

# Cloud Assessment

Employee Id: 11990

Name: Rubanchinnarathinam.

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Create a virtual machine ...

✓ Validation passed

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   **Review + create**

ⓘ

Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

Price

1 X Standard DS1 v2

Subscription credits apply ⓘ

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12.4894 INR/hr

[Pricing for other VM sizes](#)

TERMS

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Basics

Subscription	Free Trial
Resource group	RubanVm
Virtual machine name	Avengers
Region	UK South
Availability options	Availability zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition Hotpatch - Gen2
VM architecture	x64
Size	Standard DS1 v2 (1 vcpu, 3.5 GiB memory)
Username	RubanVM
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

Home >



CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240217135214 | Overview



Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress



Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 2/17/2024, 1:56:40 PM  
Subscription: Free Trial Correlation ID: ca1f7348-d1f1-4040-b1b7-42c760bd812f  
Resource group: RubanVm

Deployment details

Resource	Type	Status	Operation details
No results.			

Give feedback






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Resource	Type	Status	Operation details
 Avengers	Microsoft.Compute/virtualMachines	Created	<a href="#">Operation details</a>
 avengers149_z1	Microsoft.Network/networkInterfa...	Created	<a href="#">Operation details</a>
 Avengers-vnet	Microsoft.Network/virtualNetworks	OK	<a href="#">Operation details</a>
 Avengers-ip	Microsoft.Network/publicIpAddre...	OK	<a href="#">Operation details</a>
 Avengers-nsg	Microsoft.Network/networkSecuri...	OK	<a href="#">Operation details</a>

Deployed a VM in azure :

 Your deployment is complete



Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...  
Subscription: [Free Trial](#)  
Resource group: [RubanVm](#)

Start time: 2/17/2024, 1:56:40 PM

Correlation ID: ca1f7348-d1f1-4040-b1b7-42c760bd812f



Deployment details

Connection in VM:

ver.WindowsServer-202-20240217135214 | Overview > Avengers

☆ ...

Refresh Troubleshoot More Options Feedback

Connecting using  
Public IP address | 20.77.10.2

Admin username : RubanVM  
Port (change) : 3389 [Check access](#)  
Just-in-time policy : Unsupported by plan

Most common

**Native RDP**  
Connect via native RDP without any additional software needed. Recommended for testing only.  
Public IP address (20.77.10.2)

Select

Download RDP file



## Native RDP

Connect from your local machine (Windows)

Switch local machine OS

### 1 Configure prerequisites for Native RDP

Azure needs to configure some features in order to connect to the VM.

#### ✓ Prerequisites configured

##### ✓ Port 3389 access

Port 3389 on this virtual machine is accessible from the local machine IP (47.247.178.166). [Learn more](#)

Change the port for connecting to this virtual machine on the Connect page of the virtual machine.

##### ✓ Public IP address: 20.77.10.2

A public IP address is required to connect via this connection method.

Configured

### 2 Open Remote Desktop Connection (on Windows)

Open Remote Desktop Connection. Or change your local machine operating system to view more instructions. [Learn more](#)

### 3 Download and open the RDP file

Download and open the RDP file to connect to the virtual machine.

