Create a virtual machine

Basics | Disks | Networking | Management | Advanced | Tags | Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image.
Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization.
Looking for classic VMs? Create VM from Azure Marketplace

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * : Microsoft Azure

Resource group * : (New) Payroll1
Create new

Instance details

Virtual machine name * : Vmweb001

- Azure resource names cannot contain special characters \/"[]:|<>+=;,?*@& or begin with '_' or end with '.' or '-'
- Virtual machine name must be unique in the current resource group.
- The value is in between 1 and 64 characters long.
- All characters are valid for Linux OS computername.

Region * : (US) East US

Availability options : No infrastructure redundancy required

Image * : Ubuntu Server 18.04 LTS
Browse all public and private images

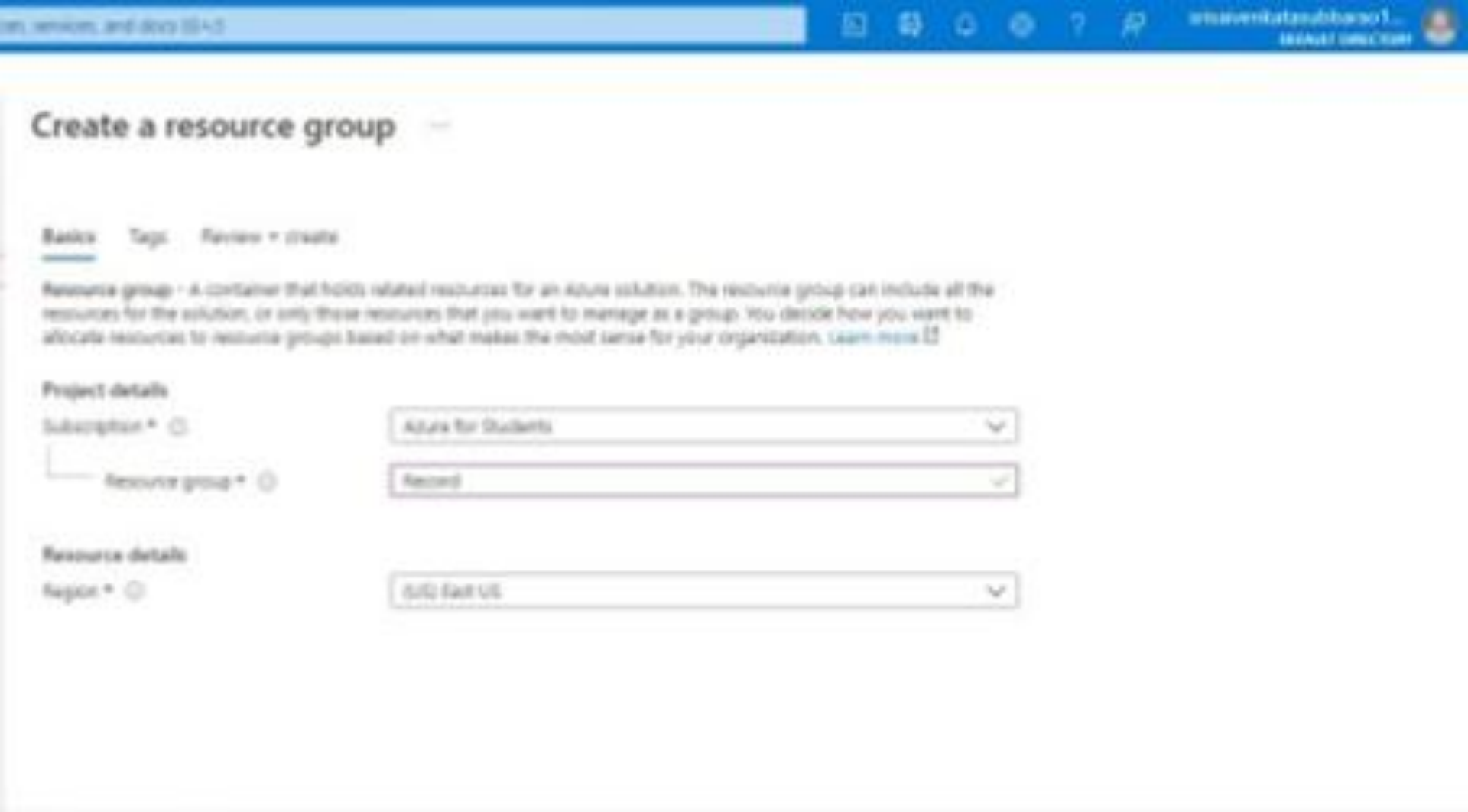
Review + create | < Previous | Next : Disks >

