

Amazon Q for Business Workshop

Michael Lin
Sr. Solutions Architect
Amazon Web Services



https://t.ly/f3_jq

Sign in

Choose a preferred sign-in method

Email one-time password (OTP)

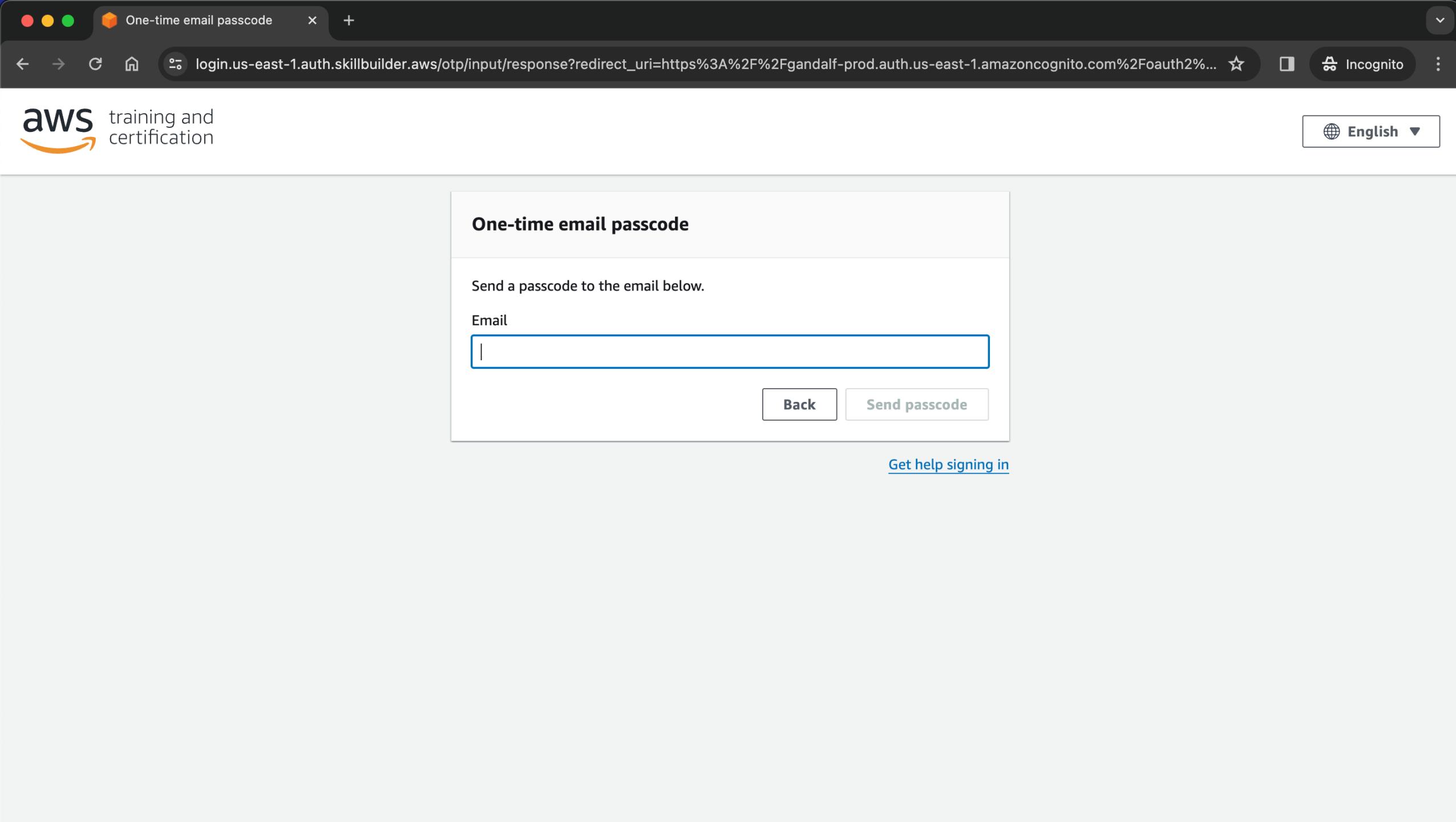
Enter your personal or corporate email to receive a one-time password

