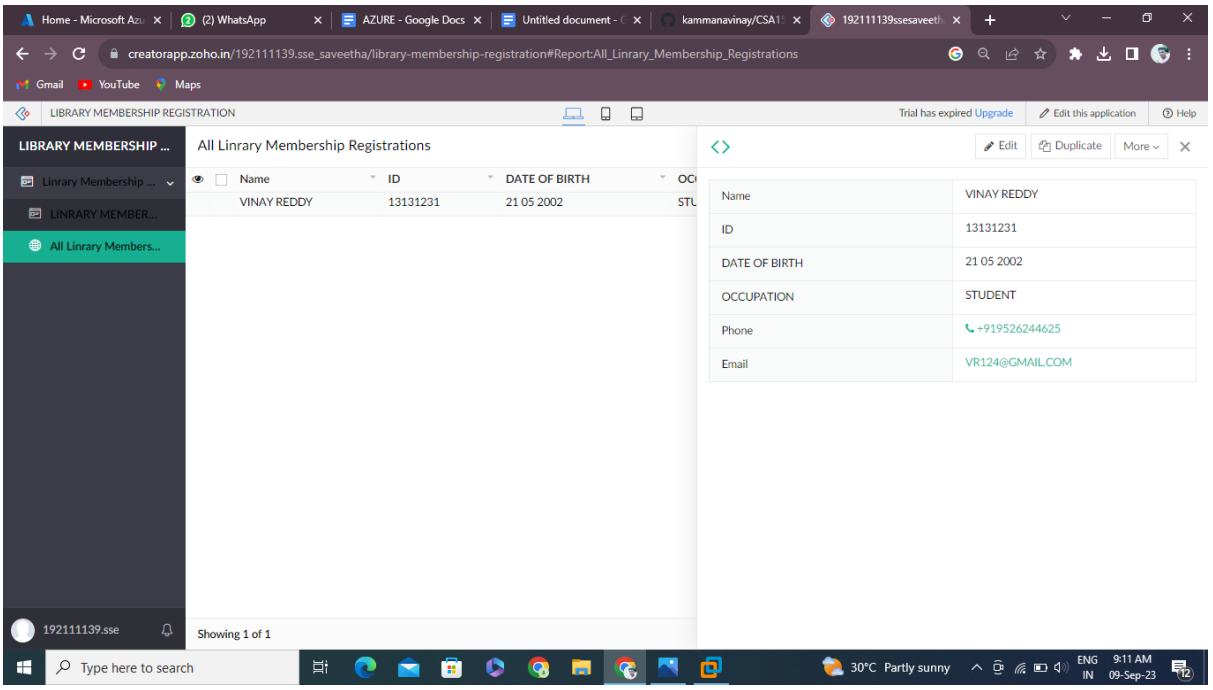
EXP NO 16


creatorapp.zoho.in/192111139.sse_saveetha/library-membership-registration#Report:All_Linrary_Membership_Registrations
LIBRARY MEMBERSHIP REGISTRATION
Trial has expired Upgrade
Edit this application
Help
LIBRARY MEMBERSHIP ...
Linrary Membership ...
LINRARY MEMBER...
All Linrary Members...
All Linrary Membership Registrations
Name
ID
DATE OF BIRTH
VINAY REDDY
13131231
21 05 2002
Edit
Duplicate
More
Name
VINAY REDDY
ID
13131231
DATE OF BIRTH
21 05 2002
OCCUPATION
STUDENT
Phone
+919526244625
Email
VR124@GMAIL.COM
192111139.sse
Showing 1 of 1
Type here to search
30°C Partly sunny
ENG
IN
9:11 AM
09-Sep-23