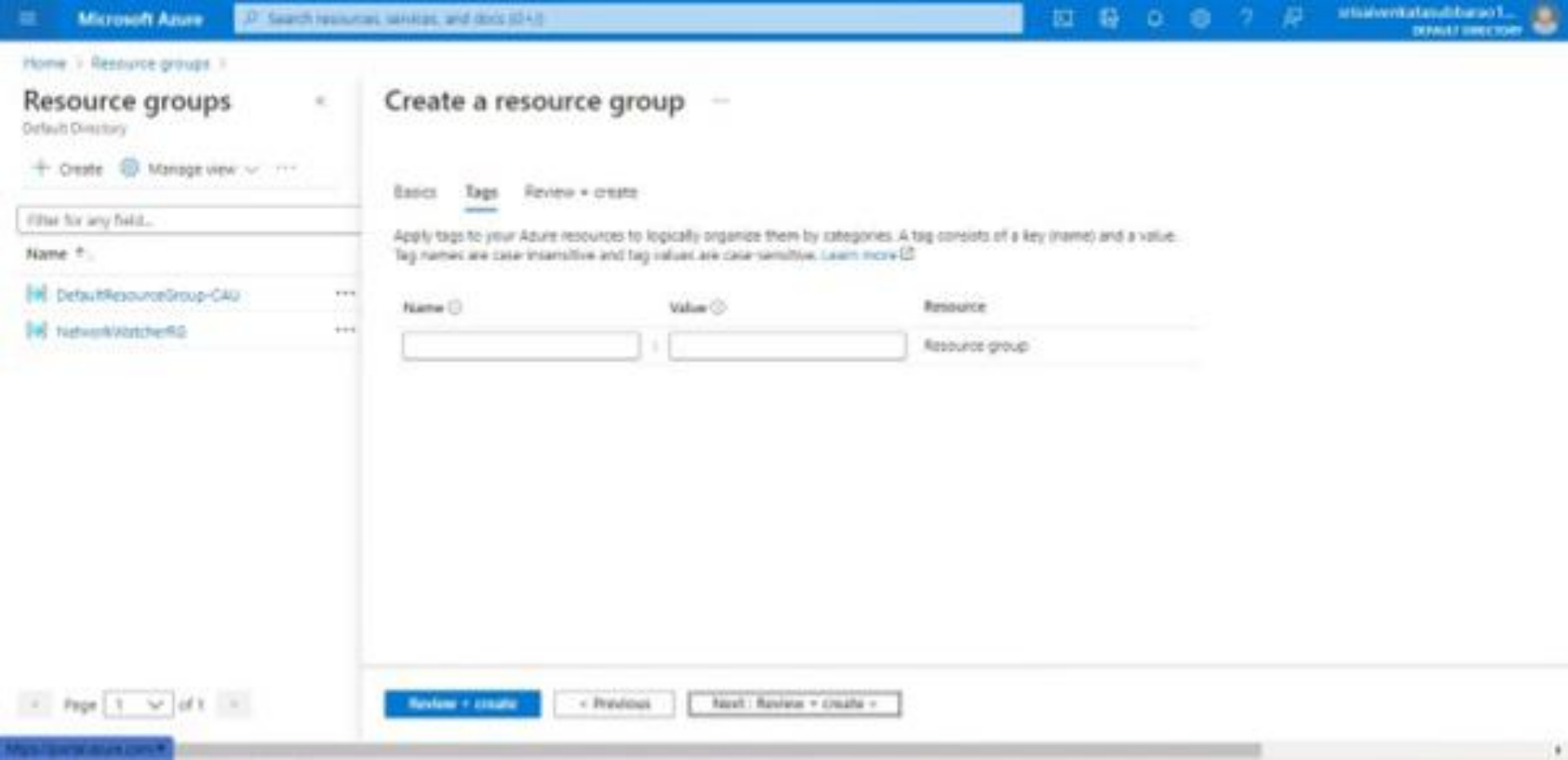
Create a virtual machine

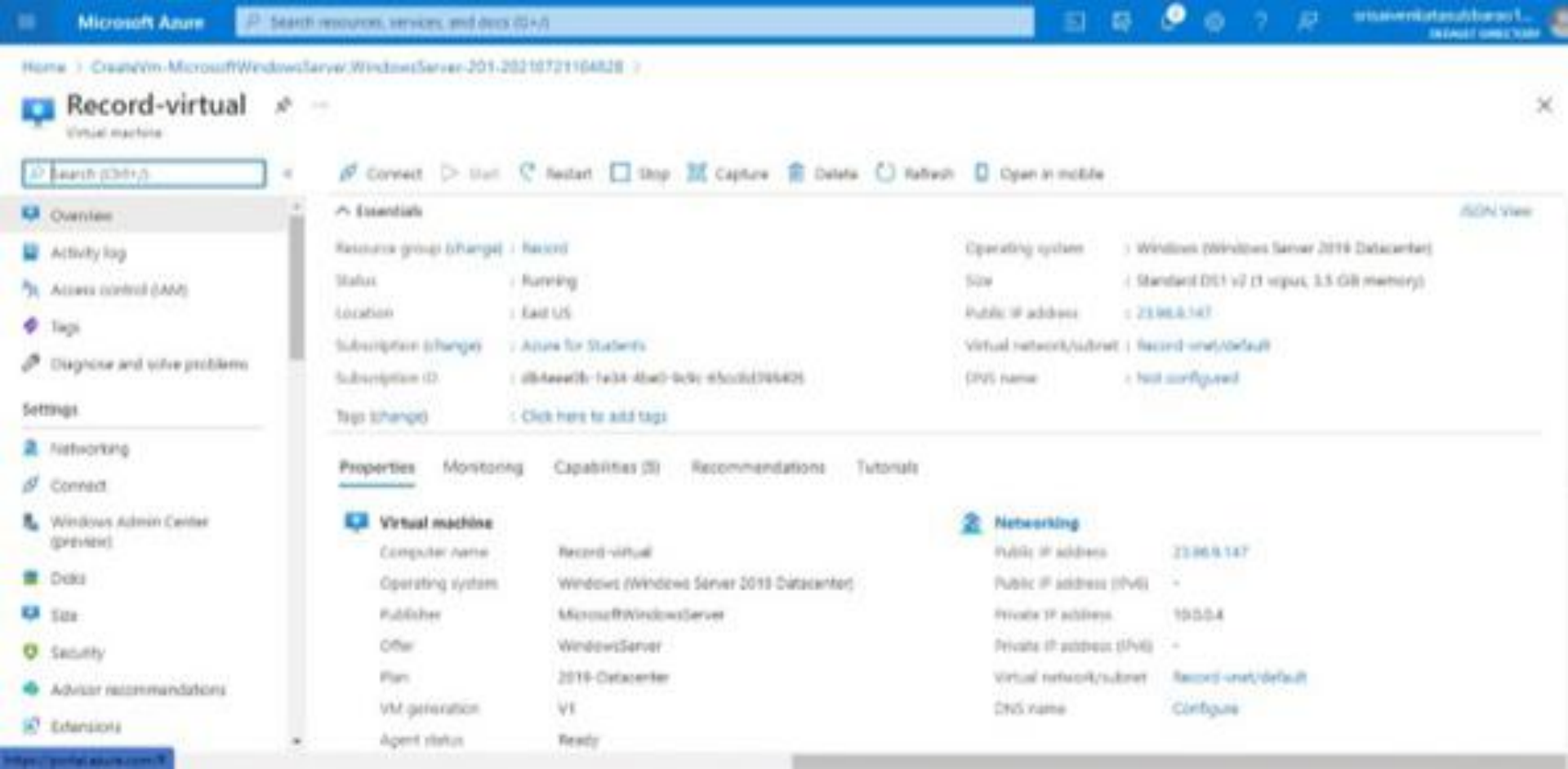
Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. Learn more about tags