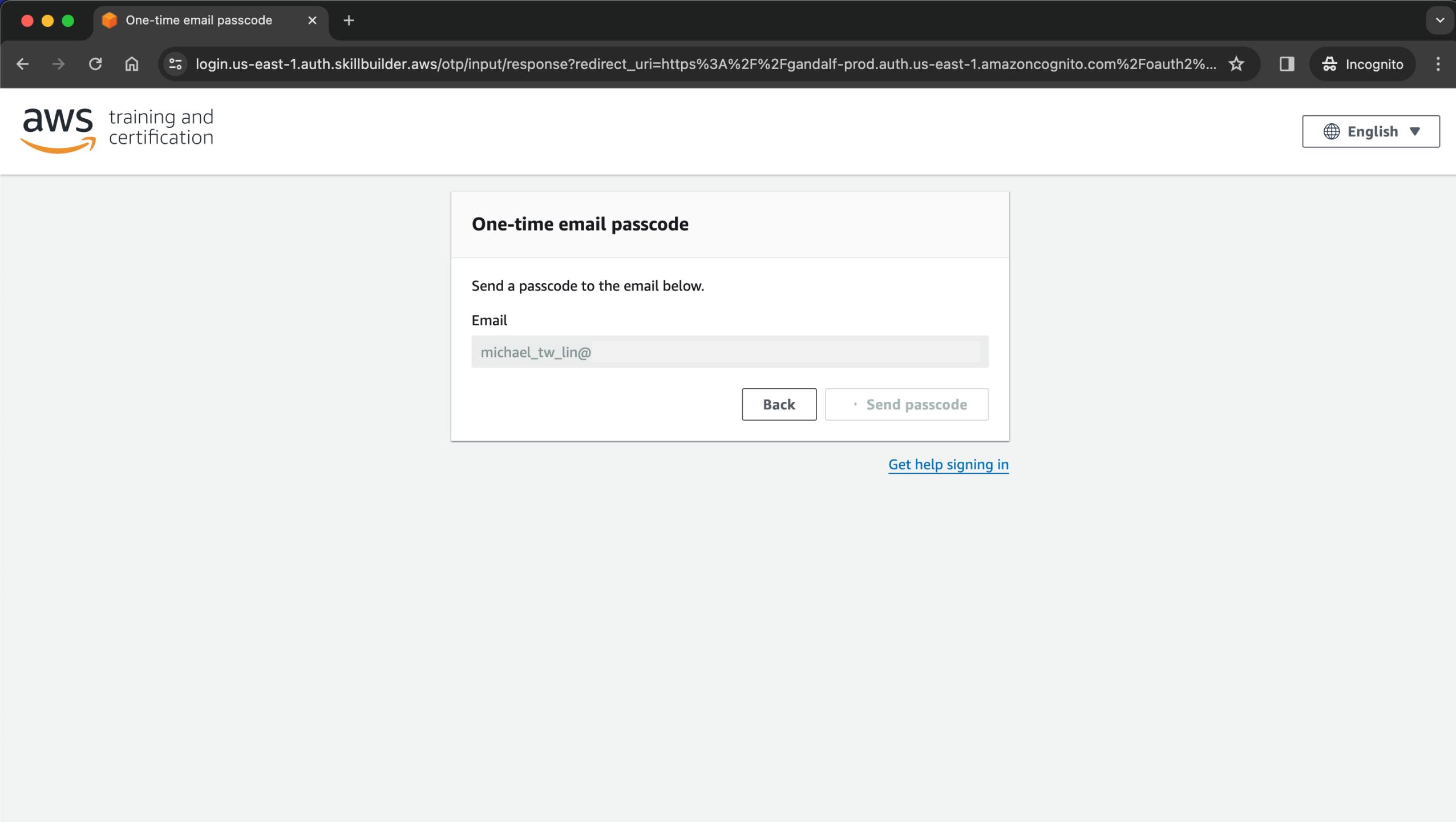
AWS Builder ID

Login with AWS Builder ID, a new personal profile for builders

Amazon employee

Login with your Amazon Corporate account. Only for Amazon Employees.





Verify one-time email passcode

login.us-east-1.auth.skillbuilder.aws/otp/challenge?redirect_uri=https%3A%2F%2Fgandalf-prod.auth.us-east-1.amazoncognito.com%2Foauth2%2Fidp...

Incognito

aws training and certification

English

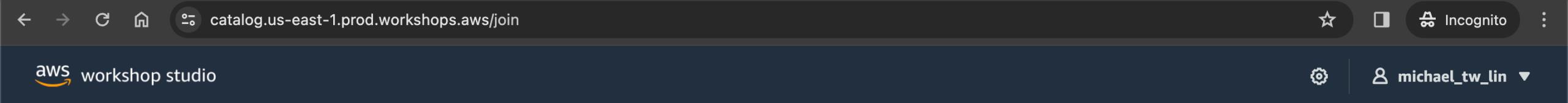
One-time email passcode

We sent a passcode to michael_tw_lin@msn.com. You should receive it within 5 minutes.

