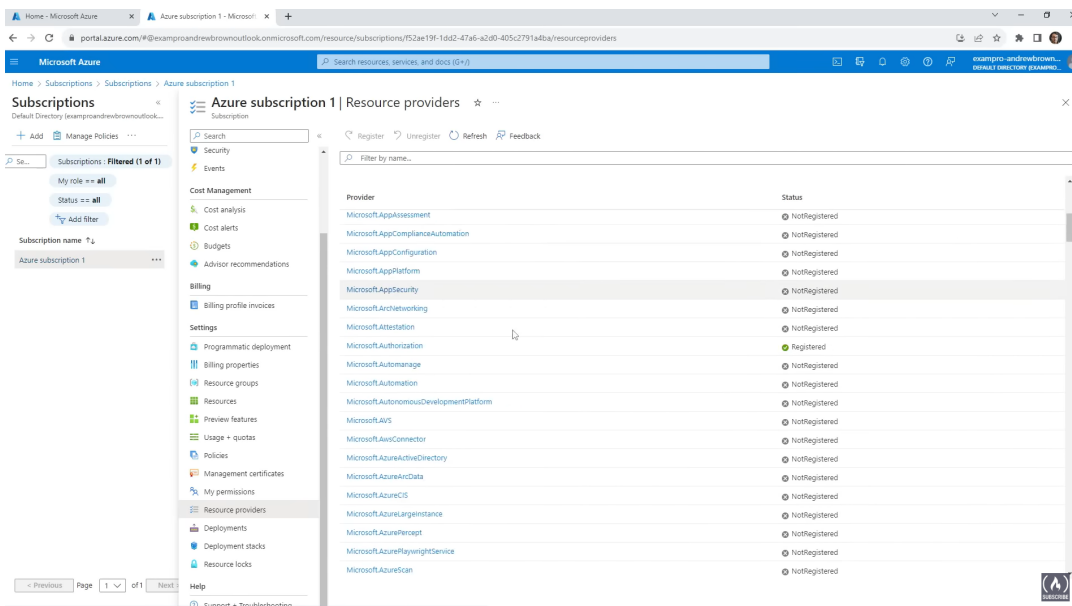


## 4. Following Along

“Most of the notes here are in supplement/ outlining simple points from the practical where the instructor works with Azure. I did not have a valid Credit Card to Sign up with, so I did not follow along, hence, the notes.

“For reference, refer to the video around the 1hr 25 min mark.

Homepage > Search > Subscriptions > Azure Subscription 1 > Settings > Resource Providers



// The type of

subscription the user has, might dictate the services accessible. (status tells that)

**Resource Types** tell us about the functionality of the services.

**Ex:** Registering with / Activating a service (CosmosDB)

Microsoft Azure Search resources, services, and docs (G+)

Home > Azure Cosmos DB >

## Create Azure Cosmos DB Account - Azure Cosmos DB for NoSQL

Basics Global Distribution Networking Backup Policy Encryption Tags Review + create

Azure Cosmos DB is a fully managed NoSQL and relational database service for building scalable, high performance applications. Try it for free, for 30 days with unlimited renewals. Go to production starting at \$24/month per database, multiple containers included. [Learn more](#)

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

Subscription \* Azure subscription 1  
Resource Group \* (New) my-db  
[Create new](#)

**Instance Details**  
Account Name \* Enter account name  
Location \* (US) West US  
Capacity mode ☒ Provisioned throughput ☐ Serverless  
[Learn more about capacity mode](#)

With Azure Cosmos DB free tier, you will get the first 1000 RU/s and 25 GB of storage for free in an account. You can enable free tier on up to one account per subscription. Estimated \$64/month discount per account.

Apply Free Tier Discount ☒ Apply ☐ Do Not Apply

Limit total account throughput ☒ Limit the total amount of throughput that can be provisioned on this account  
☒ This limit will prevent unexpected charges related to provisioned throughput. You can update or remove this limit after your account is created.

[Review + create](#) [Previous](#) [Next: Global Distribution](#)

Microsoft Azure Search resources, services, and docs (G+)

Home > Azure Cosmos DB >

## Create Azure Cosmos DB Account - Azure Cosmos DB for NoSQL

Basics Global Distribution Networking Backup Policy Encryption Tags Review + create

**Validation Success**

**Creation Time**  
Estimated Account Creation Time (in minutes) 2  
☒ The estimated creation time is calculated based on the location you have selected

**Basics**  
Subscription Azure subscription 1  
Resource Group (New) my-db  
Location West US  
Account Name (New) my-new-db-123321332523  
API Azure Cosmos DB for NoSQL  
Capacity mode Provisioned throughput  
Geo-Redundancy Disable  
Multi-region Writes Disable

**Backup Policy**  
Backup policy Periodic  
Backup storage redundancy None

**Networking**  
Connectivity method All networks  
Minimum TLS Protocol TLS 1.2

[Create](#) [Previous](#) [Next](#) [Download a template for automation](#)

Every time we launch a resource in Azure, we launch it within a Resource Group.