Username

RubanVM

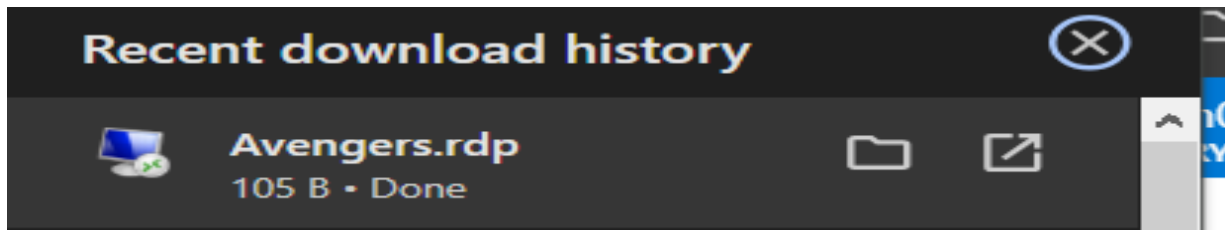
Download RDP file

Close

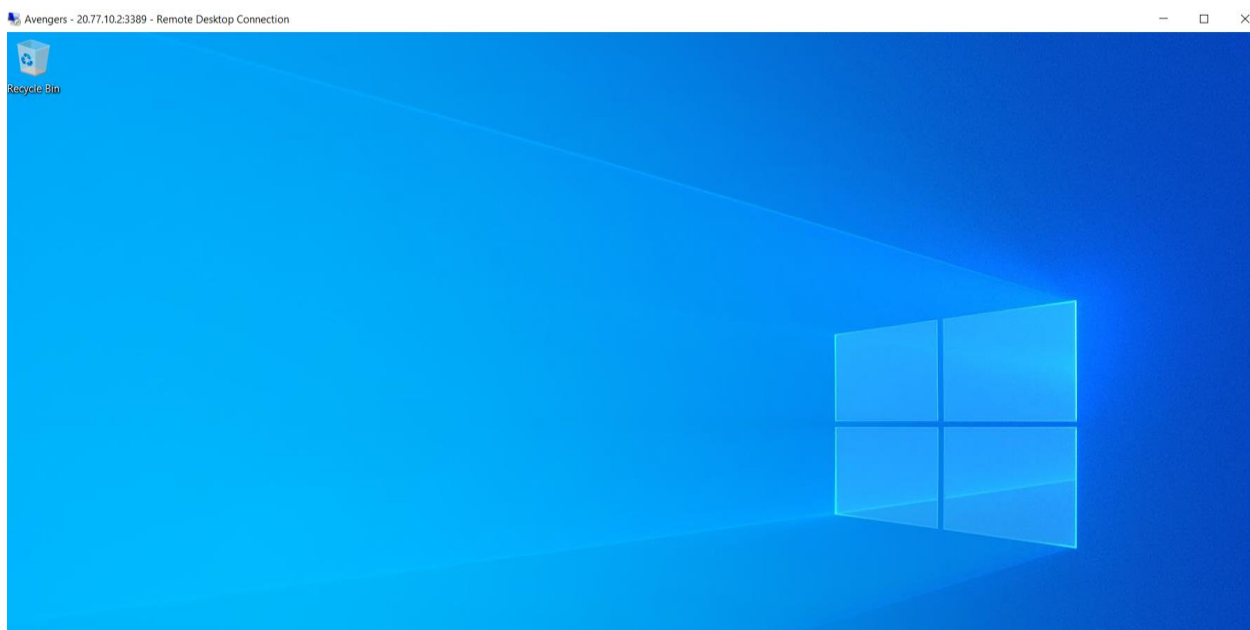
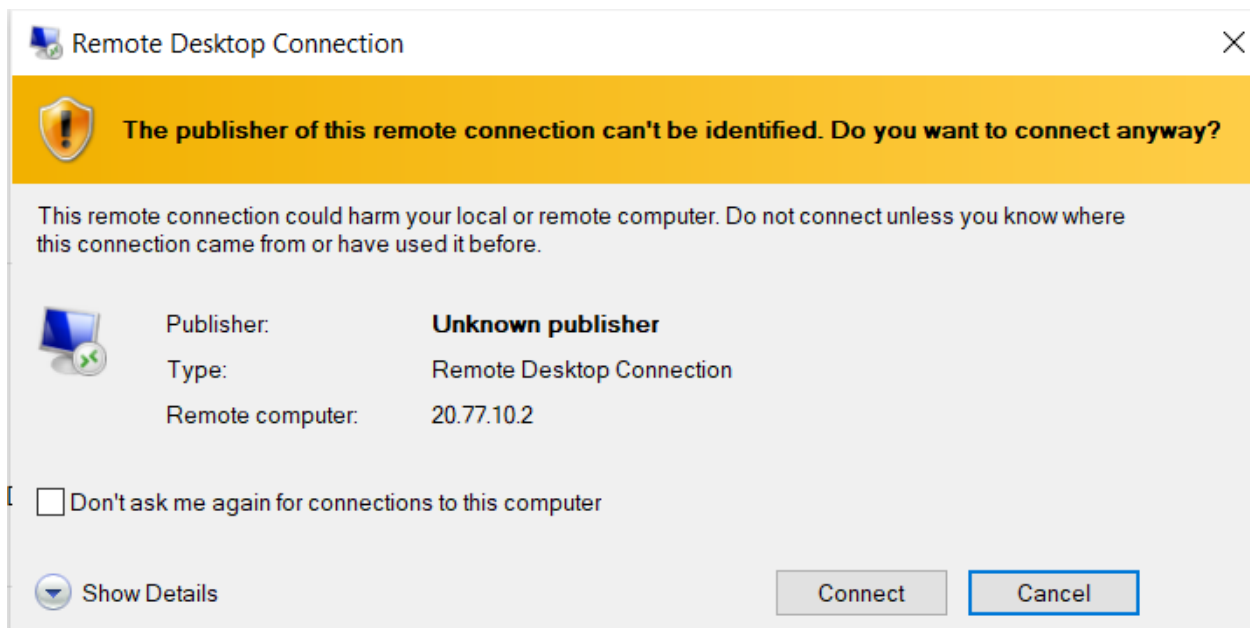
Troubleshooting

