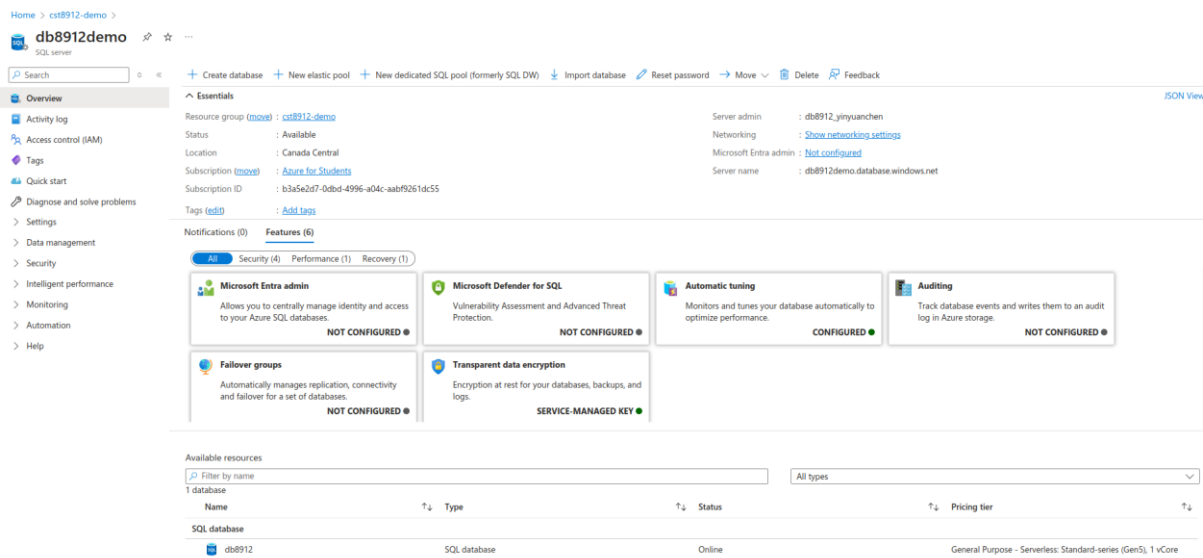


Step1



Step2

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 *

db8912demo

✓


.database.windows.net

Location *

(Canada) Canada Central

▼

Authentication

 Azure Active Directory (Azure AD) is now Microsoft Entra ID. [Learn more](#)

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 Microsoft Entra authentication [Learn more](#) using an existing Microsoft Entra user, group, or application as Microsoft Entra admin [Learn more](#) , or select both SQL and Microsoft Entra authentication.

Authentication method

☐ Use Microsoft Entra-only authentication

☐ Use both SQL and Microsoft Entra authentication

☒ Use SQL authentication

Server admin login *

db8912_yinyuanchen

✓

Password *

✓

Confirm password *

✓

Create SQL Database ...

Microsoft

Resource group * ⓘ cst8912-demo 
[Create new](#)

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name * db8912 
Server * ⓘ (new) db8912demo (Canada Central) 
[Create new](#)

Want to use SQL elastic pool? ⓘ ☐ Yes ☒ No

Workload environment ☒ Development ☐ Production

 Default settings provided for Development workloads. Configurations can be modified as needed.

Compute + storage * ⓘ **General Purpose - Serverless**
Standard-series (Gen5), 1 vCore, 32 GB storage, zone redundant disabled
[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.


Backup storage redundancy ⓘ ☒ Locally-redundant backup storage

Step3


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 'db8912demo-1' 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

Connection policy

Step4

Create SQL Database

Microsoft

Basics Networking **Security** Additional settings Tags Review + create

Microsoft Defender for SQL

Protect your data using Microsoft Defender for SQL, a unified security package including vulnerability assessment and advanced threat protection for your server. [Learn more](#)

Get started with a 30 day free trial period, and then 15 USD/server/month.