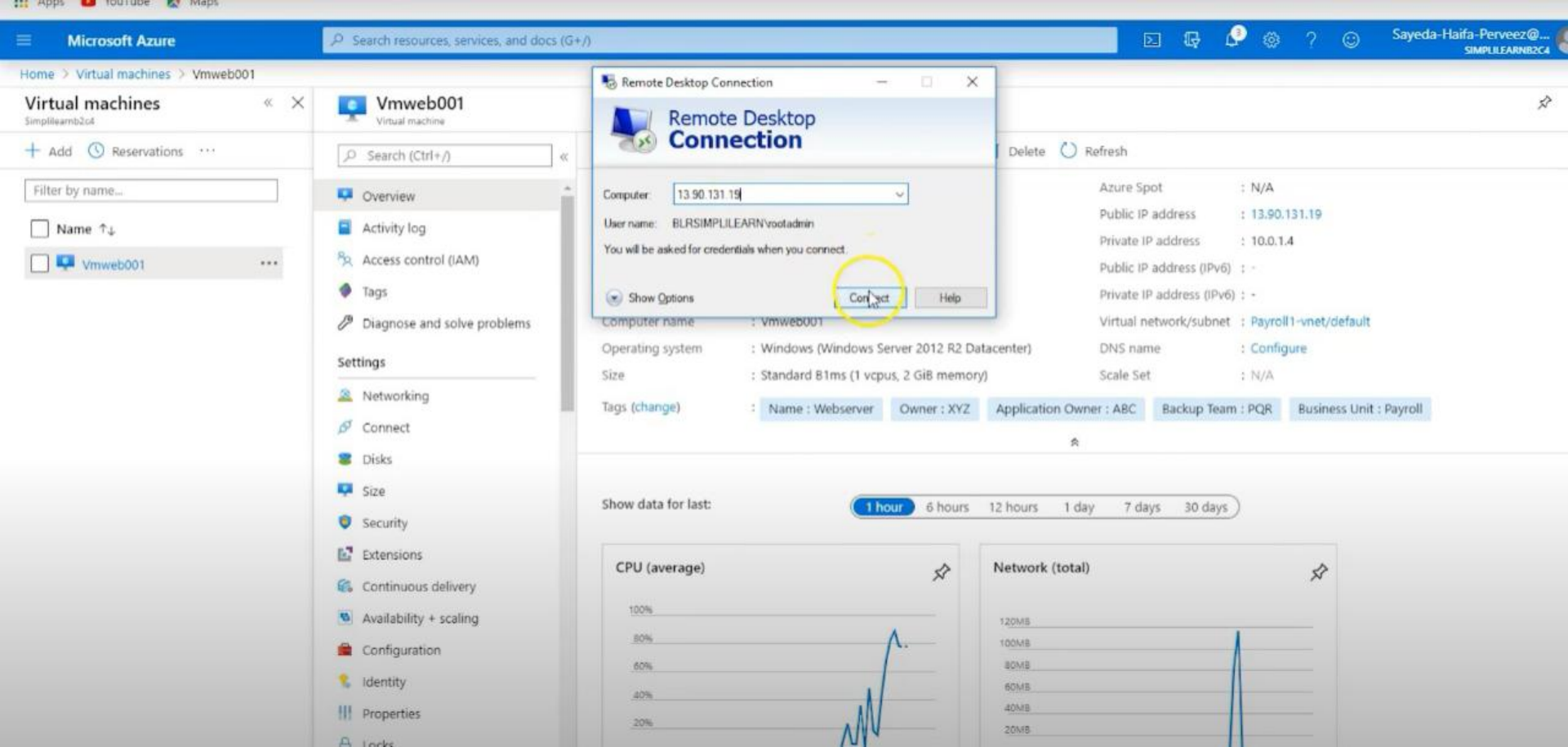
Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