Library membership registration

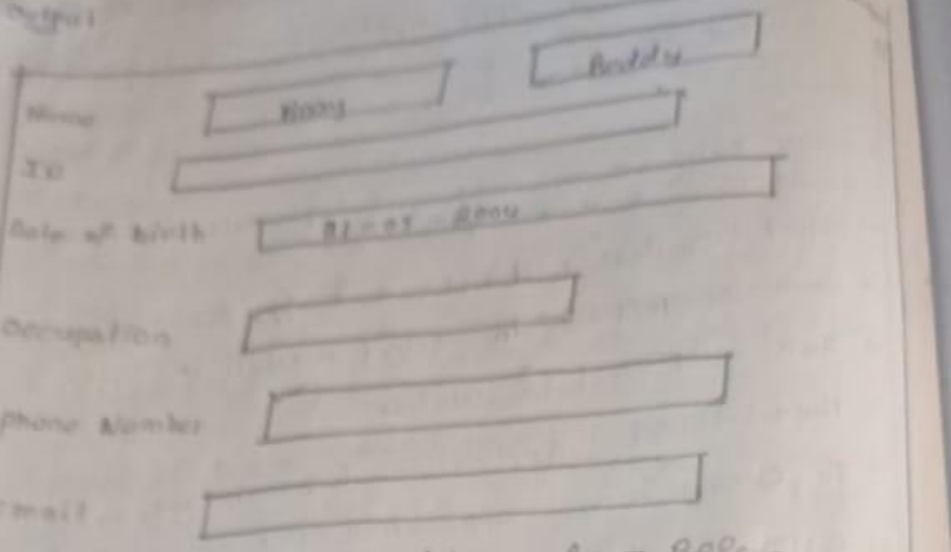
Exp No : 16

Aim : To create a web application for Library membership Registration

Procedure :

1) open zoho.com website and login into that website with your email
2) Select "Creator" to build custom apps for our own needs
3) From the left side bar select "solution"
4) Then click "create solution"
5) then select "Application" to create web app
6) To create a new application click on "create from scratch"
7) enter the application name "Library membership registration"
8) then to create new form, provide form name
9) Go to Buider form and add all the neccessary elements as attributes into the form
10) some of attributes like "Name", "ID", "Date of birth", "occupation", "phone number", "email" and "address"
11) Save the form and access the application
12) Run the application by giving different inputs

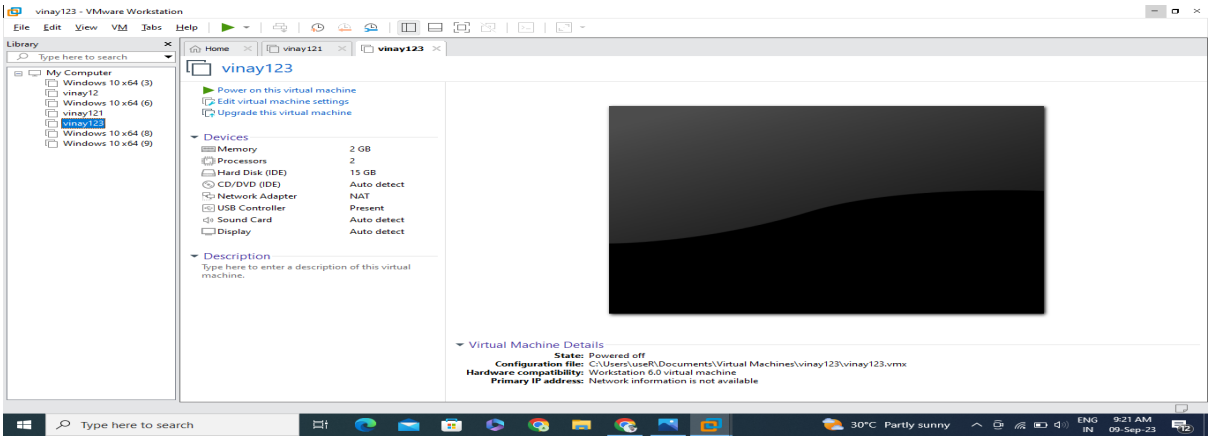
Output



Result

Thus the web application for library membership registration was created successfully using the zoho.com

EXP NO 17


vinay123 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Windows 10 x64 (3)
vinay12
Windows 10 x64 (6)
vinay121
vinay123
Windows 10 x64 (8)
Windows 10 x64 (9)
Home
vinay121
vinay123
vinay123
Power on this virtual machine
Edit virtual machine settings
Upgrade this virtual machine
Devices
Memory 2 GB
Processors 2
Hard Disk (IDE) 15 GB
CD/DVD (IDE) Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Display Auto detect
Description
Type here to enter a description of this virtual machine.
Virtual Machine Details
State: Powered off
Configuration file: C:\Users\userR\Documents\Virtual Machines\vinay123\vinay123.vmx
Hardware compatibility: Workstation 6.0 virtual machine
Primary IP address: Network information is not available
Type here to search
30°C Partly sunny
ENG IN
9:21 AM 09-Sep-23