Enable Microsoft Defender for SQL * ⓘ ☐ Start free trial ☒ Not now

Ledger

Ledger cryptographically verifies the integrity of your data and detects any tampering that might have occurred. [Learn more](#)

Ledger **Not configured**

Cost summ

General Purp
Cost per GB (in
Max storage s

ESTIMATED \$
COMPUTE CO:

Step5

Create SQL Database

Microsoft

Basics Networking Security **Additional settings** Tags Review + create

Customize additional configuration parameters including collation & sample data.

Data source

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data *

AdventureWorksLT will be created as the sample database.

Database collation

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL_Latin1_General_CP1_CI_AS. [Learn more](#)

Collation ⓘ

Step6

Home > Microsoft SQL Database newDatabaseNewServer_b2e62193b65a442a9c9e9 | Overview >

db8912 (db8912demo-1/db8912) ☆ ⋮

SQL database

Search

Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Mirror database in Fabric (preview)

Settings

Data management

Integrations

Power Platform

Security

Intelligent performance

Monitoring

Automation

Mirror databases in Microsoft Fabric

Essentials

Resource group (move) : cst8912-demo

Status : Online

Location : Canada Central

Subscription (move) : Azure for Students

Subscription ID : b3a5e2d7-0dbd-4996-a04c-aabf9261dc55

Tags (edit) : Add tags

Server name : db8912demo-1.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 : No restore point available

Getting started Monitoring Properties Features Notifications (0) Integrations Tutorials

Start working with your database

Connect to your database and start working with data with a few simple steps. [Learn more](#)

Step7

Home > Microsoft SQL Database newDatabaseNewServer_b2e62193b65a442a9c9e9 | Overview > db8912 (db8912demo-1/db8912)

db8912 (db8912demo-1/db8912) ☆ ⋮

SQL database

Search

Login + New Query Open query Feedback Getting started

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Mirror database in Fabric (preview)

Settings

Data management

Integrations

Power Platform

Security

Intelligent performance

Monitoring

Automation

Help

db8912 (db8912-yinyuanchen)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables Views Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor Open Copilot

Results Messages

Search to filter items...

Step8

<< Login + New Query ↑ Open query >>

db8912 (db8912_yinyuanchen) ↻

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

> dbo.BuildVersion ...

> dbo.ErrorLog ...

> SalesLT.Address ...

> SalesLT.Customer ...

> SalesLT.CustomerAddress ...

> SalesLT.Product ...

> SalesLT.ProductCategory ...

> SalesLT.ProductDescription ...

> SalesLT.ProductModel ...

> SalesLT.ProductModelProductDesc ...

> SalesLT.SalesOrderDetail ...

> SalesLT.SalesOrderHeader ...

Views

Stored Procedures

Step9

mo-1/db8912 | Query editor (preview) ☆ ...

Login + New Query ↑ Open query Feedback Getting started

db8912 (db8912_yinyuanchen) ↻

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

Views

Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor Open Copilot

```
2 FROM SalesLT.Product;
3
4
5
6
7 SELECT p.ProductID, p.Name AS ProductName,
8       | c.Name AS Category, p.ListPrice
9
10 FROM SalesLT.Product AS p
11
12 JOIN [SalesLT].[ProductCategory] AS c
13   ON p.ProductCategoryID = c.ProductCategoryID;
```

Results Messages

Search to filter items...

