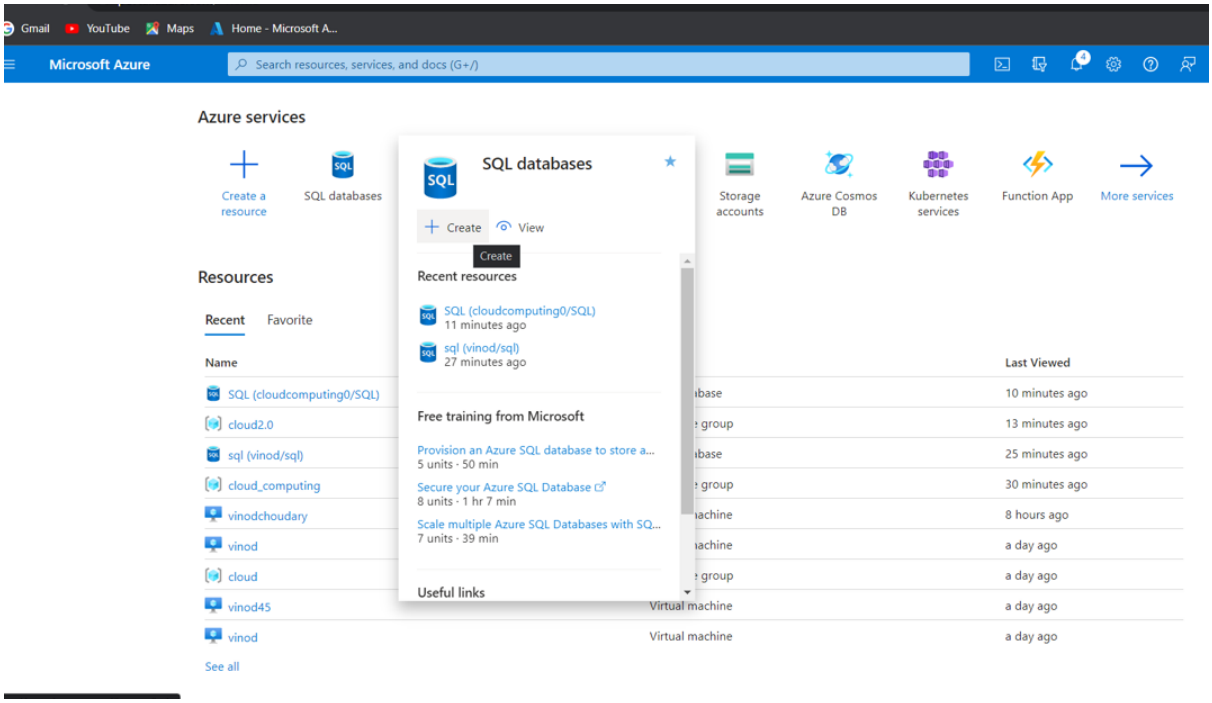
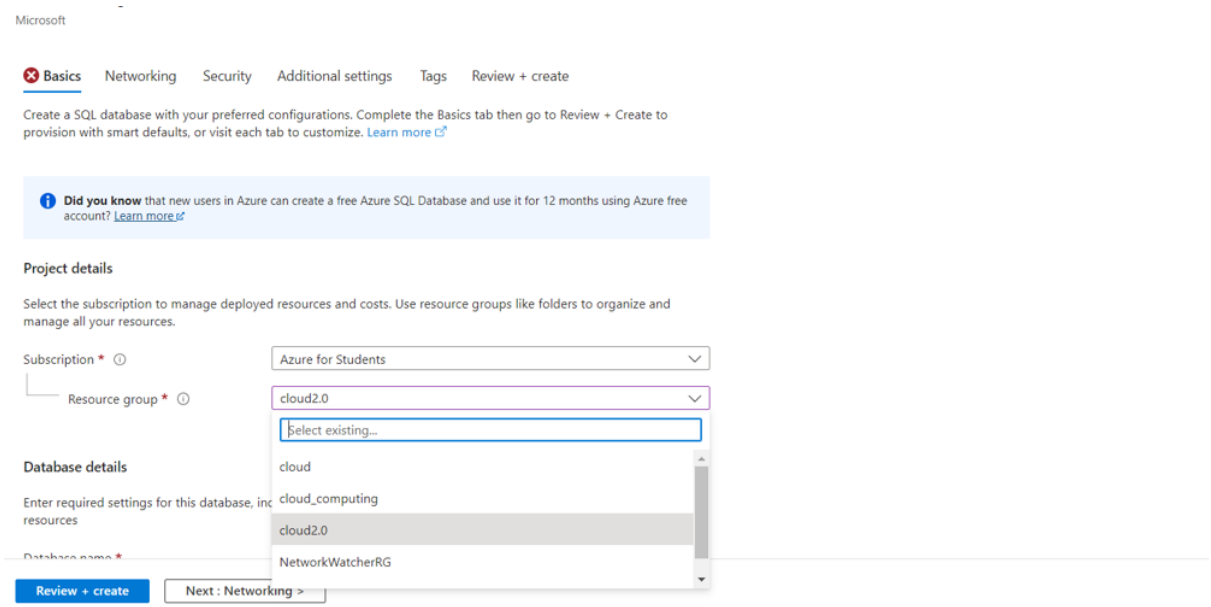
EXPERIMENT-20

