Resource group :- faheem.

Status :- Running.

Location :- South India.

Subscription :- Azure for Students.

Subscription ID :- 97d48lec - 2009 - 4545

Default domain :- faheem.azurewebsite.net

App service plan :- Asp-faheem - ad64

Operating System :- Windows.

Aim:

To create a web application for library membership Registration.

Procedure:

→ Open Zoho.com website & login into that website with your account.

→ Select "creator" to build custom apps for our own needs.

→ From the left side box select "solution".

→ Then click on "create solution".

→ Then Select "Applications" to create web app

→ To create a new application on create from scratch.

→ Enter name for application & create a form template & go to builder form.

→ Save the form & access the application.

→ Run the application by giving different inputs.

Result:

The web application for library Membership registration has been created Successfully.

Name :- Syed faheem ahamed

ID :- 5743

Date of Birth :- 31/12/2023

Occupation :- Student

Phone Number :- 8978764903

Email :- Lovely449@gmail.com

What would you use library for ? ☐ Reference

☑ Reading

☑ Borrowing

Declaration

☑ Accept responsibility for return on time.

☑ I am aware of items lost.
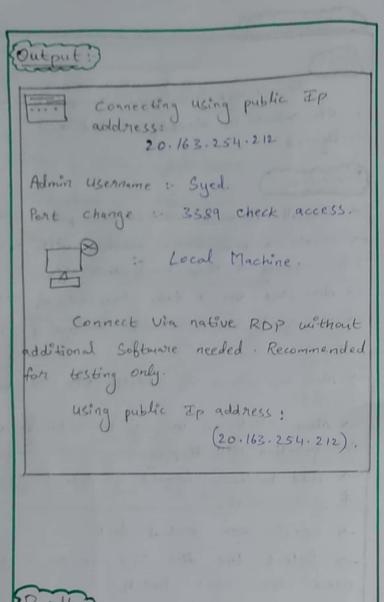

Aim :-

To change hardware compatability of a VM which is already created and configured.

Procedure :-

→ Install VM ware workstation pro & open.

→ Create a new virtual machine with 1vcpu, 2GB memory & 15GB hard disk size.

→ Now click VM & take snapshot of VM.

→ Now go to VM & choose "manage" & select "clone".

→ Now the clone of created VM will be created.

→ Now click on VM, go to settings, VM configuration will display.

→ Add hardware wizard & select SCSI & click next.

→ Create new virtual disk.

→ Select the disk size as 20 & give name then click finish.

Result :-

This the web application for library membership registration was created Successfully using zoho.com.

Output:

Connecting using public IP address:

20.163.254.212

Admin Username :- Syed.

Port change :- 3389 check access.

:- Local Machine.

Connect via native RDP without additional Software needed. Recommended for testing only.

using public Ip address :

(20.163.254.212).

Result:-

Thus the Hardware compatability was changed of a VM which is already created successfully.

Aim:

To demonstrate Iaas by establishing the remote connection, launch the created VM image & run in your desktop.

Procedure:

→ Create an account of microsoft azure.

→ click on create a resource.

→ Click on create a VM.

→ create a resource group.

→ Give the name of virtual machine.

→ Choose any region based on CPU & RAM configuration of size.

→ Click on authentication type 11 & choose Password & create your own username.

→ click on review & create.

→ Wait few minutes for getting the validation passed.

→ Click on "create", then see your resource group is created & virtual machine also.

→ Click on 'back to home'.

→ Now see your resource group & VM is created

→ Click on the name of VM.

→ Click on "connect" & wait for few minutes for checking the network security of client ip.

→ click on rdp 'download' rdp file after then open the rdp file & you will get the interface.

→ Then after you will get output.

Output :-

> Resource Group : faheem
>
> Status :- Running
>
> Location : South India
>
> Subscription : Azure for Students
>
> Subscription ID : a748lec-20aa-4545--
>
> Default domain : faheem.azure.website.net
>
> App Service plan : Asp-faheem-ad64
>
> Operating System : Linux

Aim :-

To demonstrate paas create and configure a new vm image in any public cloud service Provider.

Procedure :-

→ Open azure service provider.

→ Login to the azure (free for students).

→ Provide your organization details with college email address.

→ All cloud services will be displayed.

→ Then click on "create a resource" for resource creation.

→ Give the resource group name.

→ Go to the app service to check an webapp

→ Enter the resource group & webapp name and region & select the linux os.

→ After enter all the necessary things click the review & create on click the create the webapp.

→ The deployement is created.

Result :-

Thus the demonstration of paas by establishing remote connection was completed Successfully.

Output :-

Resource Group : Faheem

Location : South India

Subscription : Azure for Students

Performance : Standard

Replication : Read-access-geo-redundant Storage

Account kind : Storage V2 (general purpose v2)

Provising State : Succeeded

Aim :
To demonstrate Saas, create & configure a new VM image in any public cloud service Provider.

Procedure :

→ Open azure service provider.

→ Login to the azure (free for students).

→ All cloud services will be displayed.

→ First we have to create a resource.

→ Provide region & resource name & your resource is created.

→ From the menu of services of azure.

→ Select the storage account.

→ Click on "create".

→ Enter the resource group and storage account name.

→ Then click the review & create.

→ Validation will be done.

→ Then click the create button.

→ The deployement process will begin and it will progress.

→ Your storage account will be deployed and created successfully.

Result :
Thus the demonstration of Paas service was completed successfully using azure service Provider.