Notifications

More events in the activity log → [Dismiss all](#)

☒ **Deployment succeeded**

Deployment 'Microsoft.Azure.CosmosDB-20231116160341' to resource group 'my-db' was successful.

[Go to resource](#) [Go to resource group](#)

a few seconds ago

**We can create users for an Azure Tenant (Azure Active Directory)**

Microsoft Azure Search resources, services, and docs (G+/J)

Home > Starfleet > Groups >

## New Group

Group type \* ⓘ  
Security

Group name \* ⓘ  
Developers

Group description ⓘ  
Enter a description for the group

Azure AD roles can be assigned to the group (Preview) ⓘ  
☐ Yes ☒ No

Membership type \* ⓘ  
Assigned

Owners  
No owners selected

Members  
No members selected

Microsoft Azure Search resources, services, and docs (G+/J) andrew@example.com STARFLEET

Home > Starfleet > Users >

## New user

Starfleet

Got feedback?

Create a new user in your organization. This user will have a user name like `alice@starfleet1984.onmicrosoft.com`. I want to create users in bulk

Invite a new guest user to collaborate with your organization. The user will be emailed an invitation they can accept in order to begin collaborating. I want to invite guest users in bulk

Help me decide

Identity

User name \* ⓘ  
kevin @ starfleet1984.onmicrosoft.com The domain name I need isn't shown here

Name \* ⓘ  
Kevin

First name

Last name

Password

☒ Auto-generate password  
☐ Let me create the password

Create

Microsoft Azure Search resources, services, and docs (G+/J) andrew@example.com STARFLEET

Home > Starfleet > Users >

## New user

Starfleet

Got feedback?

Last name  
Uxbridge

Password

☒ Auto-generate password  
☐ Let me create the password

Initial password  
\*\*\*\*\*

☐ Show Password

Groups and roles

Groups  
1 groups selected

Roles  
User

Settings

Block sign in  
☐ Yes ☒ No

Usage location

Create

### Directory roles

Choose admin roles that you want to assign to this user. [Learn more](#)

Search by name or description Add filters

Role	Description
<input checked="" type="checkbox"/> Application administrator	Can create and manage all aspects of app registrations and enterprise apps.
<input checked="" type="checkbox"/> Application developer	Can create application registrations independent of the 'Users can register appli...
<input type="checkbox"/> Attack payload author	Can create attack payloads that an administrator can initiate later.
<input type="checkbox"/> Attack simulation administrator	Can create and manage all aspects of attack simulation campaigns.
<input type="checkbox"/> Authentication administrator	Has access to view, set, and reset authentication method information for any no...
<input type="checkbox"/> Azure DevOps administrator	Can manage Azure DevOps organization policy and settings.
<input type="checkbox"/> Azure Information Protection administrator	Can manage all aspects of the Azure Information Protection product.
<input type="checkbox"/> B2C IEF Keyset administrator	Can manage secrets for federation and encryption in the Identity Experience Fra...
<input type="checkbox"/> B2C IEF Policy administrator	Can create and manage trust framework policies in the Identity Experience Fra...
<input type="checkbox"/> Billing administrator	Can perform common billing related tasks like updating payment information.
<input type="checkbox"/> Cloud application administrator	Can create and manage all aspects of app registrations and enterprise apps exc...
<input type="checkbox"/> Cloud device administrator	Full access to manage devices in Azure AD.
<input type="checkbox"/> Compliance administrator	Can read and manage compliance configuration and reports in Azure AD and O...
<input type="checkbox"/> Compliance data administrator	Can create and manage compliance content.
<input type="checkbox"/> Conditional Access administrator	Can manage conditional access capabilities.
<input type="checkbox"/> Customer LockBox access approver	Can approve Microsoft support requests to access customer organizational data.

Select

// Users can be deleted and Recovered in 30 days.