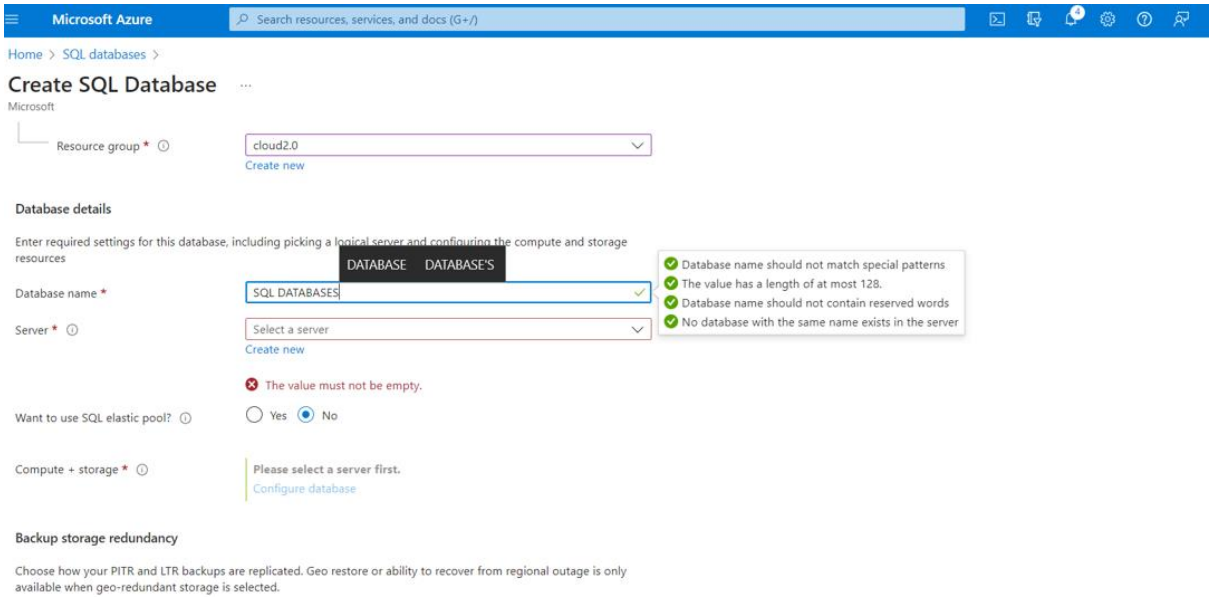
STEP-1



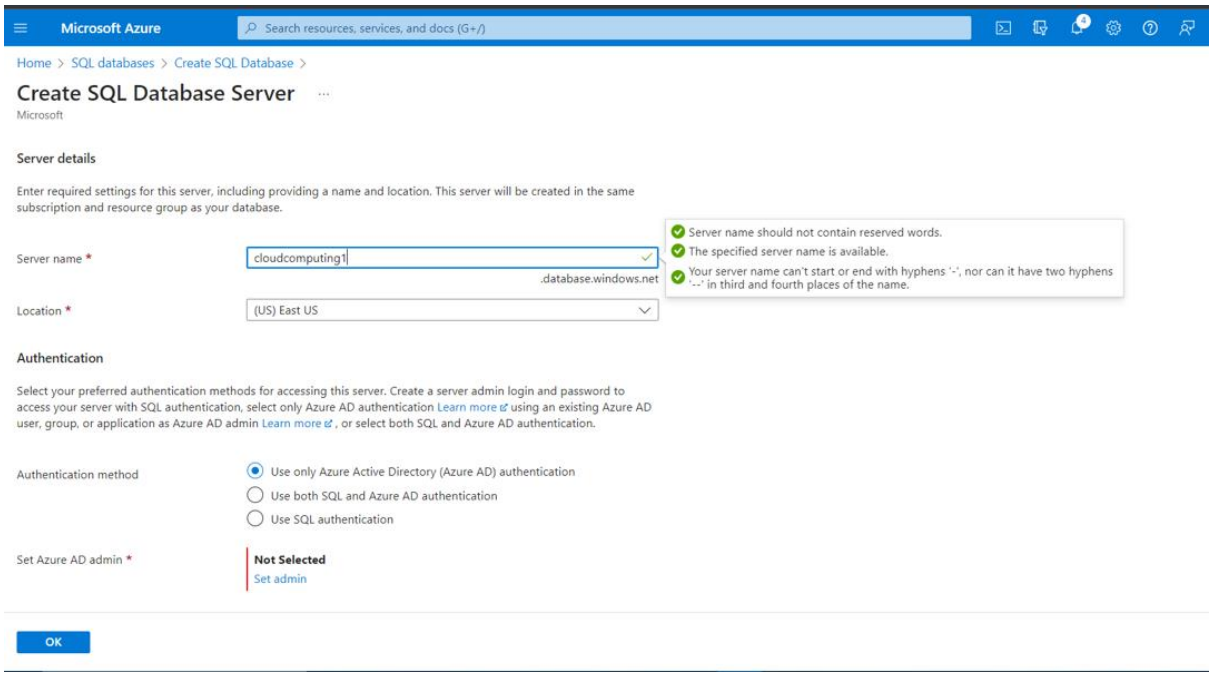
STEP-2



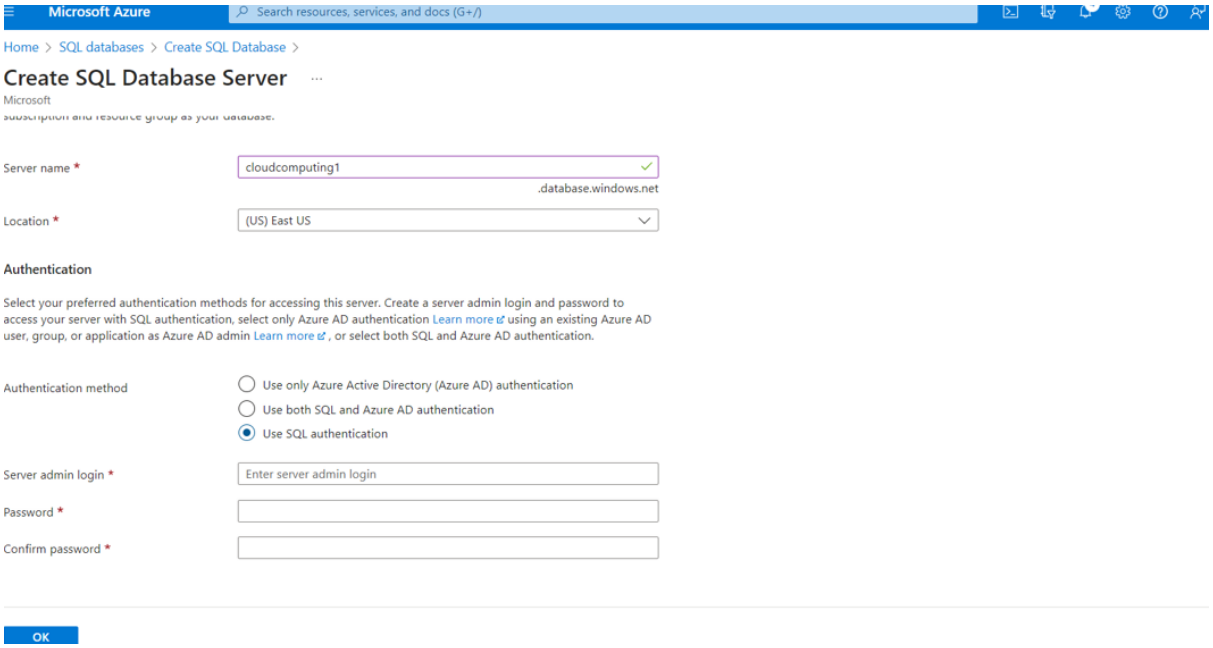
STEP-3


Microsoft Azure
Search resources, services, and docs (G+/)
Home > SQL databases >
Create SQL Database
Microsoft
Resource group *
cloud2.0
Create new
Database details
Enter required settings for this database, including picking a logical server and configuring the compute and storage resources
DATABASE
DATABASE'S
Database name *
SQL DATABASES
Server *
Select a server
Create new
The value must not be empty.
Want to use SQL elastic pool?
Yes
No
Compute + storage *