Passcode (9-digit) | [Resend passcode](#)

Back | Sign in

[Get help signing in](#)



[Workshop Studio](#) > Join event

Step 1

Enter event access code

Step 2

Review and join

Enter event access code

Event access code

Event access code

A 12 digit code that was given to you for this event

caa0-040ce3-4a

Cancel

Next

[Workshop Studio](#) > Join event

Step 1

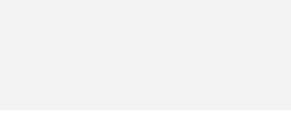
[Enter event access code](#)

Step 2

[Review and join](#)

Review and join

Event details

	Start time 2/01/2024 03:18 PM	Duration 72 hours	Level 200
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Description

nwa-canvas-dryrun

Terms and Conditions

Read and accept before joining the event

Read and accept before joining the event:

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Country or region

Minimum age



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10. If You access and use a service and/or third-party models that have their own terms during the relevant event, while in the AWS-owned account, You agree to review those terms and comply with them during the event.
11. If You are an AWS Partner using AWS Workshop Studio as part of Your participation in the AWS Partner Network Program, Your use of AWS Workshop Studio is governed by these terms, the AWS Partner Network Terms and Conditions, and the AWS Customer Agreement or other agreement with us governing your use of AWS Services.
12. Your use of AWS Workshop Studio will comply with these terms and all applicable laws. If You fail to comply with any of these terms, Your access to AWS Workshop Studio may be immediately terminated, without notice to You.

I agree with the Terms and Conditions

Cancel

Previous

Join event



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Cancel

Previous

Join event

catalog.us-east-1.prod.workshops.aws/join

aws workshop studio

michael_tw_lin

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Cancel Previous Join event



acer-q-business



Event ends in 2 days 18 hours 26 minutes.

Amazon Q for Business Workshop

▼ Introduction

Amazon Q Business

About the Workshop

Prepare the Environment

▼ Getting Started

Configure an Application

▶ Connect Data Sources

▶ Role-Play Scenarios

▶ Optional - Explore Capabilities

Deploy the Application

Summary

Cleanup

▼ AWS account access

Open AWS console
(us-east-1) 

Get AWS CLI credentials

Exit event

[Event dashboard](#) > [Getting Started](#) > [Configure an Application](#)

Configure an Application

1. Open the [Amazon Q console](#).
2. Under **Create Amazon Q application**, click **Get started**.

Amazon Q
Empower your workforce with
generative AI

Boost employee productivity with Amazon Q, a generative AI-powered application that revolutionizes how you get work done.

Create Amazon Q application**Get started****Getting Started**

3. Click the **Create application** button.
4. For **Application name**, enter "test-application-1" (without quotes).
5. Leave the **Create and use a new service role** radio button selected.
6. Leave the **Service role name** at its default (*a name was automatically generated*).
7. Under **Encryption**, check the **Customize encryption settings** box.
 1. Observe that we can use a custom AWS KMS symmetric key.
 2. Uncheck the box again - we won't setup a key for this lab.

acer-canvas-llm

Console Home | Console Home

us-west-2.console.aws.amazon.com/console/home?region=us-west-2

Services Search [Option+S]

Oregon WSParticipantRole/Participant @ 1687-2002-4386

Service menu
You can access all AWS services here.
There are sections for recently visited
and you can save your favorite services
too.

Next

No recently visited services

Explore one of these commonly visited AWS services.

EC2 S3 RDS Lambda

View all services

Reset to default layout + Add widgets

Applications (0) Info Create application

Region: US West (Oregon)

us-west-2 (Current Region) Find applications < 1 >

Name Description Region Originating account

No applications

Get started by creating an application.

Create application

Go to myApplications

Welcome to AWS

Getting started with AWS

Open issues 0 Past 7 days

AWS Health Info

Cost and usage Info

Current month costs \$0.02 Cost (\$)

Console Home

myApplications

All services

Services (150)

Features (388)

Resources **New**

Documentation (370,951)

Knowledge Articles (2,751)

Marketplace (56)

Blogs (26,386)

Events (861)

Tutorials (239)

Search results for 'amazon q'

Services

[See all 150 results ▶](#)**Amazon Q** ☆

Generative AI-powered enterprise assistant

**Amazon QLDB** ☆

Fully managed ledger database

**Amazon Braket** ☆

Service for exploring, evaluating, and experimenting with quantum computing.

**AWS Private Certificate Authority** ☆

Managed private certificate authority service

Features

[See all 388 results ▶](#)

Export

Amazon QLDB feature

Verification

Amazon QLDB feature

Streams

Default layout

+ Add widgets

Create application



Find applications

< 1 >

Region ▾ | Region ▾ | Originati.

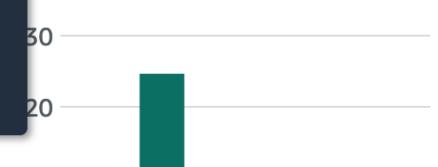
ations
ng an application.

lication

lications



Cost (\$)



acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#welcome

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

Generative AI

Amazon Q Business

Empower your workforce with generative AI

Boost employee productivity with Amazon Q Business, a generative AI-powered application that revolutionizes how you get work done.

Benefits and features

Streamline tasks in the workplace
Extract insights, brainstorm new ideas, generate content and summaries, take actions, and accelerate decision making by connecting Amazon Q Business to your enterprise content and systems.