Home > Starfleet >

## Users | All users (Preview)

Starfleet - Azure Active Directory

+ New user + New guest user Bulk operations Refresh Reset password Multi-Factor Authentication Delete user Columns Preview info

This page includes previews available for your evaluation. View previews →

Search users Add filters

3 users found

	Name	User principal name	User type	Directory synced	Identity issuer	Company name	Creation type
<input type="checkbox"/>	andrew@examp...	andrew_examp...	Member	No	starfleet1984.onmicrosoft.co		
<input type="checkbox"/>	Kevin Uxbridge	kevin@starfleet1984.onmi...	Member	No	starfleet1984.onmicrosoft.co		
<input type="checkbox"/>	Rishon Uxbridge	rishon@starfleet1984.onm...	Member	No	starfleet1984.onmicrosoft.co		

Activity

- Sign-ins
- Audit logs
- Bulk operation results

Troubleshooting + Support

- New support request

## Enabling Multi Factor Authentication (MFA)

Home > Starfleet >

## Users | All users (Preview)

Starfleet - Azure Active Directory

+ New user + New guest user Bulk operations Refresh Reset password Multi-Factor Authentication Delete user Columns

This page includes previews available for your evaluation. View previews →

Search users Add filters

6 users found

	Name	User principal name	User type	Directory synced	Identity issuer	Company name
<input type="checkbox"/>	AB andrew@examp...	andrew_examp...	Member	No	starfleet1984.onmicrosoft.co	
<input type="checkbox"/>	DA Data	data@starfleet1984.onmicrosoft.com	Member	No	starfleet1984.onmicrosoft.co	
<input type="checkbox"/>	HU Husnock	husnock_husnock.onmicrosoft.com#E...	Guest	No	starfleet1984.onmicrosoft.co	
<input type="checkbox"/>	KU Kevin Uxbridge	kevin@starfleet1984.onmicrosoft.com	Member	No	starfleet1984.onmicrosoft.co	
<input type="checkbox"/>	PI Picard	picard@starfleet1984.onmicrosoft.com	Member	No	starfleet1984.onmicrosoft.co	
<input type="checkbox"/>	RU Rishon Uxbridge	rishon@starfleet1984.onmicrosoft.com	Member	No	starfleet1984.onmicrosoft.co	

Activity

- Sign-ins
- Audit logs
- Bulk operation results

Troubleshooting + Support

- New support request

Microsoft

andrew\_examp...@starfleet1984.onmicrosoft.com

### multi-factor authentication

users service settings

Note: only users licensed to use Microsoft Online Services are eligible for Multi-Factor Authentication. Learn more about how to license other users. Before you begin, take a look at the multi-factor auth deployment guide.

View: Sign-in allowed users Multi-Factor Auth status: Any bulk update

	DISPLAY NAME	USER NAME	MULTI-FACTOR AUTH STATUS
<input type="checkbox"/>	andrew@examp...	andrew_examp...	Disabled
<input type="checkbox"/>	Data	data@starfleet1984.onmicrosoft.com	Disabled
<input type="checkbox"/>	Husnock	husnock@husnock.onmicrosoft.com	Disabled
<input checked="" type="checkbox"/>	Kevin Uxbridge	kevin@starfleet1984.onmicrosoft.com	Disabled
<input type="checkbox"/>	Picard	picard@starfleet1984.onmicrosoft.com	Disabled
<input type="checkbox"/>	Rishon Uxbridge	rishon@starfleet1984.onmicrosoft.com	Disabled