Please select a server first.
Configure database
Backup storage redundancy
Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.
Database name should not match special patterns
The value has a length of at most 128.
Database name should not contain reserved words
No database with the same name exists in the server

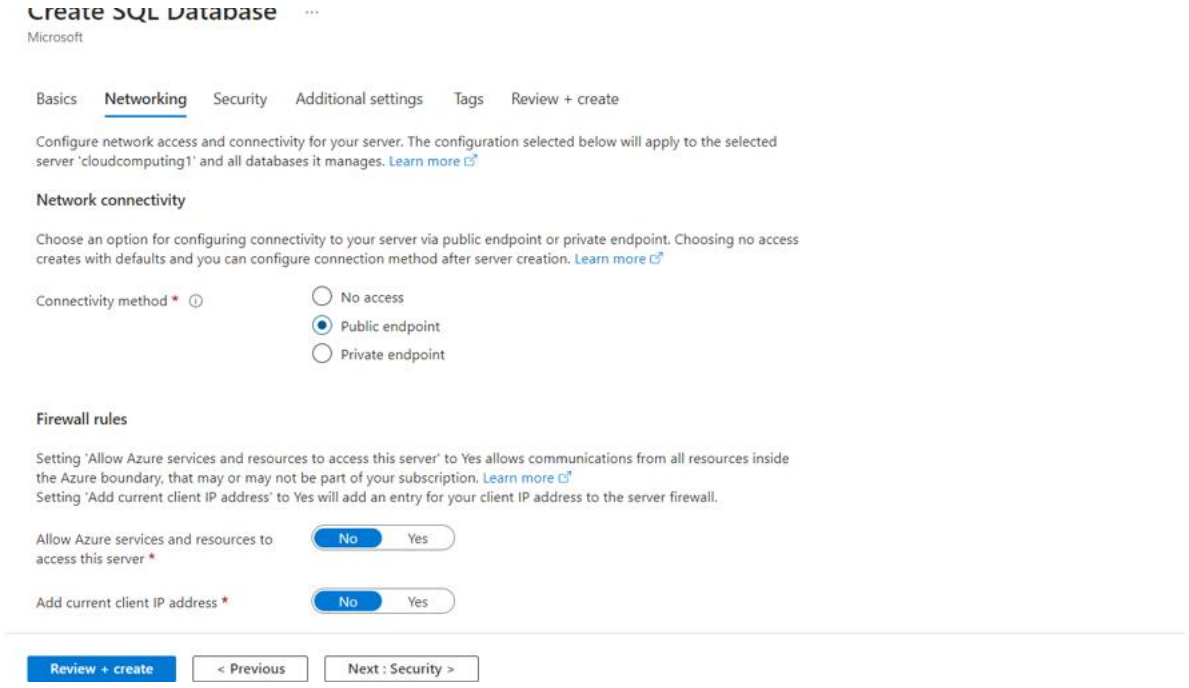
STEP-4


Microsoft Azure
Search resources, services, and docs (G+/)
Home > SQL databases > Create SQL Database >
Create SQL Database Server
Microsoft
Server details
Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.
Server name *
cloudcomputing1
.database.windows.net
Location *
(US) East US
Authentication
Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication Learn more using an existing Azure AD user, group, or application as Azure AD admin Learn more, or select both SQL and Azure AD authentication.
Authentication method
Use only Azure Active Directory (Azure AD) authentication
Use both SQL and Azure AD authentication
Use SQL authentication
Set Azure AD admin *
Not Selected
Set admin
OK
Server name should not contain reserved words.
The specified server name is available.
Your server name can't start or end with hyphens '-', nor can it have two hyphens '--' in third and fourth places of the name.