Receive accurate responses with references and citations
Amazon Q Business generates answers and insights that are accurate and faithful to the material and knowledge that you provide, backed up with references and citations to source documents.

Enforce security with enterprise-grade access

Boost time to value with built-in connectors

Create Amazon Q Business application

Getting Started

- What is Amazon Q Business?
- Setting up Amazon Q Business
- Getting started with Amazon Q Business

More resources

- Documentation
- Contact us

acer-q-business



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acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#welcome

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

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Get started

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A red arrow points to the "Get started" button in the top right corner of the main content area.

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications

Documentation

How it works

Create generative AI application

Name your application, select a retriever, and configure data sources.

Enhance application - optional

Select an application to add plugins, configure admin controls, and define topic guardrails.

Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.

Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Applications (0)

Actions ▾

Preview web experience

Deploy web experience

Create application

Find applications by name

Name Application status Retriever Creation time Web experie

No applications

Create an application so that you can connect data, define access, and generate answers.

acer-q-business

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S]

N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Create application

Step 1
Create application
Step 2
Select retriever
Step 3
Connect data sources

Create application

Application settings Info

Application name
This will be used for the name of your application, and only be visible in the console.

You can include hyphens (-), but not spaces. Maximum of 1000 alphanumeric characters.

Service access
Amazon Q Business requires permissions to use other services on your behalf.

Choose a method to authorize Amazon Q Business

Create and use a new service role
 Use an existing service role

Service role name

Maximum 64 characters. Use alphanumeric and '+,=,@-_ ' characters.

Encryption
Your data is encrypted by default with a KMS key that AWS owns and manages for you. To choose a different key, customize your encryption settings.

Customize encryption settings (advanced)
To use the default key, clear this option.

► Tags - optional (0) Info

acer-q-business

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

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► Tags - optional (0) Info

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

[Cancel](#)[Create](#)

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S] N. Virginia WSPParticipantRole/Participant @ 1515-6952-7622

Step 3 Connect data sources

Application name
This will be used for the name of your application, and only be visible in the console.

test-application-1

You can include hyphens (-), but not spaces. Maximum of 1000 alphanumeric characters.

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Create and use a new service role
 Use an existing service role

Service role name

QBusiness-Application-jc3r3

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Propagating IAM role.
This will take 30 seconds, please remain on the page.

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Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Step 1 Create application

Step 2 Select retriever

Step 3 Connect data sources

Select retriever

Retrievers Info

A retriever is an index from which we can get data in real time. To connect documents to your application, choose a retriever.

Use native retriever

Retriever
Native retriever
Includes default capacity of 10k docs and 0.5 QPS

Available data sources
Amazon S3, Web Crawler, Upload, +27 more

Use existing retriever

Retriever
Amazon Kendra

Available data sources
Existing indexes and associated data sources

Index provisioning Info

Available index unit range is 1 to 50 units. Access pricing details on the [Amazon Q Business pricing document](#)

Number of units
Each unit is 20,000 documents.

1

Up to 20,000 documents.

► Tags - optional (0) Info

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- Step 1
Create application
- Step 2
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- Step 3
Connect data sources

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Cancel

Next





Services

Search

[Option+S]



N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622



Amazon Q Business > Create application



- Step 1
Create application
- Step 2
Select retriever
- Step 3
Connect data sources

Connect data sources

Data sources (0) Info

Select the data source that you want to configure. You can configure up to 5 data sources per application.

Most popular

**Amazon S3**

Cloud

**Web crawler****Upload files**

Available after retriever is created

[All](#)[Cloud](#)[On-prem](#)

Search

**Adobe Experience Manager**

Cloud On-prem

**Alfresco**

Cloud On-prem

**Amazon FSx (Windows)**

Cloud

**Amazon RDS (MySQL)****Amazon RDS (Microsoft SQL)****Amazon RDS (Oracle)**

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Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Create application

Step 1
Create application

Step 2
Select retriever

Step 3
Connect data sources

Connect data sources

Amazon S3 Info

Provide details so that Amazon Q Business can index your Amazon S3 bucket repository of documents.

Name and description

Data source name
For easy identification please ensure the data source name is unique within the index.
my-data-source

Description
This text is viewed only by AWS Enterprise Q administrators and can be edited later.
My data source connector for my documents

Configure VPC and security group - optional Info

Virtual Private Cloud (VPC)
Select a VPC that defines the virtual networking environment for this repository instance. [Manage VPCs](#)

No VPC

Amazon Q Business > Create application

Step 1
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Connect data sources

 **Amazon S3** Info
Provide details so that Amazon Q Business can index your Amazon S3 bucket repository of documents.

Name and description

Data source name
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Virtual Private Cloud (VPC)
Select a VPC that defines the virtual networking environment for this repository instance. [Manage VPCs](#) 

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

IAM role Info

i IAM roles used for applications can't be used for data sources. If you are unsure if an existing role is used for an application, choose "Create a new role" to avoid an error.