Give feedback

Download the RDP file:



Using VM in remote



## Server manager dashboard:

The screenshot displays the Windows Server Manager dashboard. The top navigation bar shows 'Server Manager' and 'Dashboard'. The left sidebar contains 'Dashboard', 'Local Server', and 'All Servers'. The main content area is titled 'WELCOME TO SERVER MANAGER' and includes a 'QUICK START' section with a numbered list of tasks: 1. Configure this local server, 2. Add roles and features, 3. Add other servers to manage, 4. Create a server group, and 5. Connect this server to cloud services. Below this is the 'ROLES AND SERVER GROUPS' section, which shows 'Roles: 0', 'Server groups: 1', and 'Servers total: 1'. It contains two columns: 'Local Server' and 'All Servers', each with a count of 1 and a list of roles: Manageability, Events, Services, Performance, and BPA results.

Server Manager

Server Manager ▸ Dashboard

Dashboard

Local Server

All Servers

WELCOME TO SERVER MANAGER

1 Configure this local server

2 Add roles and features

3 Add other servers to manage

4 Create a server group

5 Connect this server to cloud services

QUICK START

WHAT'S NEW

LEARN MORE

ROLES AND SERVER GROUPS

Roles: 0 | Server groups: 1 | Servers total: 1

Local Server	1	All Servers	1
Manageability		Manageability	
Events		Events	
Services		Services	
Performance		Performance	
BPA results		BPA results	

## Server Role:

## Select server roles

DESTINATION SERVER  
Avengers

Before You Begin

Installation Type

Server Selection

**Server Roles**

Features

Web Server Role (IIS)

Role Services

WDS

Role Services

Confirmation

Results

Select one or more roles to install on the selected server.

### Roles

- ☐ Active Directory Domain Services
- ☐ Active Directory Federation Services
- ☐ Active Directory Lightweight Directory Services
- ☐ Active Directory Rights Management Services
- ☐ Device Health Attestation
- ☐ DHCP Server
- ☐ DNS Server
- ☐ Fax Server
- ☒ File and Storage Services (1 of 12 installed)
- ☐ Host Guardian Service
- ☐ Hyper-V
- ☐ Network Controller
- ☐ Network Policy and Access Services
- ☐ Print and Document Services
- ☐ Remote Access
- ☐ Remote Desktop Services
- ☐ Volume Activation Services
- ☒ Web Server (IIS)
- ☒ **Windows Deployment Services**
- ☐ Windows Server Update Services

