

Experiment -11

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

Procedure :

- * Go to VM ware workstation.
- * Right click on the VM.
- * Add hardware at a select SCSI & click next.
- * Click now virtual disk.
- * Give the name & finish.
- * Maximum size has to be chosen.
- * Click next then finish.
- * Change the no. of processors.
- * Hardware compatibility is changed.
- * Select the specify disk capacity & complete.

Output :

Memory	256 MB
Processor	1
Hard disk	20 GB
CD/DVD	Auto
Network Adapter	NAT
USB Controller	Present
Sound Control	Auto detect

memory	2GB
processors	3
Harddisk	40GB
CD/DVD	Auto
Network adapter	NAT
USB controller	Present
sound control	Auto detect

Result: The virtual machine was created and also done of virtual machine and that has been compared.

Experiment -12

Aim = TO demonstrate infrastructure as a service by creating a resource group by using public cloud service providers.

Procedure =

- * Create an account in AZURE.
- * Go to resources & create a group.
- * Give necessary info & create a VM with your IP as username & password.
- * Now Reclaim the VM.
- * Create a new windows VM.

Description =

- * FOR installing this we need to check which operating system is suitable.
- * select the option as virtual machine were work station.
- * After clicking all the required options then click the finish and create a virtual machine.

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Output + memory + portainer + services +	RAM
Ramesh	+ grub config
virtual machine	
connect start stop restart delete	
Properties	RAM & connection of CR
computer name	Ramesh
Operating system	Linux
Virtual machine generation	
Host group	None
Host	-
size of memory	standard
VCPUs	2
RAM	8 GB

Result :- Created a virtual machine
in the azure and then executed
as IaaS.

Experiment-13

Aim = TO create infrastructure as a service by creating a virtual machine using a public cloud service provider.

Procedure =

- * GO to Microsoft Azure.com
- * Create a new account on Microsoft
- * Go to basic group & create resource.
- * Create a virtual network to create a virtual machine.
- * Now create a virtual machine with IP and a username and password.
- * And your virtual machine is developed.
- * Now connect the virtual machines & download file to open new window VM.

Output =

Ramesh

virtual machine

Connect short resort stop capture

Properties

Computer Name : Ramesh

Operating system : Linux

Host : None

Cloud Formation

VM generation : 2
Agent status : Ready

Disk

OS disk : disk1, information not on,

Encryption : Disable

Data disk : disk2, reading speed not on,

Encryption status not on,

Volume size not on, volume size not on,

Encryption, block encryption not on,

Territory of minimum latency not on,

Encryption with 97% success rate not on,

VM utilization not on, for better balancing

VM utilization not on, for better balancing

Output

Result : By using the RZUR infrastructure
as a service the virtual machine
is created and verified successfully.

Experiment-14

Aim : To demonstrate infrastructure as a service by establishing remote connection Launch the VM image and Remote in your desktop.

Procedure :

- * Create an account in Azure
- * Go to resource group and create resource
- * Create a virtual network for virtual machine.
- * Now virtual machine is developed.
- * Create an virtual image through console created virtual image by specification.
- * Launch the virtual machine using image you created. You can now access virtual machine remotely.

Output :

Remote Desktop

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

Result : Thus the virtual machine is created and remote connection is established.

Experiment - 15

Aim = To demonstrate PaaS service and create/configure a new virtual machine image in cloud service.

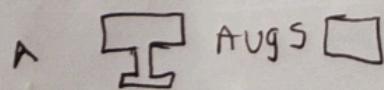
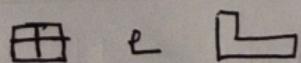
Procedure :-

- 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 web application code to Azure.
- Once can be done in various methods like Git repository from Virtual Studio.
- Deployment is done you receive a URL where you can access the webapp.

Output :-



Recyclebin



Result :- Thus the VM and VM image is created and tested successfully.

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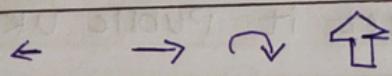
Experiment - 16

Aim : create a simple website using any public cloud service provider (Azure/FCP/AWS) and check public accessibility of stored files.

Procedure :

- Give necessary details in basic and tags and click review
- Go to Resource group & create a resource group.
- Now the Resource group created go to APP services and create web application.
- Enter Resource group and web app name and select region.
- After enter the necessary things click the review.

Output :



Ramesh
Web APP

MICROSOFT AZURE
HEY, NODE DEVELOPER
YOUR APP SERVICE IS UP & RUNNING

Result : Thus the web application is created and successfully executed.

Experiment - 17

Aim :- To demonstrate storage as a service create and configure new VM image in any public cloud provider.

Procedure :-

- Go to Azure
- In azure portal click on create resources then search for storage as service account and click create.
- select the appropriate performance & replication option and specify.
- once the storage account is created navigate to it.
- configure container with unique name for container, set the access level & click create
- upload any file & after uploading the file you can get its Public URL.

Output :-

- 17 ↴

trash	
Terminal	UBUNTU
NOTE PAD	

Result :- Thus the storage as a service for virtual machine image is created and executed.

Experiment - 18

Aim :- To demonstrate a storage as a service using any public cloud service provider and check the public accessibility.

Procedure :-

- Go to Azure portal
- Create a new resource then search for storage as a account & click create
- Choose a unique name and select like appropriate configuration.
- Once the storage account is created then create new container.
- Choose the unique name for container
- After uploading file, click on uploaded file and view.

Output :-

← → ⊞

webcore.windows.net

= Renet

Home About Services

We offer modern solutions
for growing business

Net started

Result :- The storage as a service was created and successfully executed.

Experiment-19

Aim : To create a database as a service
Create and configure VM image in
any cloud service provider

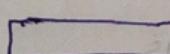
Procedure :

- Go to Azure
- Login with your id or your E-mail
- Create a SQL database and select the resource group which was created.
- Enter the server name and name of data base uniquely.
- Networking select allow azure service and resources to access services.
- In additional settings sample
- The Database is Deployed.

Output :

← → ↻

Home →
Microsoft SQL database, new database



← → ← →
DO CANCEL TO REFRESH

← → ← →
RETRY

← → ← →
Your deployment is complete

← → ← →
GO TO RESOURCES

Result : Thus using the VM image is created and successfully executed.

Experiment - 20

Aim = To create a SQL storage service and perform a basic query using any cloud service.

Procedure =

- Go to Azure
- Login and now create a sample resource
- Now create new service SQL database and select resource group which was created.
- Enter the server name the name of database.
- On networking select allow Azure service and resources
- In additional setting select simple
- Database is being created.
- Now create a table and try to attire those database using SQL

Output =

<input type="text"/>	ORI Query editor
	Query Run
	Create TABLE work field NO int
	regno, marker integer