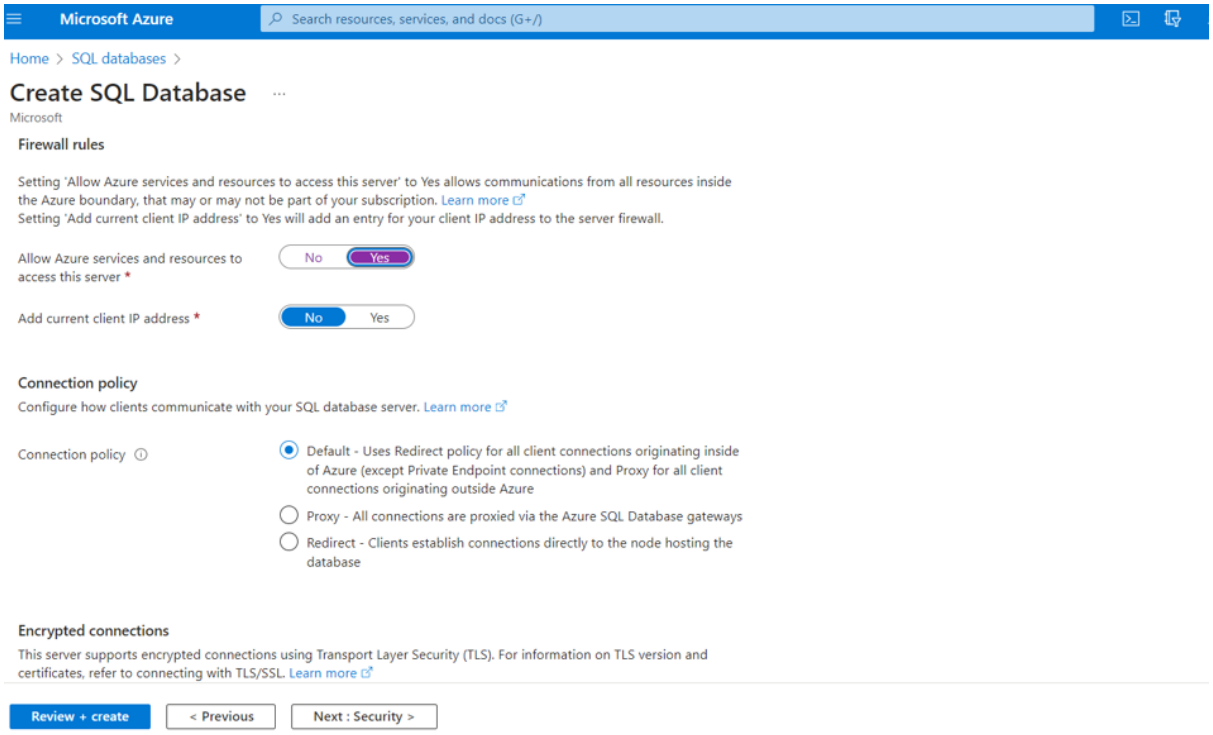
STEP-5


Microsoft Azure
Search resources, services, and docs (G+/)
Home > SQL databases > Create SQL Database >
Create SQL Database Server
Microsoft
Server name *
cloudcomputing1
.database.windows.net
Location *
(US) East US
Authentication
Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication Learn more using an existing Azure AD user, group, or application as Azure AD admin Learn more, or select both SQL and Azure AD authentication.
Authentication method
Use only Azure Active Directory (Azure AD) authentication
Use both SQL and Azure AD authentication
Use SQL authentication
Server admin login *
Enter server admin login
Password *
Confirm password *
OK

