

### Experiment: 13

Aim:- To Demonstrate Infrastructure as a Service (IaaS) by creating a virtual machine using a public cloud Service provider (Azure), configure with required memory.







#### Procedure:-

- S.01:- Create an account in Microsoft Azure.
- S.02:- Goto Resource Group and create a Resource Group.
- S.03:- Give necessary things for Resource Group.
- S.04:- Create a virtual network for to create a virtual machine.
- S.05:- Now, create a virtual machine with IP address, username and password for your virtual machine.
- S.06:- And your virtual machine is deployed.
- S.07:- Now connect the virtual machine and download the RDP file to open your windows virtual machine.
- S.08:- Created a new windows virtual machine.

Result:- Hence, we successfully demonstrated the IaaS by creating a virtual machine using public cloud Service provider (Azure).

Microsoft Azure

Search resources, services, and docs (G+/)



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SIMPLILEARNB2C4

Home > Virtual machines > Create a virtual machine

Create a virtual machine

BasicsDisksNetworkingManagementAdvancedTagsReview + 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

Region \* ⓘ  
(US) East US

Availability options ⓘ  
No infrastructure redundancy required

Image \* ⓘ  
Ubuntu Server 18.04 LTS  
[Browse all public and private images](#)

- ✓ 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.

Review + create

< Previous

Next : Disks >

Microsoft Azure

Search resources, services, and docs (G+/)

📧

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⚙

?

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Review + create

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Next : Disks >



## Create a virtual machine

Basics

Disks

Networking

Management

Advanced

Tags

Review + create

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	🗑️ ...

## Virtual machines

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+ 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

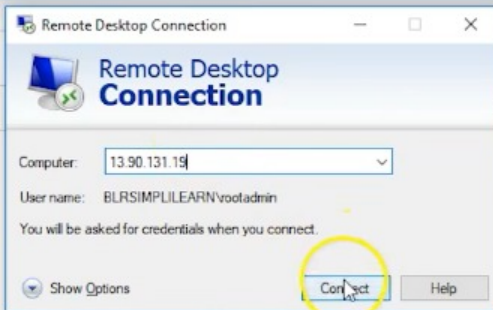
Availability + scaling

Configuration

Identity

Properties

Locks



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:

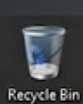
1 hour 6 hours 12 hours 1 day 7 days 30 days

### CPU (average)



### Network (total)





13.90.131.19



 Windows Server 2012 R2



10:07 AM  
3/9/2020