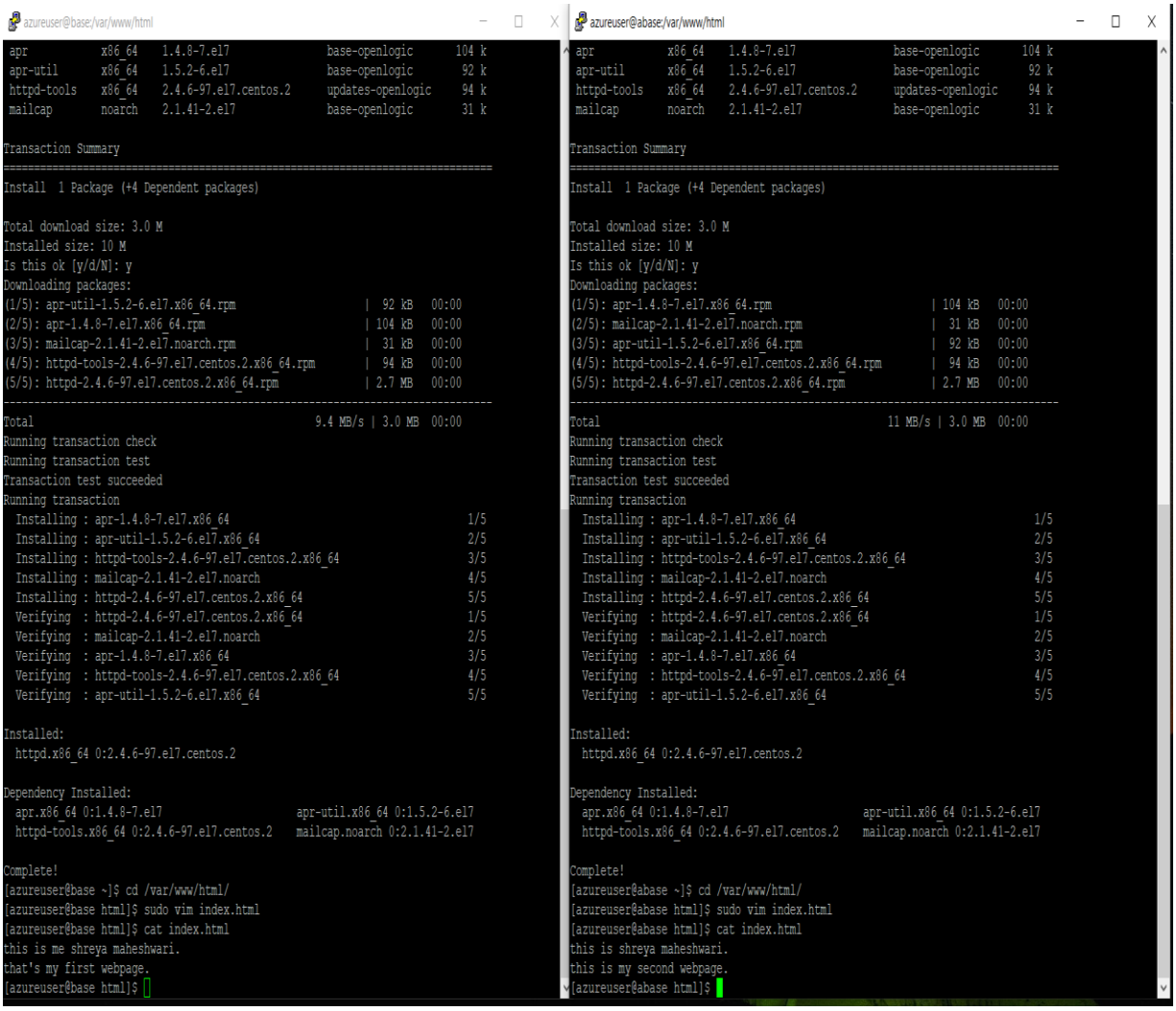


2. Create Virutal network named as virtue with ip range 79.23.0.0/16 and subnet name sub_virtue with ip range 79.23.46.0/24