Hardware compatibility of a VM

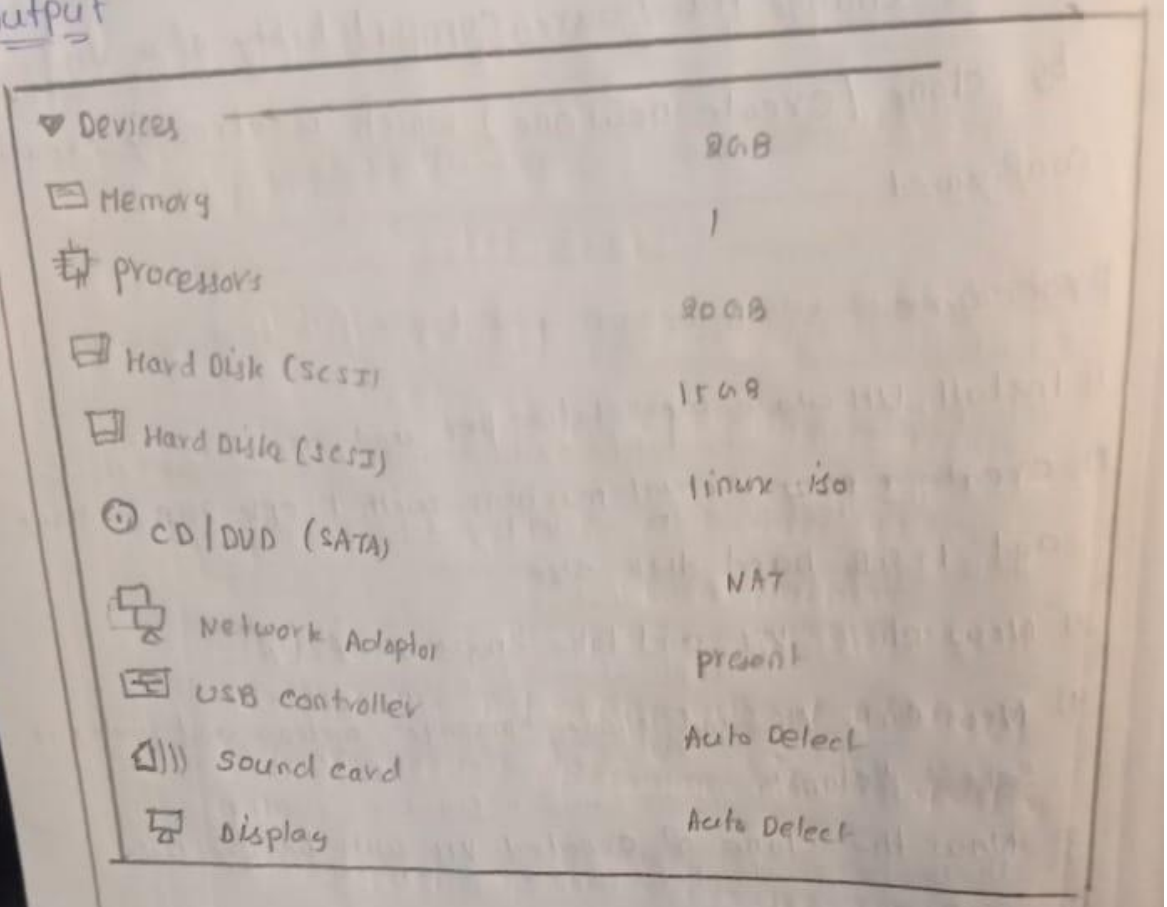
EXP No: 12 Date:

Aim: To change Hardware compatibility of a VM (either by clone / create new one) which is already created and configured

Procedure

1) Install VM ware workstation pro and open it
2) Create a new virtual machine with 1 cpu 8GB memory and 150GB hard disk size
3) Now click VM and take snapshot of VM
4) Now Goto VM and chose "manage" option and under it Select "clone"
5) Now the clone of created VM will be created
6) Now give right click on the VM
7) Go to setting, VM configuration will be displayed
8) ADD hardware wizard and select scsi, and click next
9) Create new virtual disk
10) Select the disk size as 20 and select split virtual disk into multiple
11) give name and click the finish
12) In the VM configuration, their will be a new virtual hard disk will be added