ProductID	ProductName	Category	ListPrice
771	Mountain-100 Silver, 38	Mountain Bikes	3399.9900
772	Mountain-100 Silver, 42	Mountain Bikes	3399.9900
773	Mountain-100 Silver, 44	Mountain Bikes	3399.9900
774	Mountain-100 Silver, 48	Mountain Bikes	3399.9900
775	Mountain-100 Black, 38	Mountain Bikes	3374.9900
776	Mountain-100 Black, 42	Mountain Bikes	3374.9900
777	Mountain-100 Black, 44	Mountain Bikes	3374.9900
778	Mountain-100 Black, 48	Mountain Bikes	3374.9900

Query succeeded | 0s

Step10

Home > demo8912yinyuanchen_1728348355153 | Overview >

demo8912yinyuanchen

Storage account

Search

UploadOpen in ExplorerDeleteMoveRefreshOpen in mobileCU / PSFeedback

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Data management

Settings

Monitoring

Monitoring (classic)

Automation

Essentials

Resource group (move) : cat8912-demo

Location : canadacentral

Subscription (move) : Azure for Students

Subscription ID : b3a5e2d7-0dbd-4996-a04c-aabf9261dc55

Disk state : Available

Tags (edit) : Add tags

Performance : Standard

Replication : Locally-redundant storage (LRS)

Account kind : StorageV2 (general purpose v2)

Provisioning state : Succeeded

Created : 2024/10/7 20:46:01

PropertiesMonitoringCapabilities (7)Recommendations (0)TutorialsTools + SDKs

Blob service

Hierarchical namespace : Disabled

Default access tier : Hot

Blob anonymous access : Disabled

Blob soft delete : Enabled (7 days)

Container soft delete : Enabled (7 days)

Versioning : Disabled

Change feed : Disabled

NFS v3 : Disabled

Allow cross-tenant replication : Disabled

Storage tasks assignments : None

File service : Enabled

Security

Require secure transfer for REST API operations : Enabled

Storage account key access : Enabled

Minimum TLS version : Version 1.2

Infrastructure encryption : Disabled

Networking

Allow access from : All networks

Private endpoint connections : 0

Network routing : Microsoft network routing

Access for trusted Microsoft services : Yes

Endpoint type : Standard

Step11

demo8912yinyuanchen | Containers

Storage account

Search

+ ContainerChange access levelRestore containersRefreshDeleteGive feedback

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state
<input type="checkbox"/> \$logs	10/7/2024, 8:46:24 PM	Private	Available
<input type="checkbox"/> productdata8912	10/7/2024, 8:53:33 PM	Private	Available

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Successfully created productdata8912

Step12

Home > Data factories >

Create Data Factory ...

Basics Git configuration Networking Advanced Tags Review + create

 [View automation template](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offer with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact 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. See the [Azure Marketplace Terms](#) for additional details.

Basics

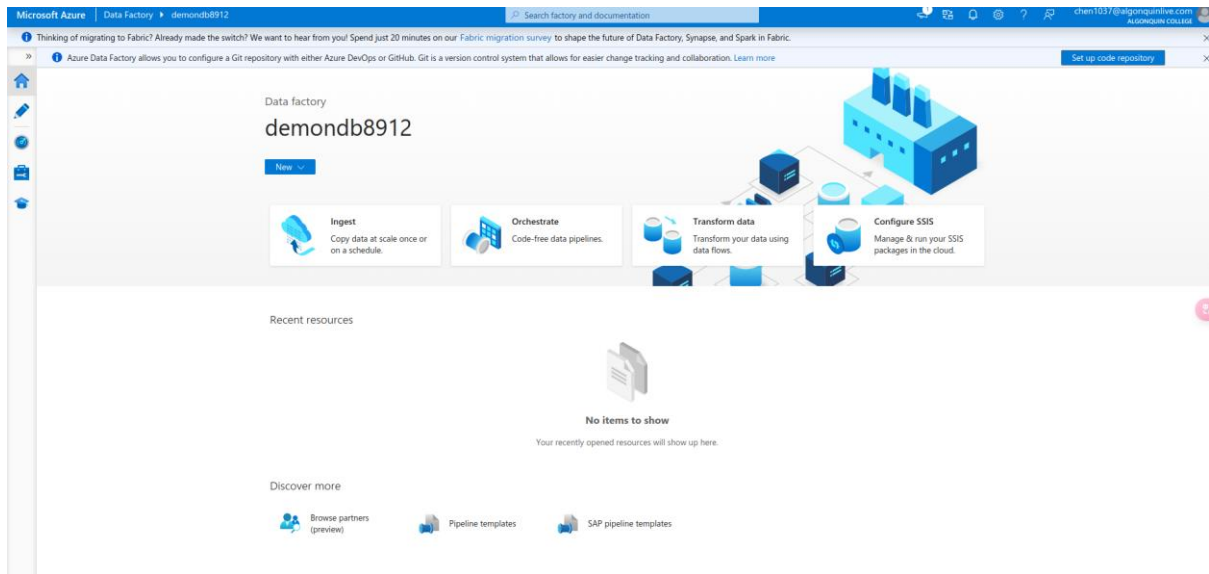
Subscription	Azure for Students
Resource group	cst8912-demo
Name	demondb8912
Region	Canada Central
Version	V2