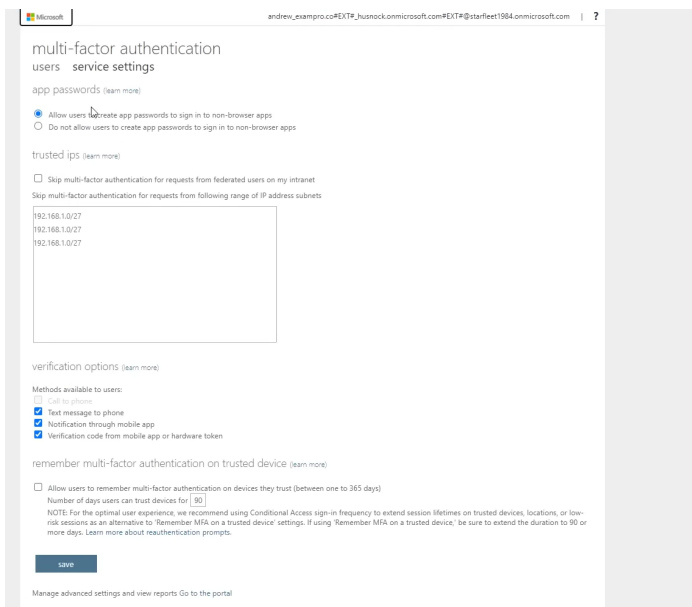
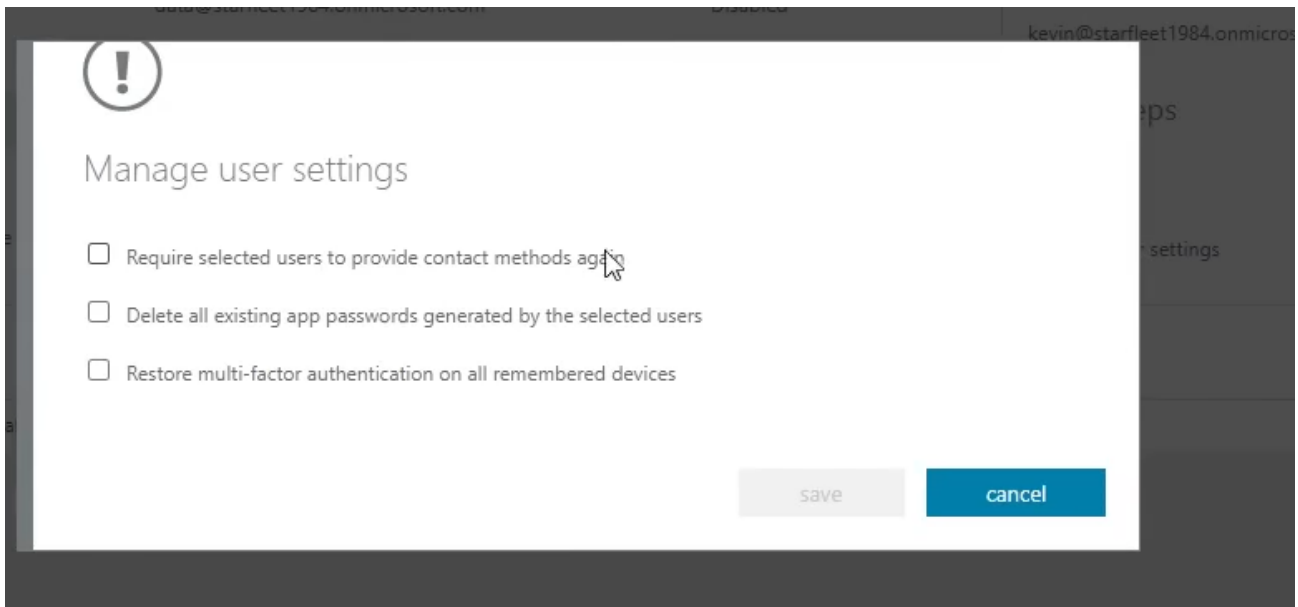
Kevin Uxbridge