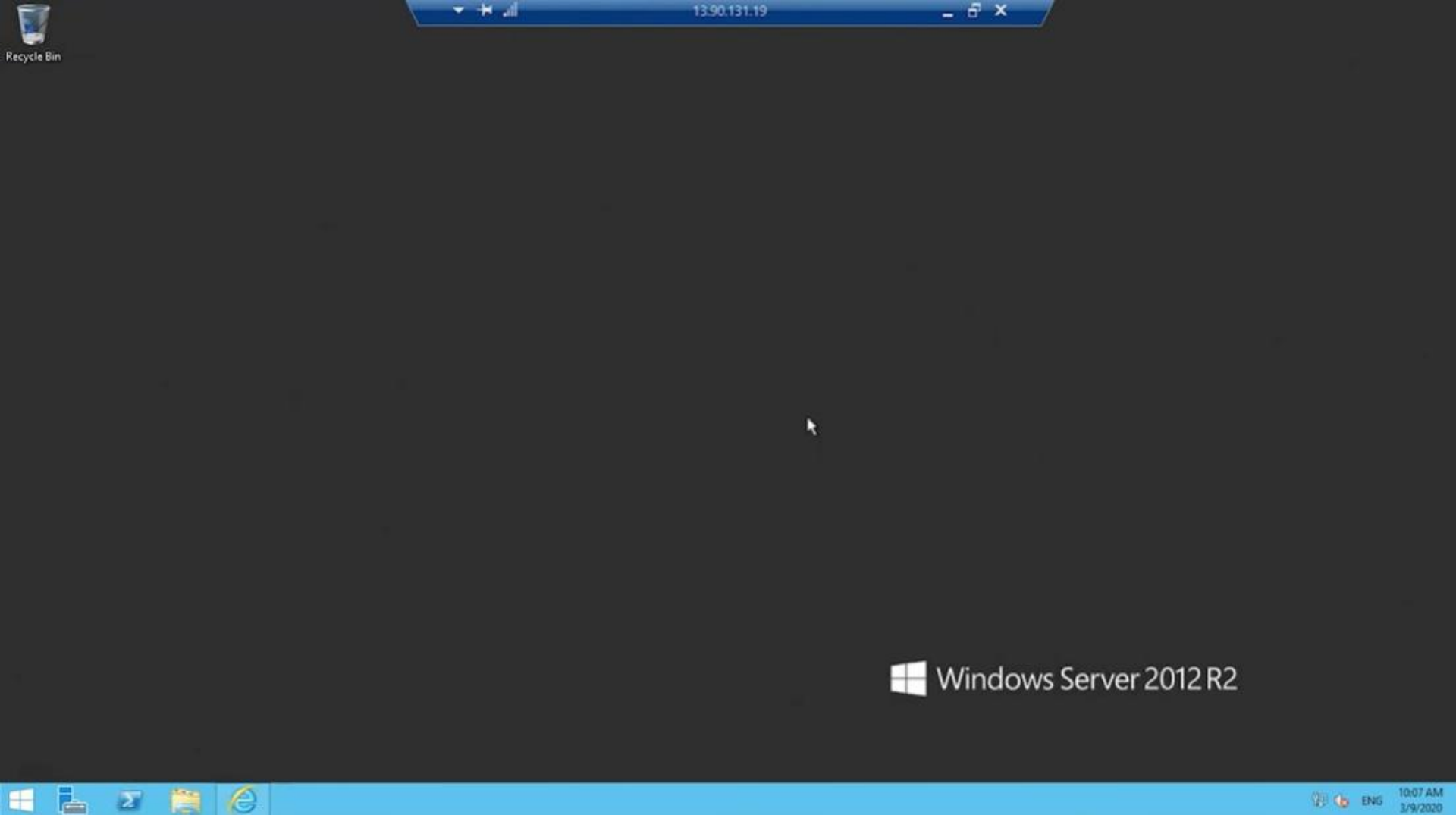
Name	Value	Resource
Name	Webserver	All resources
Owner	XYZ	All resources
Application Owner	ABC	All resources
Backup Team	PQR	All resources
Business Unit	Payroll	11 selected
		11 selected