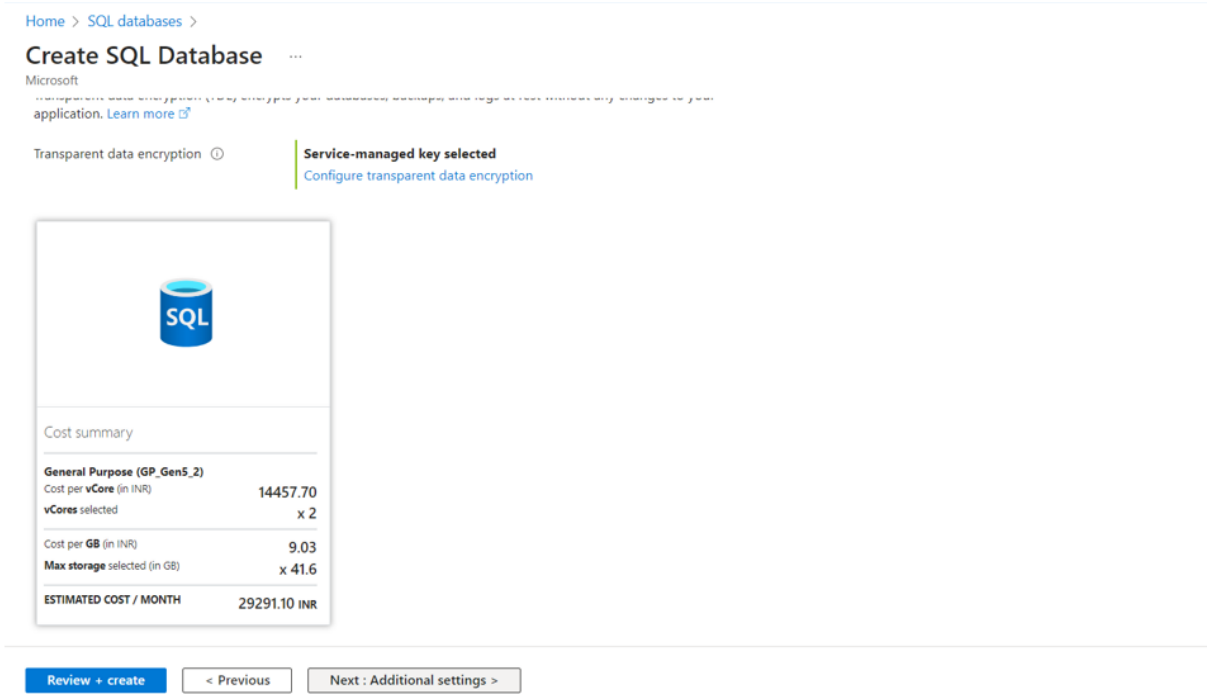
STEP-6


Create SQL Database
Microsoft
Basics
Networking
Security
Additional settings
Tags
Review + create
Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'cloudcomputing1' and all databases it manages. Learn more
Network connectivity
Choose an option for configuring connectivity to your server via public endpoint or private endpoint. Choosing no access creates with defaults and you can configure connection method after server creation. Learn more
Connectivity method *
No access
Public endpoint
Private endpoint
Firewall rules
Setting 'Allow Azure services and resources to access this server' to Yes allows communications from all resources inside the Azure boundary, that may or may not be part of your subscription. Learn more
Setting 'Add current client IP address' to Yes will add an entry for your client IP address to the server firewall.
Allow Azure services and resources to access this server *
No
Yes
Add current client IP address *
No
Yes
Review + create
< Previous
Next : Security >