Networking

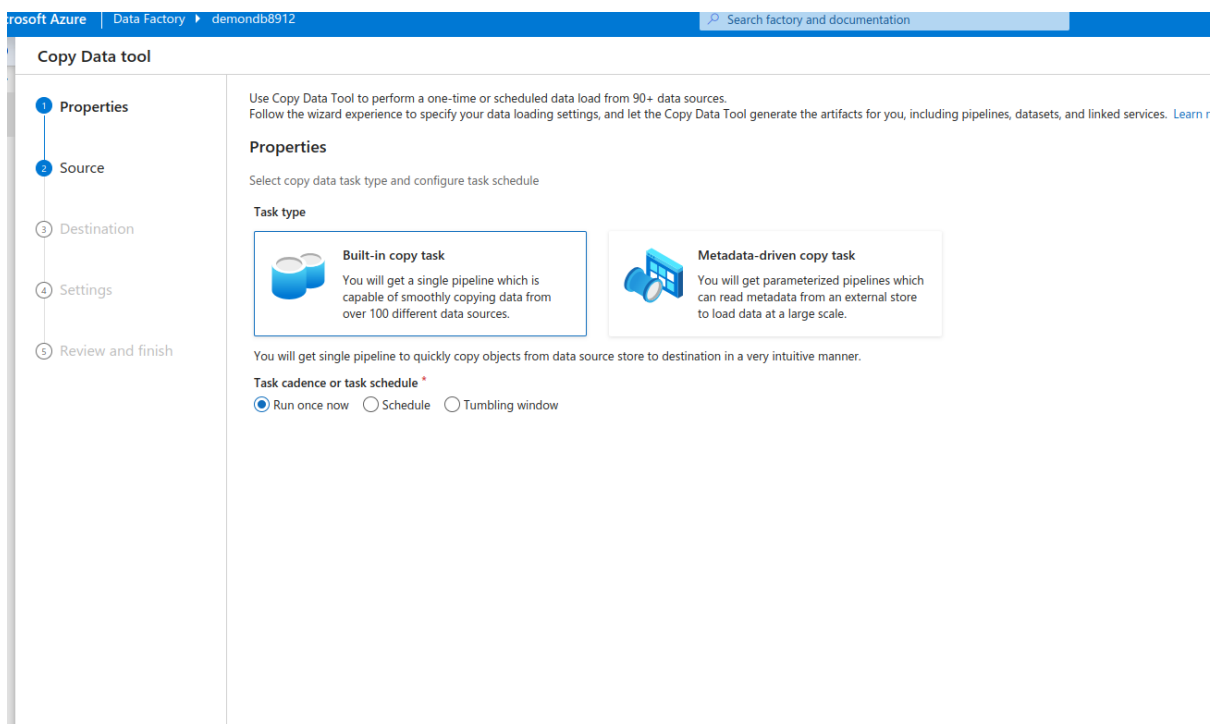
Connect via	Public endpoint
-------------	-----------------

[Previous](#) [Next](#) [Create](#)

Step13



Step14



Step15

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type

Azure SQL Database

Connection *

Select...