Create a resource group
Basics
Tags
Review + create
Project details
Subscription *
Azure for Students
Resource group *
Resource details
Region *
(US) East US


Microsoft Azure
Home > Resource groups
Resource groups
Default Directory
+ Create
Manage view
Filter for any field...
Name
DefaultResourceGroup-CAU
NetworkWatcherRG
Page 1 of 1
Create a resource group
Basics
Tags
Review + create
Apply tags to your Azure resources to logically organize them by categories. A tag consists of a key (name) and a value. Tag names are case-insensitive and tag values are case-sensitive. Learn more
Name
Value
Resource
Resource group
Review + create
< Previous
Next : Review + create >


Microsoft Azure
Search resources, services, and docs (G+/)
Home
Record-virtual
Virtual machine
Search (Ctrl+/)
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Windows Admin Center (preview)
Disks
Size
Security
Advisor recommendations
Extensions
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
Essentials
JSON View
Resource group (change) : Record
Status : Running
Location : East US
Subscription (change) : Azure for Students
Subscription ID :
Tags (change) : Click here to add tags
Operating system : Windows (Windows Server 2019 Datacenter)
Size : Standard DS1 v2 (1 vcpus, 3.5 GB memory)
Public IP address :
Virtual network/subnet : Record-vnet/default
DNS name : Not configured
Properties
Monitoring
Capabilities (5)
Recommendations
Tutorials
Virtual machine
Computer name Record-virtual
Operating system Windows (Windows Server 2019 Datacenter)
Publisher MicrosoftWindowsServer
Offer WindowsServer
Plan 2019-Datacenter
VM generation V1
Agent status Ready
Networking
Public IP address
Public IP address (IPv6) -
Private IP address 10.0.0.4
Private IP address (IPv6) -
Virtual network/subnet Record-vnet/default
DNS name Configure


Microsoft Azure
Search resources, services, and docs (G+/)
Sayeda-Haifa-Perveez@...
SIMPLILEARNB2C4
Home > Virtual machines > Vmweb001
Virtual machines
Simplilearnb2c4
Add
Reservations
Filter by name...
Name
Vmweb001
Vmweb001
Virtual machine
Search (Ctrl+/)
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Security
Extensions
Continuous delivery
Availability + scaling
Configuration
Identity
Properties
Locks
Remote Desktop Connection
Remote Desktop Connection
Computer: 13.90.131.19
User name: BLRSIMPLILEARN\rootadmin
You will be asked for credentials when you connect.
Show Options
Connect
Help
Delete
Refresh
Azure Spot : N/A
Public IP address : 13.90.131.19
Private IP address : 10.0.1.4
Public IP address (IPv6) : -
Private IP address (IPv6) : -
Virtual network/subnet : Payroll1-vnet/default
DNS name : Configure
Scale Set : N/A
Computer name : Vmweb001
Operating system : Windows (Windows Server 2012 R2 Datacenter)
Size : Standard B1ms (1 vcpus, 2 GiB memory)
Tags (change) : Name : Webserver | Owner : XYZ | Application Owner : ABC | Backup Team : PQR | Business Unit : Payroll
Show data for last:
1 hour
6 hours
12 hours
1 day
7 days
30 days
CPU (average)
Network (total)


13.90.131.19
Recycle Bin
Windows Server 2012 R2
ENG
10:07 AM
3/9/2020

Experiment-13

Aim: To demonstrate infrastructure as a services [Iaas] by creating a virtual machine using a public cloud service provider [Azure]

Procedure:

→ Create an account in microSoft Azure
→ Go to resource group and Create a resource group
→ Given necessary things for resource group
→ Create a virtual Network for to Create a virtual machine
→ Now Create a virtual machine with UR IP address an Username and password for Your Virtual machine
→ AND Your virtual machine is Deployed.
→ Now Connect the virtual machine And Download the RDP file to open Your Windows VM.
→ Created a new Windows VM.

Result:

Hence, we successfully demonstrated [Iaas] by Creating a VM using a public cloud Service Provider [Azure]