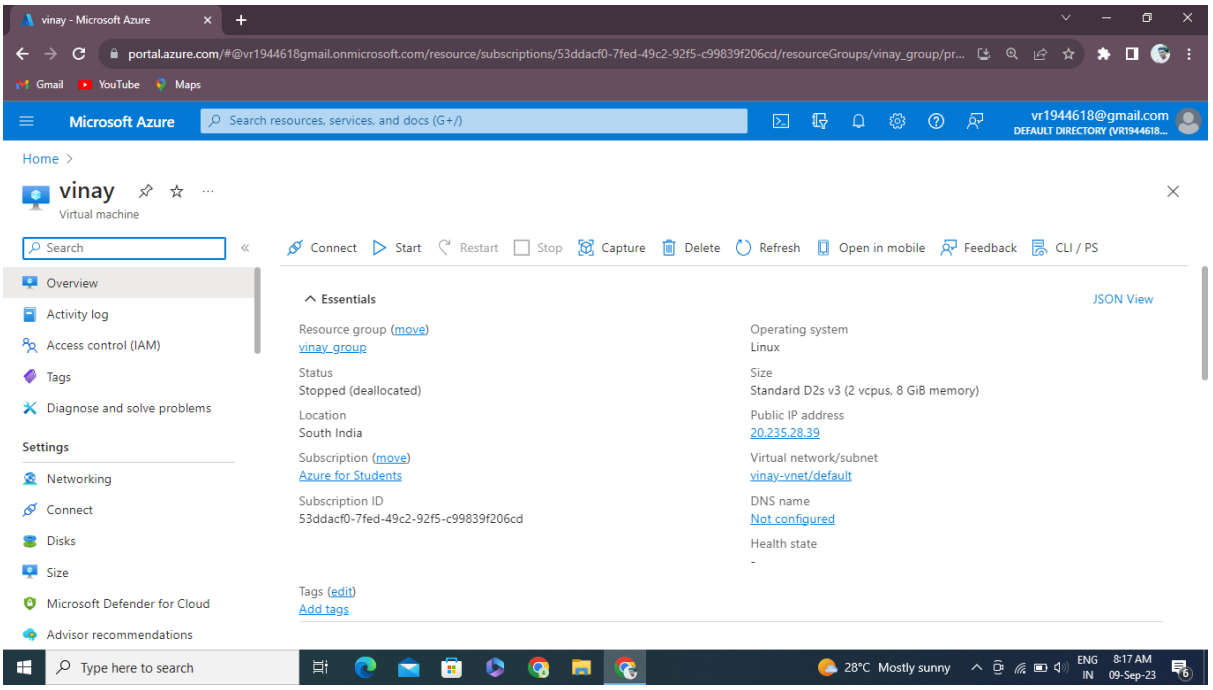
Output



Result

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

EXP NO 18


vinay - Microsoft Azure
portal.azure.com/#@vr1944618gmail.onmicrosoft.com/resource/subscriptions/53ddacf0-7fed-49c2-92f5-c99839f206cd/resourceGroups/vinay_group/pr...
Gmail
YouTube
Maps
Microsoft Azure
Search resources, services, and docs (G+/)
vr1944618@gmail.com
DEFAULT DIRECTORY (VR1944618...
Home
vinay
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
Feedback
CLI / PS
Essentials
JSON View
Resource group (move)
vinay_group
Status
Stopped (deallocated)
Location
South India
Subscription (move)
Azure for Students
Subscription ID
53ddacf0-7fed-49c2-92f5-c99839f206cd
Operating system
Linux
Size
Standard D2s v3 (2 vcpus, 8 GiB memory)
Public IP address
20.235.28.39
Virtual network/subnet
vinay-vnet/default
DNS name
Not configured
Health state
-
Tags (edit)
Add tags
Type here to search
28°C Mostly sunny
ENG
IN
8:17 AM
09-Sep-23