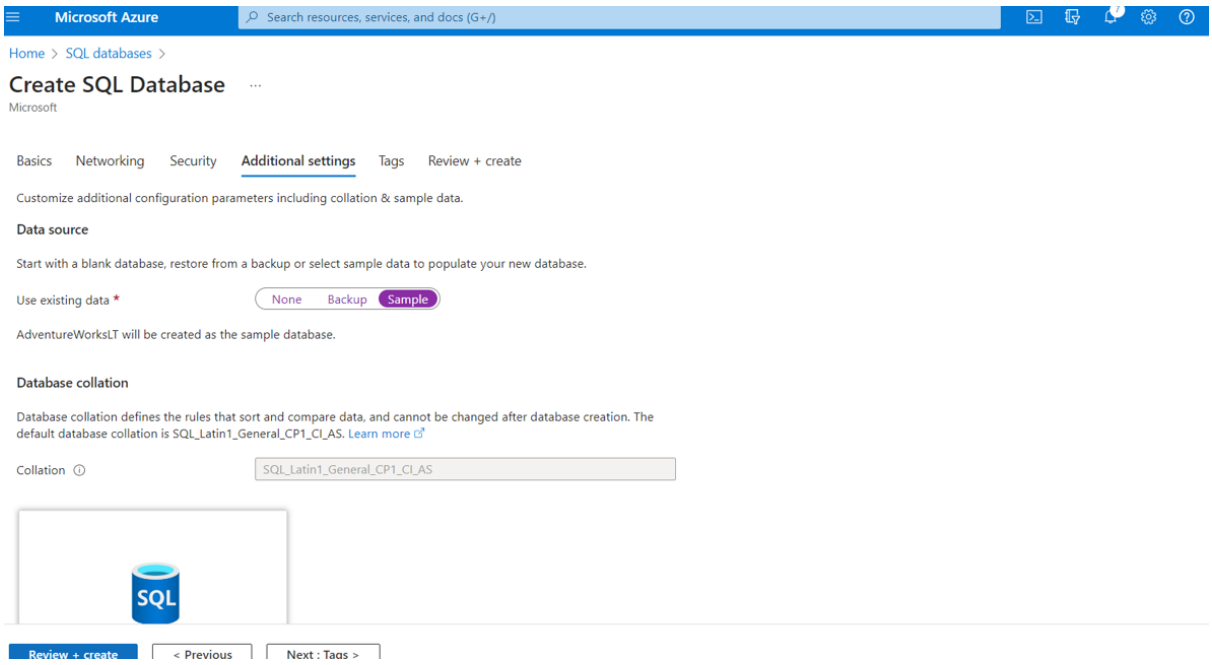
STEP-7


Microsoft Azure
Search resources, services, and docs (G+/)
Home > SQL databases >
Create SQL Database
Microsoft
Firewall rules
Setting 'Allow Azure services and resources to access this server' to Yes allows communications from all resources inside the Azure boundary, that may or may not be part of your subscription. Learn more
Setting 'Add current client IP address' to Yes will add an entry for your client IP address to the server firewall.
Allow Azure services and resources to access this server *
No
Yes
Add current client IP address *
No
Yes
Connection policy
Configure how clients communicate with your SQL database server. Learn more
Connection policy
Default - Uses Redirect policy for all client connections originating inside of Azure (except Private Endpoint connections) and Proxy for all client connections originating outside Azure
Proxy - All connections are proxied via the Azure SQL Database gateways
Redirect - Clients establish connections directly to the node hosting the database
Encrypted connections
This server supports encrypted connections using Transport Layer Security (TLS). For information on TLS version and certificates, refer to connecting with TLS/SSL. Learn more
Review + create
< Previous
Next : Security >

STEP-8



STEP-9



STEP-10

Home > SQL databases >

Create SQL Database ...

Microsoft

the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see Azure Marketplace Terms.

Basics

Subscription	Azure for Students
Resource group	cloud2.0
Region	East US
Database name	SQL DATABASE
Server	(new) cloudcomputing1
Authentication method	SQL authentication
Server admin login	vinod2023
Compute + storage	General Purpose: Standard-series (Gen5), 2 vCores, 32 GB storage, zone redundant disabled
Backup storage redundancy	Geo-redundant backup storage

Networking

Allow Azure services and resources to access this server	Yes
Add current client IP address 157.51.67.35	No
Private endpoint	None
Minimum TLS version	1.2

Create | < Previous | Download a template for automation

STEP-11

Home >

Microsoft.SQLDatabase.newDatabaseNewServer_7b1ac88b48dd4c2c8e48a | Overview

Deployment

Search

Overview
Inputs
Outputs
Template

Delete | Cancel | Redeploy | Download | Refresh

Your deployment is complete

Deployment name: Microsoft.SQLDatabase.newDatabaseNewServe...
Subscription: Azure for Students
Resource group: cloud2.0

Start time: 5/11/2023, 5:00:10 PM
Correlation ID: b3c63304-27da-4a25-9328-723f07c33418

Deployment details

Resource	Type	Status	Operation details
cloudcomputing1/Default	Microsoft.Sql/servers/advancedT...	Created	Operation details
cloudcomputing1/AllowAllWindow	Microsoft.Sql/servers/firewallrules	OK	Operation details
cloudcomputing1/SQL DATABASE	Microsoft.Sql/servers/databases	Created	Operation details
cloudcomputing1/Default	Microsoft.Sql/servers/sqlVulnera...	Created	Operation details
cloudcomputing1/Default	Microsoft.Sql/servers/connection...	OK	Operation details
cloudcomputing1	Microsoft.Sql/servers	OK	Operation details
cloudcomputing1	Microsoft.Sql/servers	Created	Operation details