### Description

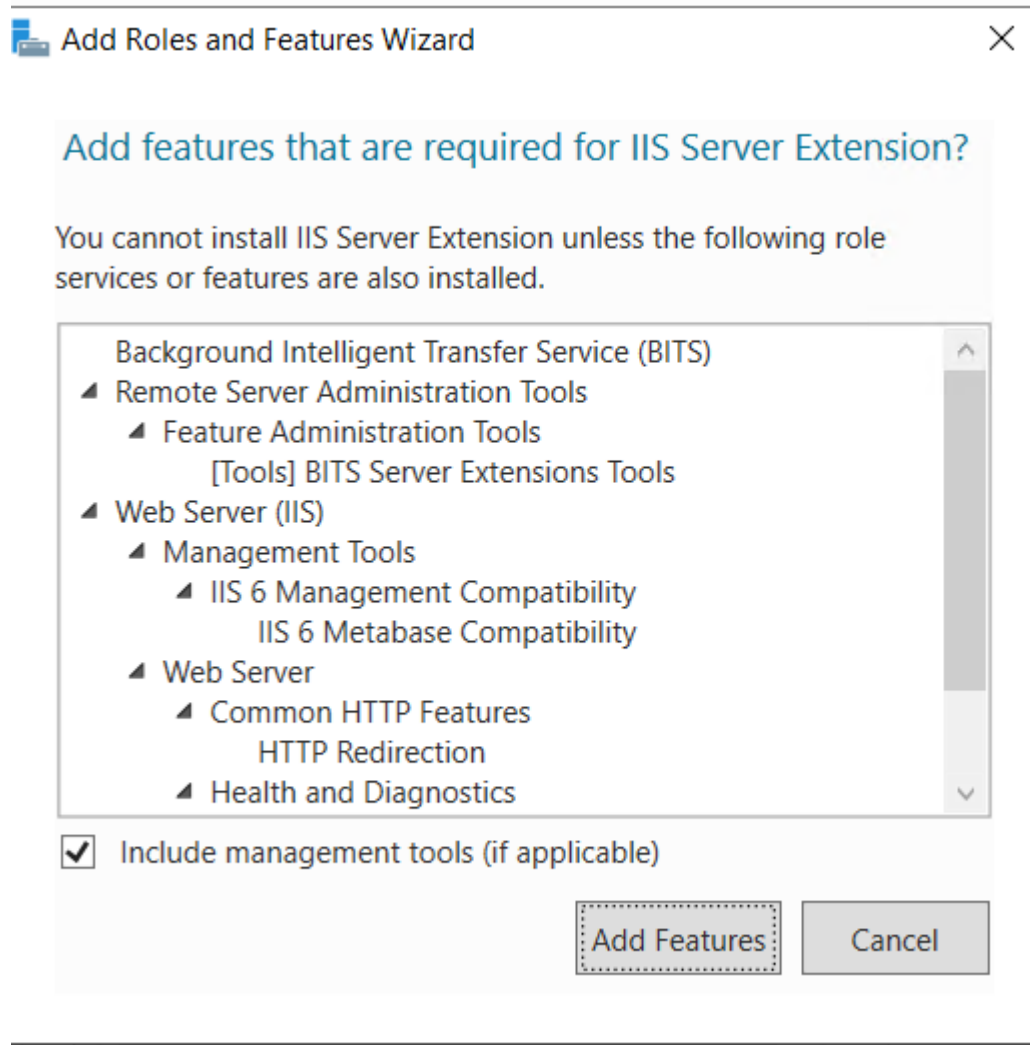
Windows Deployment Services provides a simplified, secure means of rapidly and remotely deploying Windows operating systems to computers over the network.

< Previous

Next >

Install

Cancel



Installing dotnet framework in VM:

View installation progress



Starting installation



**.NET Framework 3.5 Features**

.NET Framework 3.5 (includes .NET 2.0 and 3.0)

**.NET Framework 4.8 Features**

ASP.NET 4.8



Dotnet file is working properly :

### Upload Page

**Input Field 1:**

**Input Field 2:**

**Choose File:**


Choose File No file chosen

Upload File

**File uploaded successfully and data stored in Azure MySQL!**

Connecting with Azure mysql:

Creating a SQL in azure:

Showing 1 to 1 of 1 records.						
No grouping		List view				
Name	Resource type	Status	High availability	Resource group	Location	Subscription
 bz-500-113	Azure Database for MySQL flexible server	Available	Disabled	Rubanmysql	South Central US	Free Trial

## ^ Essentials

JSOI

Subscription ([move](#))