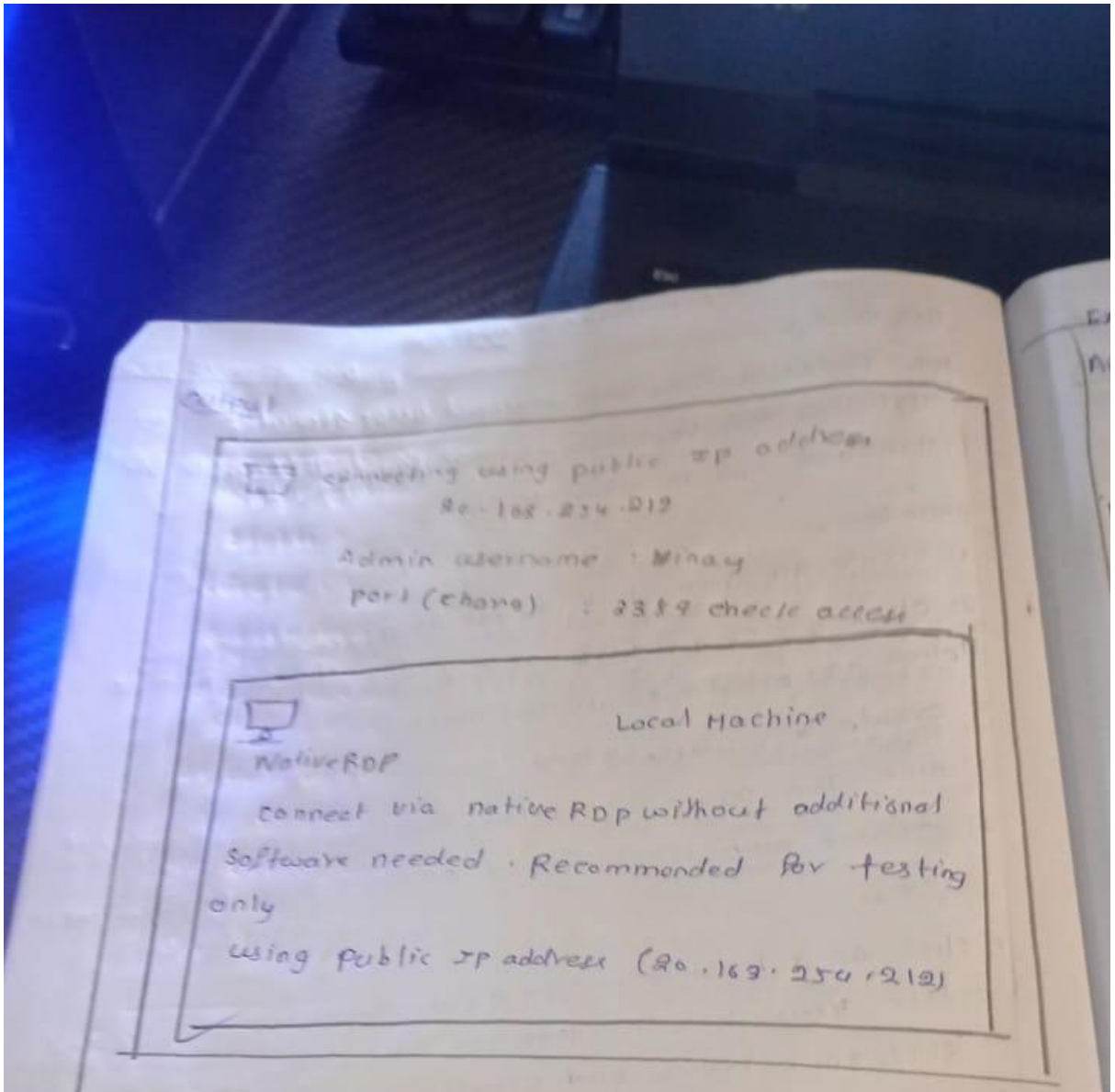
Demonstration of IaaS

Exp No: 1e

Aim: To demonstrate infrastructure as a service (IaaS) by establishing the remote connection launch the created VM image and run in your desktop