+ New connection

New connection

Azure SQL Database [Learn more](#)

Server name *

db8912demo-1

Database name *

db8912

Authentication type *

SQL authentication

User name *

db8912_yinyuanchen

Password *

Always encrypted

Encrypt

Mandatory

Trust server certificate

[Add dynamic content \(Alt+Shift+D\)](#)

Host name in certificate

Additional connection properties

+ New

Annotations

+ New

Parameters

> Advanced

Step16

Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type

Azure SQL Database

Connection *

AzureSqlDatabase1

Edit

+ New connection

Source

Tables

Query

SalesLT

Show views

Refresh

Showing 10 out of 12 tables, 0 out of 3 views (1 selected)

Select all

SalesLT.Address

SalesLT.Customer

SalesLT.CustomerAddress

SalesLT.Product

Get metadata

SalesLT.ProductCategory

SalesLT.ProductDescription

SalesLT.ProductModel

SalesLT.ProductModelProductDescription

SalesLT.SalesOrderDetail

SalesLT.SalesOrderHeader

Previous

Next

Step17

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new data store.

Destination type

Azure Blob Storage

Connection *

Select...

+ New connection

NEW CONNECTION

Azure Blob Storage Learn more

Name *

AzureBlobStorage1

Description

Connect via integration runtime *

AutoResolveIntegrationRuntime

Authentication type

Account key

Connection string

Azure Key Vault

Account selection method

From Azure subscription

Enter manually

Azure subscription

Azure for Students (b3a5e2d7-0dbd-4996-a04c-aabf9261dc55)

Storage account name *

demo8912yinyuanchen

Additional connection properties

+ New

Test connection

To linked service

To file path

Annotations

+ New

Parameters

Step18

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new data store.

Destination type

Azure Blob Storage

Connection *

AzureBlobStorage1

Edit

+ New connection

Folder path *

If the identity you use to access the data store only has permission to subdirectory instead of the entire account, specify the path to browse.

productdata8912/

Browse

File name

product

Max concurrent connections

Block size (MB)

Metadata

+ New

Step19

Copy Data tool

- ✓ Properties
- ✓ Source
- 3 Destination
- Dataset
- Configuration
- 4 Settings
- 5 Review and finish

File format settings

File format

DelimitedText

Column delimiter

Comma (,)

☐ Edit

Row delimiter

Default (\r\n, or \r\n)

☐ Edit

☒ Add header to file ⓘ

> Advanced

Compression type

Select...

Max rows per file

File name prefix

< Previous

Next >

Step20

productdata8912

Container

Search

Upload

Change access level

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: productdata8912

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name

product

product

Blob

Save

Discard

Download

Refresh

Delete

Change tier

Acquire lease

Break lease

Give feedback

Overview

Versions

Snapshots

Edit

Generate SAS

Properties

URL

LAST MODIFIED

CREATION TIME

VERSION ID

TYPE

SIZE

ACCESS TIER

ACCESS TIER LAST MODIFIED

ARCHIVE STATUS

REHYDRATE PRIORITY

SERVER ENCRYPTED

ETAG

VERSION-LEVEL IMMUTABILITY POLICY

CACHE-CONTROL

CONTENT-TYPE

CONTENT-MD5

CONTENT-ENCODING

CONTENT-LANGUAGE

CONTENT-DISPOSITION

LEASE STATUS

LEASE STATE

LEASE DURATION

COPY STATUS

COPY COMPLETION TIME

https://demo8912jinyuan...

10/7/2024, 9:17:27 PM

10/7/2024, 9:17:27 PM

-

Block blob

1.3 MiB

Hot (inferred)

N/A

-

-

true

0x0DCE736F911A6F2

Disabled

application/octet-stream

Unlocked

Available

-

-

-

[illegible]