IAM role

Amazon Q Business requires an IAM role to access repository credentials and application content.

Choose an option

Search

Create a new service role (Recommended)

Enter a custom IAM role ARN Create a new service role (Recommended)

Use an existing service role

- AWSServiceRoleForAmazonEKS
- AWSServiceRoleForAmazonEKSNodegroup
- AWSServiceRoleForAmazonElasticsearchService
- AWSServiceRoleForAPIGateway
- AWSServiceRoleForApplicationAutoScaling_AppStreamFleet
- AWSServiceRoleForApplicationAutoScaling_DynamoDBTable
- AWSServiceRoleForApplicationAutoScaling_EC2SpotFleetRequest
- AWSServiceRoleForApplicationAutoScaling_ECSService
- AWSServiceRoleForApplicationAutoScaling_RDSCluster
- AWSServiceRoleForAppSync

All paths are relative to the data source location S3

acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

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IAM role

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Create a new service role (Recommended)

Role name

The role name uses the prefix 'QBusiness-DataSource-'. The created role will only work for this data source and its specific configuration.

QBusiness-DataSource-72w88

Sync scope Info

Enter the data source location

Locate the S3 bucket where your data is stored.

s3://my-bucket

Browse S3

► **Maximum file size**
You can set up the maximum file size value so Amazon Q Business will crawl only the files within the size limit you define.

► **Advanced settings**

► **Filter patterns**
Add a pattern to include only certain folders, or to exclude folders, file types or specific files in your repository. All paths are relative to the data source location S3 bucket. You can have a combined total of 100 patterns.



Sync scope Info

Enter the data source location

Locate the S3 bucket where your data is stored.

Browse S3

► Maximum file size

You can set up the maximum file size value so Amazon Q Business will crawl only the files within the size limit you define.

Choose archive in S3



S3 buckets

Buckets (1)



< 1 >



Creation date

amazon-q-workshop-151569527622

Sun Apr 14 2024 15:42:57 GMT+0800 (Taipei Standard Time)

CancelChoose

Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.





Sync scope Info

Enter the data source location

Locate the S3 bucket where your data is stored.

[Browse S3](#)

► Maximum file size

You can set up the maximum file size value so Amazon Q Business will crawl only the files within the size limit you define.

Choose archive in S3 X

S3 buckets

Buckets (1/1)

 < 1 >CCX▼ Name ▼ Creation date

amazon-q-workshop-151569527622

Sun Apr 14 2024 15:42:57 GMT+0800 (Taipei Standard Time)

[Cancel](#)[Choose](#)

Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services

Search [Option+S]

N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

Sync scope Info

Enter the data source location

Locate the S3 bucket where your data is stored.

s3://amazon-q-workshop-151569527622

► Maximum file size

You can set up the maximum file size value so Amazon Q Business will crawl only the files within the size limit you define.

► Advanced settings

► Filter patterns

Add a pattern to include only certain folders, or to exclude folders, file types or specific files in your repository. All paths are relative to the data source location S3 bucket. You can have a combined total of 100 patterns.

Sync mode Info

Choose how you want to update your application when your data source content changes.

Full sync

Sync and application all contents in all entities, regardless of the previous sync status.

New, modified, or deleted content sync

Only sync new, modified, or deleted content.

Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

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Sync run schedule

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Choose an option 

► Tags - optional (0)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings

 Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Document (1/1)



Services

Search

[Option+S]



N. Virginia ▾

WSParticipantRole/Participant @ 1515-6952-7622 ▾



Sync mode Info

Choose how you want to update your application when your data source content changes.

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Only sync new, modified, or deleted content.

Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Choose an option

Run on demand

Hourly

Daily

Weekly

Monthly

Custom

value. You can use tags to search and filter your

Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Document (1/1)

Add field



Services

Search

[Option+S]



N. Virginia ▾

WSParticipantRole/Participant @ 1515-6952-7622 ▾



Sync mode Info

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Sync and application all contents in all entities, regardless of the previous sync status.

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Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Run on demand



i This data source will not be synced until you choose "sync now" in the Data sources section.

► Tags - optional (0) Info

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings Info

i Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

aws Services Search [Option+S] Run on demand N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

This data source will not be synced until you choose "sync now" in the Data sources section.

► Tags - optional (0) [Info](#)
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings [Info](#)

Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Document (1/1)

Add field

Search data source field names < 1 >

Amazon S3 field name	Index field name	Description	Data type
s3_document_id	s3_document_id	Default	String

Back Add data source





Services

Search [Option+S]



N. Virginia ▾

WSParticipantRole/Participant @ 1515-6952-7622 ▾



This data source will not be synced until you choose "Sync now" in the Data sources section.

► Tags - optional (0) Info

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings Info

i Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Document (1/1)

Add field

< 1 >

Search data source field names

Amazon S3 field name

Index field name

Description

Data type

s3_document_id

s3_document_id

Default

String

Back

Add data source

i Propagating IAM role.