Procedure

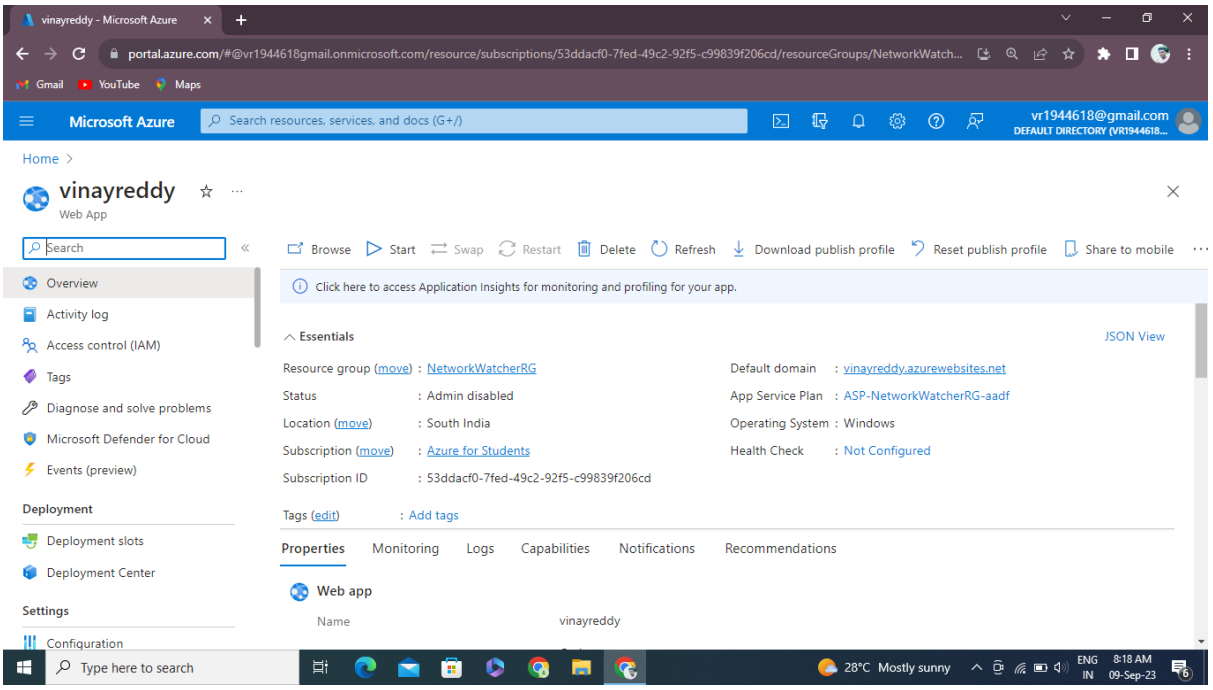
1) create an account of microsoft azure
2) click on create a resource
3) click on create of virtual machine
4) create a resource group
5) give the name of virtual machine
6) choose any region based on cpu & RAM configuration of size
7) click an authentication type // and choose >> password>> and create your own username and password.
8) click on << review and create>>
9) wait few minutes for getting the validation passed
10) After click on "create then see your resourcegroup is created and virtual machine also
11) click on "back to home"
12) Now see your resource group and VM is created
13) click on the name of VM
14) click on "connect" and wait for few minute for checking the network security of client ip-address
15) click on rdp "download" rdp file than open the rdp



Result:

Thus the demonstration of IaaS by establishing remote connection was completed successfully

EXP NO 19


vinayreddy - Microsoft Azure
portal.azure.com/#@vr1944618gmail.onmicrosoft.com/resource/subscriptions/53ddacf0-7fed-49c2-92f5-c99839f206cd/resourceGroups/NetworkWatch...
Gmail
YouTube
Maps
Microsoft Azure
Search resources, services, and docs (G+/)
vr1944618@gmail.com
DEFAULT DIRECTORY (VR1944618...
Home
vinayreddy
Web App
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Microsoft Defender for Cloud
Events (preview)
Deployment
Deployment slots
Deployment Center
Settings
Configuration
Browse
Start
Swap
Restart
Delete
Refresh
Download publish profile
Reset publish profile
Share to mobile
Click here to access Application Insights for monitoring and profiling for your app.
Essentials
JSON View
Resource group (move) : NetworkWatcherRG
Status : Admin disabled
Location (move) : South India
Subscription (move) : Azure for Students
Subscription ID : 53ddacf0-7fed-49c2-92f5-c99839f206cd
Default domain : vinayreddy.azurewebsites.net
App Service Plan : ASP-NetworkWatcherRG-aadf
Operating System : Windows
Health Check : Not Configured
Tags (edit) : Add tags
Properties
Monitoring
Logs
Capabilities
Notifications
Recommendations
Web app
Name
vinayreddy
Type here to search
28°C Mostly sunny
ENG
IN
8:18 AM
09-Sep-23

Demonstrate paas

Exp No :19

Aim :- To demonstrate platform as a service (paas) create and configure a new VM image in any public cloud service provider

Procedure

1) open azure service provider
2) Login to the azure (free for students)
3) provide your organization details with college email address
4) All cloud services will be displayed
5) then click on "create a resource" for resource creation
6) give the resource group name
7) goto the app service to create an web app
8) enter the resource group and webapp name and region and select the linux os
9) After enter the all the necessary things click the review and create and d click the create the web app
10) And our deployment is created.