Next steps

Go to resource

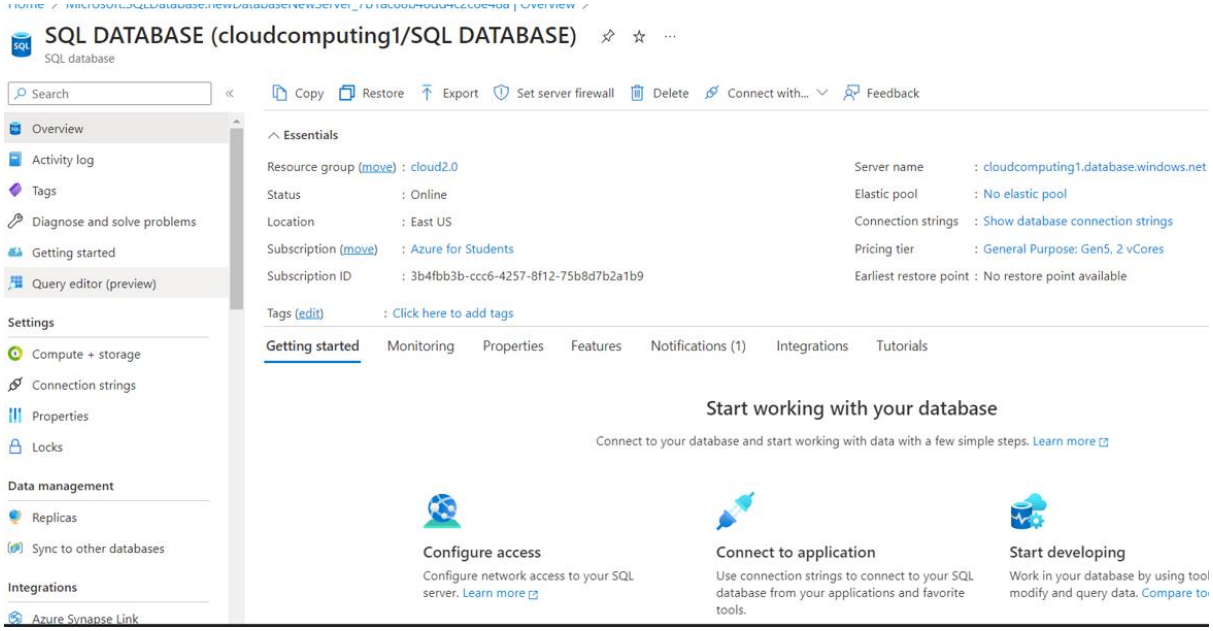
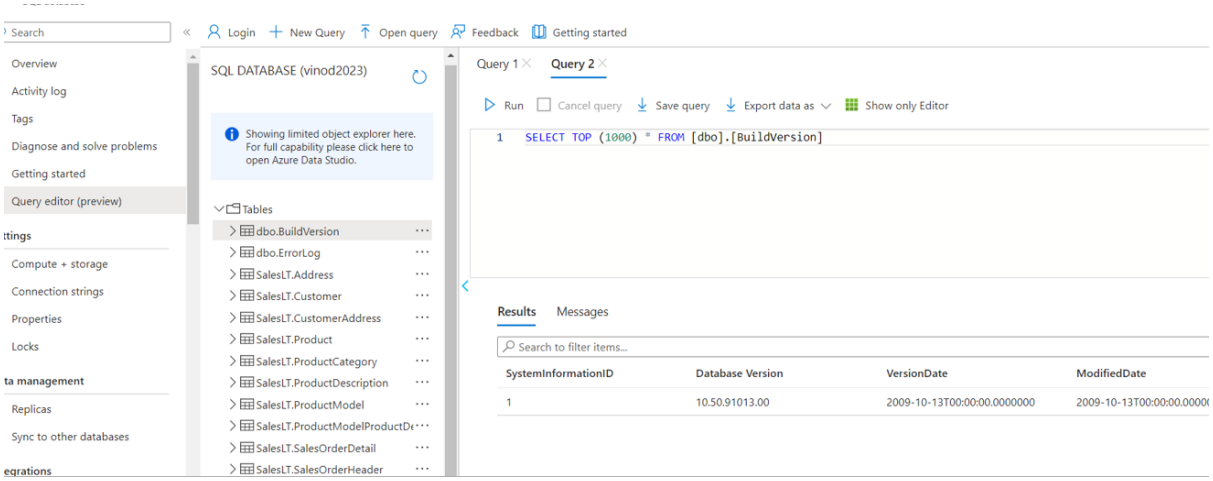
Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today >

Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >

STEP-12



STEP-13 AFTER LOGIN WITH YOUR USERNAME AND PASSWORD