This will take 30 seconds, please remain on the page.

Acer-q-business

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S]

N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

We're creating the following data source: 'data-source-s3-1'.

Amazon Q Business > Create application

Step 1
Create application
Step 2
Select retriever
Step 3
Connect data sources

Connect data sources

Data sources (1) Info

Select the data source that you want to configure. You can configure up to 5 data sources per application.

Most popular

-  **Amazon S3** 1 added ✓ Cloud +
-  **Web crawler** +
-  **Upload files** +

All Cloud On-prem

Search

-  **Adobe Experience Manager** Cloud On-prem +
-  **Alfresco** Cloud On-prem +
-  **Amazon FSx (Windows)** Cloud +

Amazon RDS +

Amazon RDS +

Amazon RDS +

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/createApplication

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

You successfully created the following data source: 'data-source-s3-1.'

Amazon Q Business > Create application

Step 1
Create application
Step 2
Select retriever
Step 3
Connect data sources

Connect data sources

Data sources (1) Info

Select the data source that you want to configure. You can configure up to 5 data sources per application.

Most popular

-  **Amazon S3** 1 added ✓ Cloud +
-  **Web crawler** +
-  **Upload files** +

All Cloud On-prem

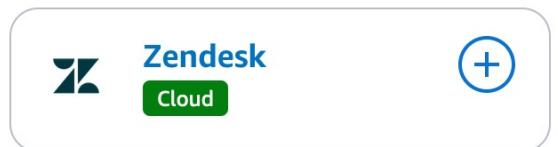
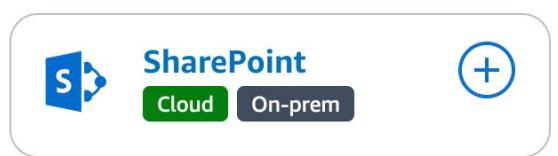
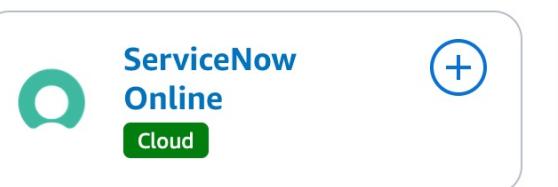
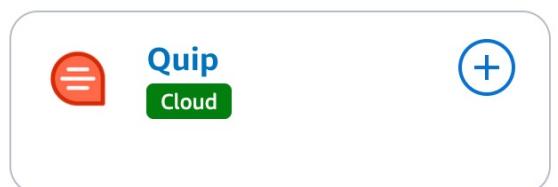
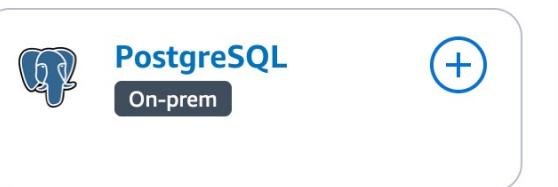
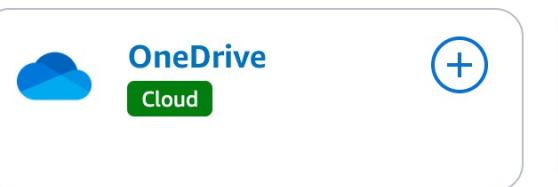
Search

-  **Adobe Experience Manager** Cloud On-prem +
-  **Alfresco** Cloud On-prem +
-  **Amazon FSx (Windows)** Cloud +

Amazon RDS +

Amazon RDS +

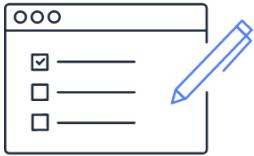
Amazon RDS +

[Cancel](#)[Create application](#)

 [Amazon Q Business](#) > Applications

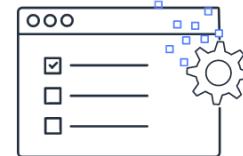
Applications

▼ How it works



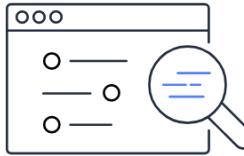
Create generative AI application

Name your application, select a retriever, and configure data sources.



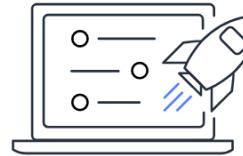
Enhance application - optional

Select an application to add plugins, configure admin controls, and define topic guardrails.



Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.



Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Applications (1)

[Actions ▾](#)[Preview web experience](#)[Deploy web experience](#)[Create application](#)

< 1 >

 Find applications by name

Name	Application status	Retriever	Creation time	Web experience st...	Deployed URL
test-application-1	Created successfully	Native Retriever	Apr 14, 2024, 9:26 P...	Not deployed	-

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

AWS Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications test-application-1

Enhancements Admin controls and guardrails Plugins Document enrichments Documentation

Application settings

Application name	test-application-1	Application ID	3791e75d-935a-41e6-a14c-db6383d16fdb	Subtitle	-	Application status	Created successfully
Service access	arn:aws:iam::151569527622:role/service-role/QBusiness-Application-jc3r3	Title	-	KMS encryption key	Amazon Q Business owned key		

Data sources (1) Info

Sync now Stop sync Actions Add data source

Search data sources

Name	Source	Data source st...	Last sync time	Last sync status	Current sync st...
data-source-s3-1	S3	Active	-	-	Idle

Retriever settings Web experience settings Tags

Retriever settings

Retriever	Native Retriever	Retriever ID	c33f1374-b05c-47bf-9371-6b2b246a32eb	Storage used	0 Bytes	Index status	Active
Index ID	Oead34a6-b582-40cf-8648-7ab1017110f0	Document count	0	Last modified time	Apr 14, 2024, 9:27 PM GMT+8	Index provisioning	1

acer-q-business X Amazon Q | us-east-1 X + Private browsing

aws workshop studio michael_tw_lin ▾

Prepared the Environment

Getting Started

Configure an Application

Connect Data Sources

Amazon S3

Optional - Web Crawler

Optional - Zendesk

Optional - ServiceNow

Role-Play Scenarios

Travel and Hospitality

Prepare Scenario

Connect Web Crawler

Ask Questions

Adjust Guardrails

Ask More Questions

► Global Financial Services

► Optional - Explore Capabilities

Deploy the Application

AWS account access

[Open AWS console \(us-east-1\)](#)

[Get AWS CLI credentials](#)

Event ends in 2 days 17 hours 58 minutes.

Event dashboard > Role-Play Scenarios > Travel and Hospitality > Prepare Scenario

Prepare Scenario

Provide the sample document

1. Upload [pow-pow-foods.pdf](#) (our sample document) to the *amazon-q-workshop-XXXXX* Amazon S3 bucket (note: this is the same Amazon S3 bucket we setup as described in the Prepare the Environment section).
2. In the **Data sources** list, click on the S3 data source we previously created.
3. Click the **Sync now** button to start a synchronization.
4. This will take about 15 minutes to complete.

Business Context

In this fictitious scenario, Alice and Bob are using Q Business as they research their new restaurant business.

Connect Web Crawler

Connecting a Web Crawler is also required for this scenario and is described in the next section.

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



1 of 2



Automatic Zoom



T

E



Imaginary Business Plan

Pow Pow Foods
281 W Lane Ave.
Columbus, OH 43210

acer-q-business X chicken-pow-pow - pow-pow-foods X Amazon Q | us-east-1 X + Private browsing

https://ws-assets-prod-iad-r-iad-ed304a55c2ca1aee.s3.us-east-1.amazonaws.com/ab42761b-ce70-4ef0-817c-c41a79d88a19/p

2 of 2 Automatic Zoom

T E I P D >

Background and History

Alice and Bob have been involved with restaurants for many years. They opened their first restaurant in 1995 and their second in 2005. Praised for the quality of their menus, Alice and Bob have decided to build on this success and open their third restaurant in Columbus, Ohio.

Description of Products

Alice and Bob's mission is to create the best fast-casual restaurant around.

Customers are delighted by the Chicken Pow Pow they offered at their last restaurant, and Alice and Bob will build a full menu around this award-winning recipe. Their Chicken Pow Pow is marinated with a blend of parmesan, garlic and other ingredients. Alice and Bob have created a themed menu that includes: 1) Chicken Pow Pow Sliders, 2) Chicken Pow Pow Tenders, and 3) Seasoned Fries – these foods can be eaten at the restaurant or ordered for pick-up or delivery.

Alice and Bob have also created 4) Chicken Pow Pow Sauce that customers can take home.

Marketing Strategy

Alice and Bob decided on a three-legged marketing approach:

1. Loyalty Program
2. Targeted Marketing
3. Mobile Food Truck

Loyalty Program

Alice and Bob have decided to create a loyalty program for their best customers. After four meals, customers will get their fifth meal free. Alice and Bob noticed this type of loyalty



https://ws-assets-prod-iad-r-iad-ed304a55c2ca1aee.s3.us-east-1.amazonaws.com/ab42761b-ce70-4ef0-817c-c41a79d88a19/p

2 of 2

Automatic Zoom

T E I P D >

Marketing Strategy

Alice and Bob decided on a three-legged marketing approach:

1. Loyalty Program
2. Targeted Marketing
3. Mobile Food Truck

Loyalty Program

Alice and Bob have decided to create a loyalty program for their best customers. After four meals, customers will get their fifth meal free. Alice and Bob noticed this type of loyalty program works great for coffee at the gas station, and they imagine it will work well for lunch.

Targeted Marketing

Alice and Bob will start by understanding who is their customer and the customer's greatest problem or opportunity – namely, a hungry customer. Alice and Bob will set specific, measurable goals such as: increased sales, boosting reviews, or growing their social media following. Next, Alice and Bob will develop a unique brand identity for their Chicken Pow Pow fast-casual restaurant. They'll create compelling content and adapt to changing market trends.