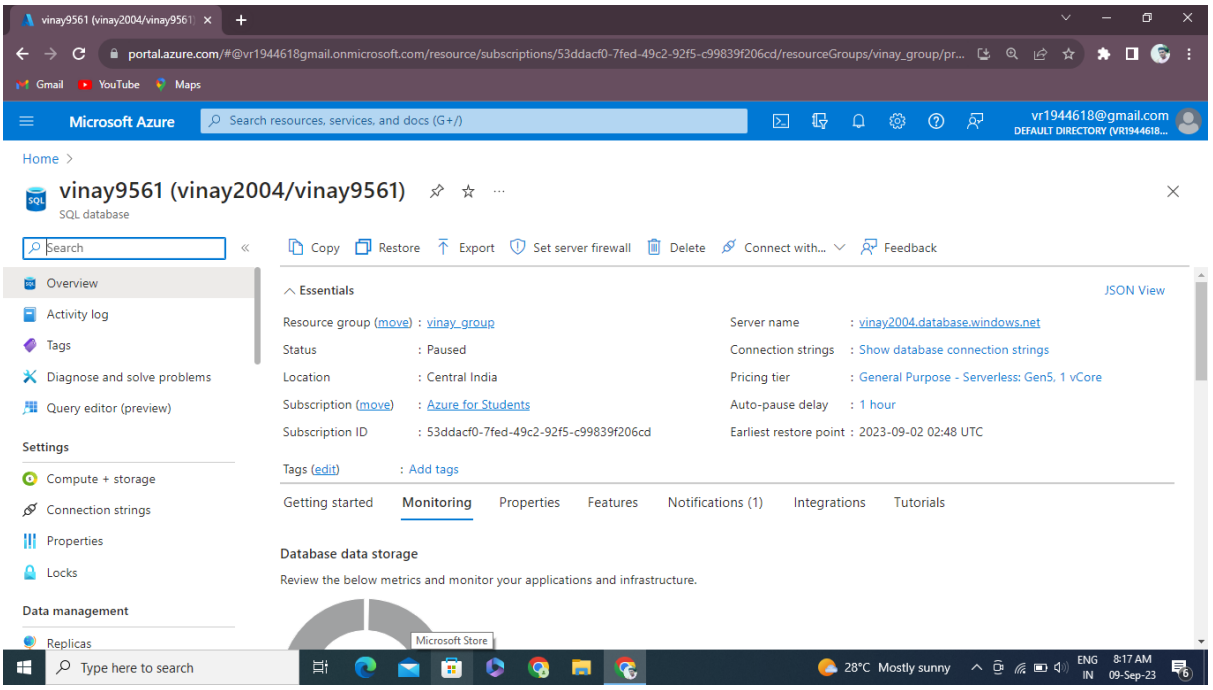
Output

Resource group	: vinay
Status	: Running
Location	: South India
Subscription	: Azure for Students
Subscription ID	: 33dfa-fa-3fed-4961-93ff-...
Default domain	: vinay azure website.net
App service plan	: Asp-vinay-adfs
Operating system	: Linux

Result

Thus the demonstration of platform as a service was completed successfully using azure service provider

EXP NO 20


vinay9561 (vinay2004/vinay9561)
portal.azure.com/#@vr1944618gmail.onmicrosoft.com/resource/subscriptions/53ddacf0-7fed-49c2-92f5-c99839f206cd/resourceGroups/vinay_group/pr...
Gmail
YouTube
Maps
Microsoft Azure
Search resources, services, and docs (G+/)
vr1944618@gmail.com
DEFAULT DIRECTORY (VR1944618...
Home
vinay9561 (vinay2004/vinay9561)
SQL database
Search
Overview
Activity log
Tags
Diagnose and solve problems
Query editor (preview)
Settings
Compute + storage
Connection strings
Properties
Locks
Data management
Replicas
Copy
Restore
Export
Set server firewall
Delete
Connect with...
Feedback
Essentials
JSON View
Resource group (move) : vinay_group
Status : Paused
Location : Central India
Subscription (move) : Azure for Students
Subscription ID : 53ddacf0-7fed-49c2-92f5-c99839f206cd
Server name : vinay2004.database.windows.net
Connection strings : Show database connection strings
Pricing tier : General Purpose - Serverless: Gen5, 1 vCore
Auto-pause delay : 1 hour
Earliest restore point : 2023-09-02 02:48 UTC
Tags (edit) : Add tags
Getting started
Monitoring
Properties
Features
Notifications (1)
Integrations
Tutorials
Database data storage
Review the below metrics and monitor your applications and infrastructure.
Microsoft Store
Type here to search
28°C Mostly sunny
ENG
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8:17 AM
09-Sep-23