kevin@starfleet1984.onmicrosoft.com

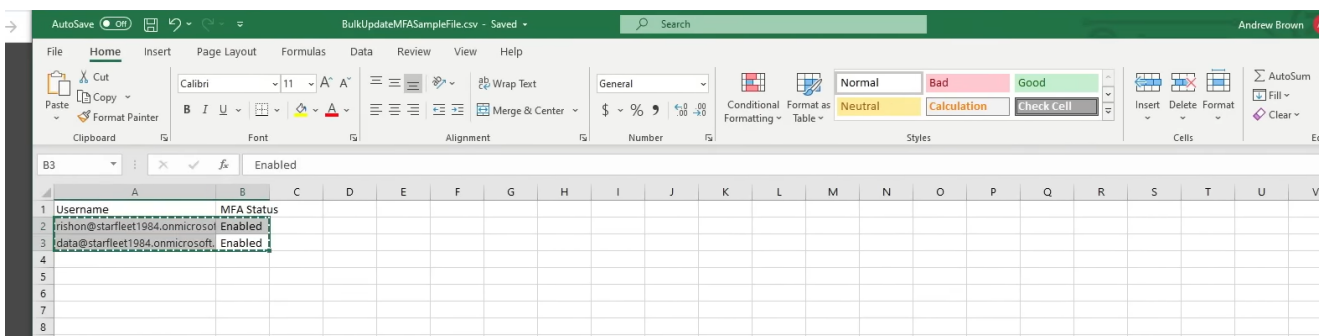
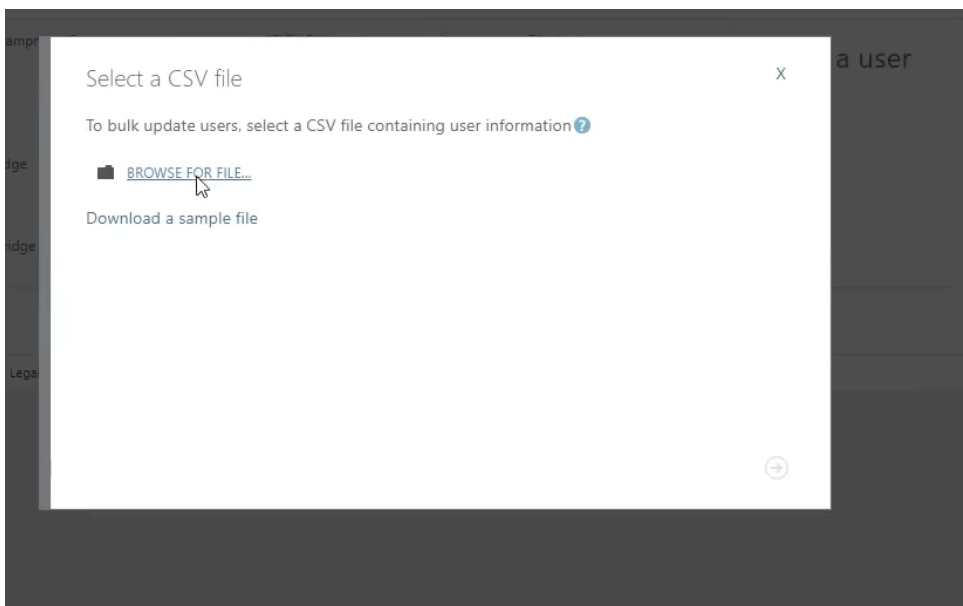
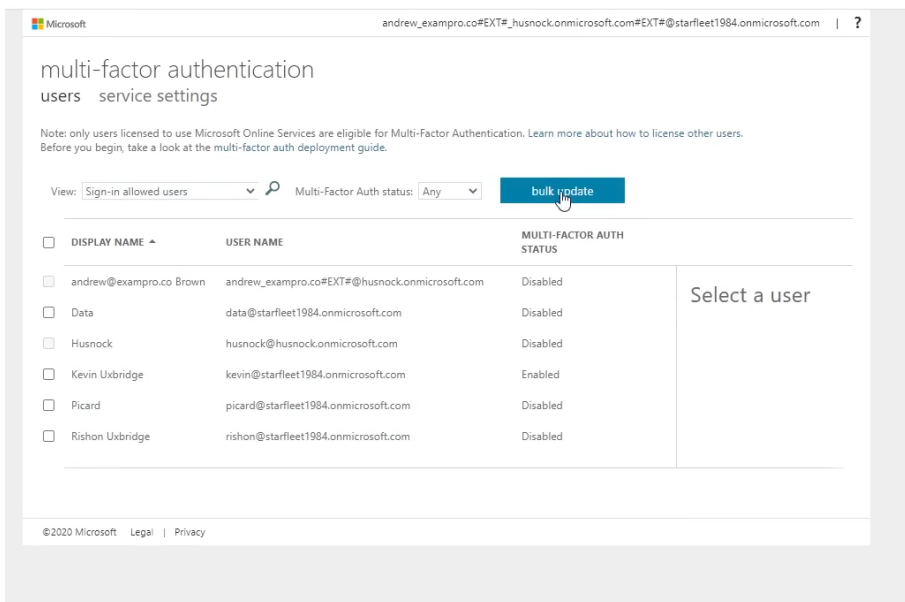
quick steps

- Enable
- Manage user settings

©2020 Microsoft Legal | Privacy



// Azure can also automatically update users in Bulk through a CSV file.



### From ChatGPT:

A CSV file stands for "Comma-Separated Values." It's a type of text file used to store tabular data, like a spreadsheet or a database. Each line in the file represents a row of data, and within each line, individual values are separated by commas.

For example, a simple CSV file might look like this:

```
Name, Age, City
Alice, 30, New York
```

```
Bob, 25, Los Angeles  
Charlie, 35, Chicago
```

Here's a breakdown:

- The first line is the header row, which describes the data in each column.
- Each subsequent line represents a record (or row) with fields (or columns) separated by commas.

CSV files are widely used because they're easy to create and read, and they can be opened by many different programs, including spreadsheet software like Excel and Google Sheets.