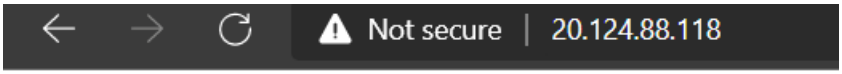


3. Create 2 Linux Virtual machines named as base and abase, install httpd package and create sample webpages.





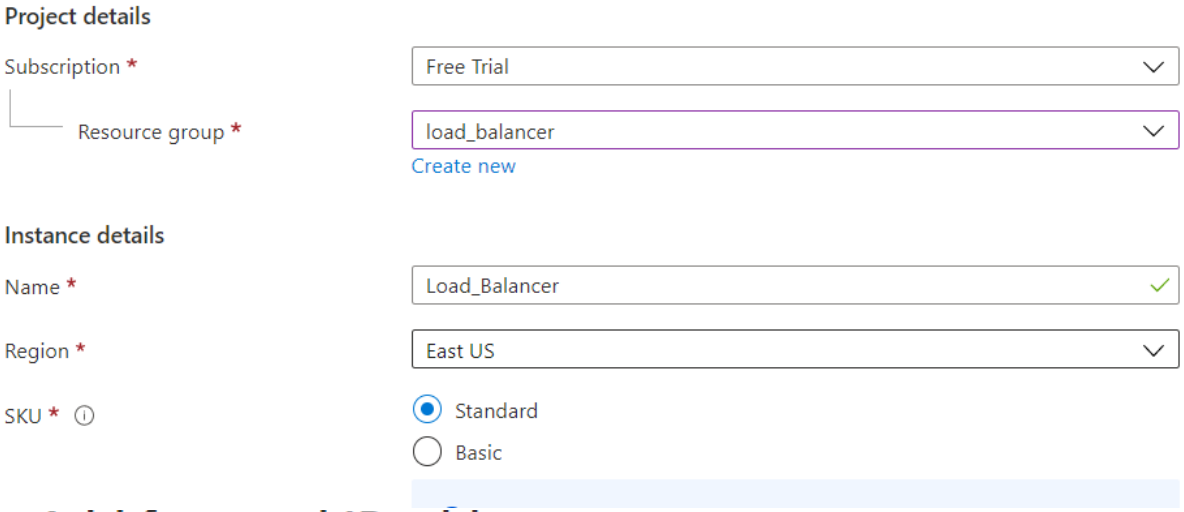
4. after hosting the website on both Vitual machines try to access those machines with public ip.

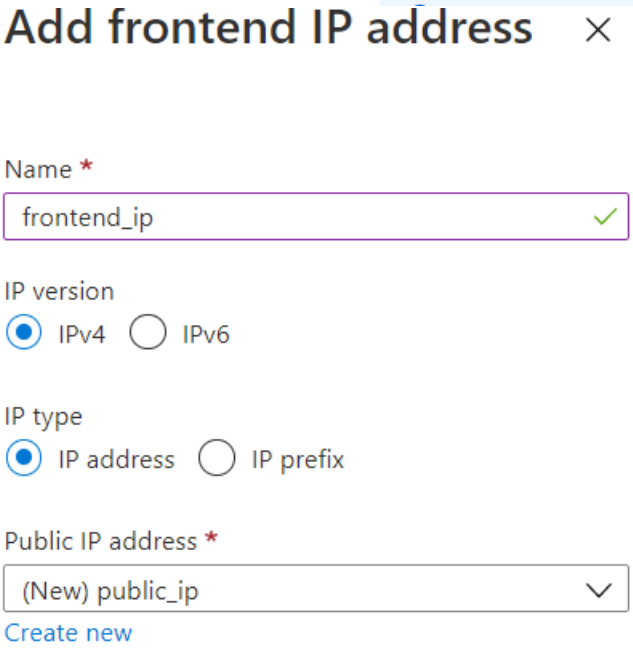


this is me shreya maheshwari. that's my first webpage.

this is shreya maheshwari. this is my second webpage.

5. Create a load balancer named as New_balancer (config frontend ip, backend pool, add balancer rule, public ip, etc)





Add backend pool ...

Name * backend_pool

Virtual network * virtue (load_balancer)

Backend Pool Configuration
- NIC
- IP Address

IP Version
- IPv4
- IPv6

Virtual machines

You can only attach virtual machines in eastus that have a standard SKU public IP configuration or no public IP configuration. All IP configurations must be on the same virtual network.

+ Add Remove

Virtual machine	IP Configuration	Availability set
abase	ipconfig1 (79.23.46.5)	-
base	ipconfig1 (79.23.46.4)	-

Load balancing rule

A load balancing rule distributes incoming traffic that is sent to a selected IP address and port combination across a group of backend pool instances. The load balancing rule uses a health probe to determine which backend instances are eligible to receive traffic.

+ Add a load balancing rule

Name	Frontend IP configuration	Backend pool	Health probe	Frontend Port	Backend port
rule1	frontend_ip	backend_pool	health_probe	80	80

Name	Resource group	Location	Subscription
Load_Balancer	load_balancer	East US	Free Trial

6. try to connect with ip address of load balancer.

Name	IP address	Rules count
frontend_ip	20.124.113.240 (public_ip)	1

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