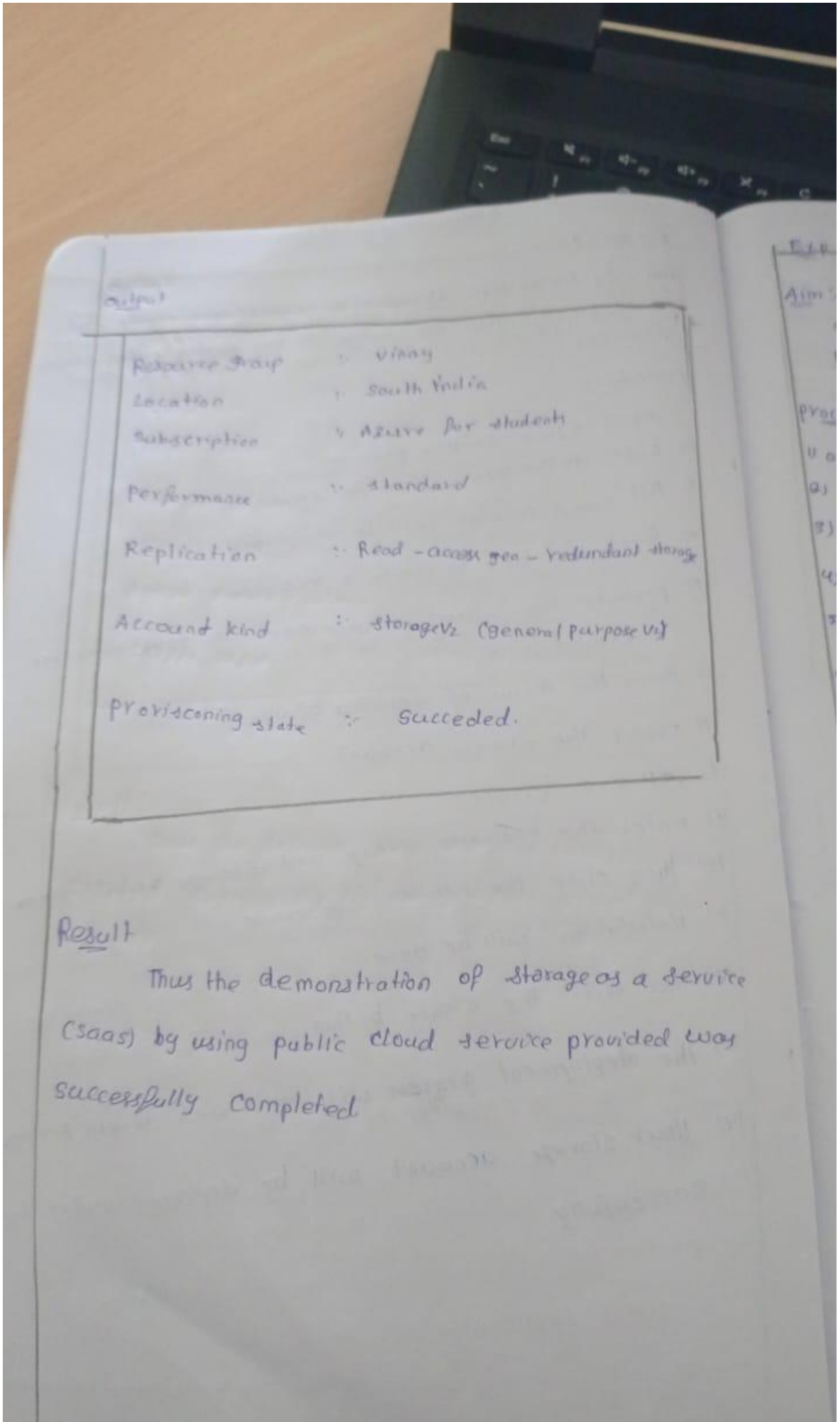
Demonstration of SaaS

Exp No: 8e

Aim: to demonstrate storage as a service (SaaS) create and configure a new VM image in any public cloud service provider

Procedure

1) open azure service provider
2) Login to the azure (free for students)
3) All cloud services will be displayed
4) first we have to create a resource
5) provide region and resource name and your resource is created
6) from the menu of services of azure
7) select the storage account
8) click on "create"
9) enter the resource group and storage account name
10) then click the review and create
11) validation will be done
12) then click the create button
13) the deployment process will begin and it will progress
14) your storage account will be deployed and created successfully



Output

Resource group	:	vinay
Location	:	South India
Subscription	:	Azure for students
Performance	:	standard
Replication	:	Read-access geo-redundant storage
Account kind	:	StorageV2 (General purpose v2)
Provisioning state	:	Succeeded.

Result

Thus the demonstration of storage as a service (Saas) by using public cloud service provided was successfully completed