

Aim to create Infrastructure as a Service by creating a virtual machine using a public cloud service provider.

procedure :-

- Go to [microsoft azure.com](https://microsoft.com/azure)
- Create a new account on microsoft
- go to basic group & create Resource
- create a virtual machine to create a virtual machine
- now create a virtual machine with IP & a user name & password
- And your virtual machine is developed
- Now connect the virtual machine & password for virtual machine & download file to open new window v m

O/P

CHAY
virtual machine

connect start Restart stop capture
properties.

computer name: CHAY

OS : Linux

Host : none

vm generation : 2

Agent status : Ready

Disks

OS disk : disk 1

Encryption : Disable

Data disk : 1

Result :- By using the azure (Infrastructure as a Service) is created & verified service)

Experiment - III

Aim To demonstrate a infrastructure as a service by establishing remote connection handles the vm image and remote in your desktop.

Procedure :-

- Create an account in azure.
- Go to resource group & create a resource
- Create a virtual machine template for virtual machine.
- Now virtual machine is developed.
- Create an ~~through console~~ console, created virtual image by specification.
- Launch the virtual machine using image you created you can now access vm remotely.

OIP

Remote Desktop

- 1) Remote access the server
- 2) The computer turn off
- 3) the remote computer is not available

OK

Result:-

Thus the virtual machine is created & remote connection is established.

Experiment - 11

Aim - To change the hardware compatibility of VM either by clone / create a new virtual machine.

procedure :-

- Go to VM ware workstation
- Right click the vm
- Add hardware at a Selected SCSI & client next
- click how virtual disk
- click the normal & finish
- maximum size has to be choosed
- click next then finish
- Change the no. of processors
- Hardware compatibility is changed.
- Select the specific disk capacity & compatibility

O/P

memory 2GB

processor 2

Harddisk 20GB

CD/DVD Auto

network NAT

Adapters NAT

USB
controllers present

Sound
control Auto
default

memory 2GB

processor 3

Harddisk 3

CD/DVD Auto

network
adapters NAT

USB
controllers Present

Sound
control Auto
default

Result: Created virtual machine and also done of VM and that has been compared.

- Experiment - 12
- 12) Aim to demonstrate Infrastructure as a Service by creating a resource group by using public cloud service providers.

procedures

- create an account in azure.
- Go to Resources & create a group
- give necessary info & create a vm with your ip an user name & password
- now Recognize the virtual machine
- Create a new window virtual machine.

Explanation:-

- for installing this we need to check which OS is suitable
- select the option as vm ware work station
- After clicking all the required options then click finish & create vm

Off	CHAY virtual machine	Start	Stop	Restart	Delete
	Connect				
properties					
computer name	CHAY	Size - Standard			
OS	linux	VCPU S	2		
vm generation	2	RAM	8 GiB		
Host group	none				
Host	-				

Result: created a virtual machine in the azure and then executed as / as

Aim :- To demonstrate how to create and configure a new image in cloud service

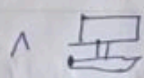
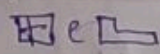
Procedure :-

- Go to azure portal and sign in
- create a new resource then search for web app & click create
- Choose unique name for web app select subscription.
- Choose runtime stack your web app & configure settings.
- You can ~~deploy~~^{deploy} your application code to azure
- Once can be done in various methods like out Responder from virtual studio
- Deployment is done you receive a URL where you can access the web app

Output



Recycle bin.



msg



Result :- Thus the VM & VM image is created & tested successfully