[Free Trial](#)

Subscription ID

4dd91f50-cc54-4057-aaa3-7333732cec42

Resource group ([move](#))

[Rubanmysql](#)

Status

Available

Location

South Central US

Server name

bz-500-113.mysql.database.azure.com

Server admin login name

Ruban

Configuration

[Burstable, B1ms, 1 vCores, 2 GiB RAM, 20 GiB storage](#)

MySQL version

8.0

Availability zone

2

Created On

2024-02-16 05:02:09.6250678 UTC

Tags ([edit](#))

## Writing a connection string in Dotnet application:

```
<connectionStrings>
  <add name="AzureMySQLConnectionString" connectionString="server=bz-500-113.mysql.database.azure.com;Database=AzureManagement;User Id=Ruban;Password=Password@12345" provider="MySql.Data.MySqlClient" />
  <add name="AzureBlobStorageConnectionString" connectionString="DefaultEndpointsProtocol=https;AccountName=rubanblob;AccountKey=GRorFuJs3rG8nm1gW7C8bAY756fsNppP1r2CsJpj" />
</connectionStrings>
```

## Checking in Local MYSQL server:

## Publishing the Dotnet code in Virtual studio:

×

### Publish

Where are you publishing today?

Target



#### Azure

Host your application to the Microsoft cloud



#### Docker Container Registry

Publish your application to any supported Container Registry that works with Docker images



#### Folder

Publish your application to a local folder or file share



#### FTP/FTPS Server

Publish your application to an FTP/FTPS server



#### Web Server (IIS)

Publish your application to IIS using Web Deploy or Web Deploy Package



#### Import Profile

Import your publish settings to deploy your app

Back

Next

Finish

Cancel

# Publish

Which Azure service would you like to use to host your application?

Target

Specific target



## Azure App Service (Windows)

Publish your application code to a managed infrastructure that is easy to scale



## Azure Container Registry

Publish your application as a Docker image to Azure Container Registry



## Azure Virtual Machine

Manage your own infrastructure

Back

Next

Finish

Cancel



RUBANVM



Avengers



Batman



RubanMaster



Publishing to Azure Virtual Machine...

Cancel

**Final output:**

## Upload Page

**Input Field 1:**

Enter value for Field 1

**Input Field 2:**

Enter value for Field 2

**Choose File:**

Choose File No file chosen

Upload File

### Inserting elements in Azure mysql:

## Upload Page

Input Field 1:

rc

Input Field 2:

r








Choose File:

Choose File

No file chosen

Upload File

File uploaded successfully and data stored in Azure MySQL!

Result Grid		 Filter Rows: <input type="text"/>	Edit:   	Export/Import:  	Wrap C
	ID	Field1	Field2	Filename	
▶	1	kac	efs	2f269030-d430-40a4-9c54-13a3f3608cbc.jpg	
	2	kac	efs	512602e5-dd93-4762-bfd3-2c3f096f5f4b.jpg	
	3	kac	efs	067260a2-ce60-4edb-b89a-9eheadba168b.jpg	
	4	asd	asd	d0058c0a-6cb2-4a86-90d8-e2c53837579d.jpg	
	5	rc	r	d884bda1-9506-4618-b8bc-fce013474b2a.jpg	
✱	NULL	NULL	NULL	NULL	

Link : <http://batman.southcentralus.cloudapp.azure.com/Default>

2. Azure BLOB storage:

Storage accounts

Default Directory (rubanrathinam02gmail.onmicrosoft.com)

+ Create

↶ Restore

⚙️ Manage view

↺ Refresh

↓ Export to CSV

🔗 Open query

🏷️ Assign tags

🗑️ Delete

Filter for any field...

Subscription equals all

Resource group equals all


Location equals all

+ Add filter

Showing 1 to 1 of 1 records.

No grouping

List view

<input type="checkbox"/> Name ↑↓	Type ↑↓	Kind ↑↓	Resource group ↑↓	Location ↑↓	Subscription ↑↓
<input type="checkbox"/>  rubanblob	Storage account	StorageV2	BLOB	Southeast Asia	Free Trial

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assessmentazureblob\_1708165988905 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress



Deployment name: assessmentazureblob\_1708165988905  
Subscription: [Free Trial](#)  
Resource group: [BLOB](#)

Start time: 2/17/2024, 4:03:12 PM

Correlation ID: 587c3aed-1415-4145-87d6-671f1b9b4a82



Deployment details

Resource	Type	Status	Operation details
No results.			

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## Creating a container:

Containers

+ Container Change access level Restore containers Refresh Delete Give feedback


Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state
\$logs	2/17/2024, 4:03:49 PM	Private	Available
assessmentazureblob	2/17/2024, 4:06:02 PM	Private	Available

Checking the dotnet console application is working properly on local machine:



 D:\serilization\ConsoleApp1\bin\Debug\net7.0\ConsoleApp1.exe

```
..**Employee Management System**..  
*Menu**  
.Add Employee  
.Display Employee
```

```
..**Employee Management System**..  
le**Menu**  
1. Add Employee  
6 2. Display Employee  
7 1  
8 Enter your Employee Id  
9 01  
0 Enter your first name.  
1 ruban  
1 Enter your last name.  
2 chinnarathinam  
3 Enter your job title.  
3 trainee  
4  
5  
6  
7
```

Code:

```

8 2 references
9 class BlobClients
0 {
1
2 2 references
3 public static void SyncBlob()
4 {
5
6     string connectionString = "DefaultEndpointsProtocol=https;AccountName=assessmentazureblob;AccountKey=aWN+36oBZLTCQ6TyrDgK81wM48syMmDEn92nqđ2B+2DprxjsZ9F/UGjEpfzyrw7ldBL8XYKF7pxF+ASpPhT0iw==;EndpointSuffix=core.windows.net";
7
8     Console.WriteLine(connectionString);
9
10    var blobServiceClient = new BlobServiceClient(connectionString);
11
12    string containerName = "blobassignment1" + Guid.NewGuid().ToString();
13
14    BlobContainerClient containerClient = blobServiceClient.CreateBlobContainer(containerName);
15
16    // Create a local file in the ./data/ directory for uploading and downloading
17
18    string localPath = "data";
19
20    Directory.CreateDirectory(localPath);
21
22    // Specify the path of the file you want to upload
23
24    string fileName = "workingfile.txt"; // Replace 'YourFileName.txt' with your actual file name
25
26    string localFilePath = Path.Combine(localPath, fileName);
27
28    // Get a reference to a blob
29
30    BlobClient blobClient = containerClient.GetBlobClient(fileName);
31
32    Console.WriteLine("Uploading to Blob storage as blob: {0} \n", blobClient.Uri);
33
34    // Upload data from the local file, overwrite the blob if it already exists
35
36    blobClient.Upload(localFilePath, true);
37
38    string downloadFilePath = localFilePath.Replace(".txt", "DOWNLOADED.txt");
39
40    Console.WriteLine("Downloading blob to {0} \n", downloadFilePath);

```

```
16      2 references
17      public class UserData
18      {
19
20      2 references
21      public int EmployeeId { get; set; }
22
23      2 references
24      public string FirstName { get; set; }
25
26      2 references
27      public string LastName { get; set; }
28
29      2 references
30      public string JobRole { get; set; }
31
32      }
33
34      0 references
35      class Assignment
36      {
37
38      0 references
39      static void Main(string[] args)
40      {
41
42      int options = 0;
43
44      while (true)
45      {
46
47      Console.WriteLine("**Employee Management System**");
48
49      Console.WriteLine("**Menu**");
50
51      Console.WriteLine("1.Add Employee");
52
53      Console.WriteLine("2.Display Employee");
54
55      options = Convert.ToInt16(Console.ReadLine());
56
57      if (options == 1)
```

Blob


 Save  Discard  Download  Refresh |  Delete

Overview Versions Snapshots Edit Generate SAS

```
1 {"EmployeeId":1,"FirstName":"ruban","LastName":"chinna","JobRole":"swe"}
2 {"EmployeeId":2,"FirstName":"muthu","LastName":"kumar","JobRole":"swe"}
3
```

Text



 Preview