Mobile Food Truck

Alice and Bob will take their Chicken Pow Pow food truck to local events. They believe that college football games will be a great place to attract hungry customers. Additionally, they plan to offer their bottled Chicken Pow Pow sauce from their food truck, for customers to take home.



Services

Q s3



N. Virginia ▾

WSParticipantRole/Participant @ 1515-6952-7622 ▾

Amazon Q Business

Applications

test-application-1

Enhancements

Admin controls and guides

Plugins

Document enrichment

Documentation

Services (8)

Features (39)

Resources New

Documentation (26,354)

Knowledge Articles (290)

Marketplace (1,631)

Blogs (1,379)

Events (25)

Tutorials (13)

Search results for 's3'

Services

See all 8 results ▶

S3 ☆

Scalable Storage in the Cloud

S3 Glacier ☆

Archive Storage in the Cloud

AWS Snow Family ☆

Large Scale Data Transport

Storage Gateway ☆

Hybrid Storage Integration

Features

See all 39 results ▶

Imports from S3

DynamoDB feature

Feature spotlight

S3 feature

S3 Access Grants

W

Stop sync

Actions ▾



Acer-q-business S3 buckets | S3 | us-east-1 Private browsing

https://us-east-1.console.aws.amazon.com/s3/home?region=us-east-1

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon S3

Buckets Access Grants Access Points Object Lambda Access Points Multi-Region Access Points Batch Operations IAM Access Analyzer for S3

Last updated: Dec 15, 2023 by Storage Lens. Metrics are generated every 24 hours. Metrics don't include directory buckets. [Learn more](#)

Total storage: 78.0 B Object count: 1 Average object size: 78.0 B

You can enable advanced metrics in the "default-account-dashboard" configuration.

General purpose buckets Directory buckets

General purpose buckets (1) [Info](#) All AWS Regions

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
amazon-q-workshop-151569527622	US East (N. Virginia) us-east-1	View analyzer for us-east-1	April 14, 2024, 15:42:57 (UTC+08:00)

Feature spotlight 7 AWS Marketplace for S3

View Storage Lens dashboard

Block Public Access settings for this account

Storage Lens Dashboards Storage Lens groups AWS Organizations settings

Copy ARN Empty Delete Create bucket

← 1 → 🔍

◀ 1 ▶ 🔍

amazon-q-workshop-151569527622 ←

US East (N. Virginia) us-east-1

View analyzer for us-east-1

April 14, 2024, 15:42:57 (UTC+08:00)

Acer-q-business X amazon-q-workshop-15156952 X + Private browsing

https://us-east-1.console.aws.amazon.com/s3/buckets/amazon-q-workshop-151569527622?region=us-east-1&bucketType=general&star

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon S3

Buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

Storage Lens groups

AWS Organizations settings

Feature spotlight 7

AWS Marketplace for S3

Amazon S3 > Buckets > amazon-q-workshop-151569527622

amazon-q-workshop-151569527622 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (0) [Info](#)

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#)

[Upload](#) 

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 > | 

	Name	Type	Last modified	Size	Storage class
No objects					
You don't have any objects in this bucket.					

[Upload](#)

A screenshot of the AWS S3 console showing the 'Upload' interface for a bucket named 'amazon-q-workshop-151569527622'. The browser address bar shows the URL: <https://us-east-1.console.aws.amazon.com/s3/upload/amazon-q-workshop-151569527622?region=us-east-1&bucketType=general>.

The page includes a search bar with the placeholder '[Option+S]', navigation icons for back, forward, and refresh, and a top menu with 'Services', 'Search', and account information ('N. Virginia', 'WSParticipantRole/Participant @ 1515-6952-7622').

The breadcrumb navigation shows: Amazon S3 > Buckets > amazon-q-workshop-151569527622 > Upload.

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (0)

All files and folders in this table will be uploaded.

Find by name < 1 >

<input type="checkbox"/>	Name	Folder	Type
No files or folders			
You have not chosen any files or folders to upload.			

Destination Info

Destination: <s3://amazon-q-workshop-151569527622>

A red arrow points to the 'Add files' button in the 'Files and folders' section.

← → ⌘ https://us-east-1.console.aws.amazon.com/s3/upload/amazon-q-workshop-151569527622?region=us-east-1&bucketType=general ☆

Services

Search [Option+S]

Favorites

- mba
- Applications
- Downloads
- On My Mac

iCloud

- iCloud Drive
- Documents
- Desktop
- Shared

Locations

- Network

Media

- Music
- Photos

Desktop — iCloud

pow-pow-foods.pdf Yesterday at 4:23PM 83 KB

No files or folders

You have not chosen any files or folders to upload.

Cancel Open

Destination [Info](#)

Destination

<s3://amazon-q-workshop-151569527622>

▶ Destination details

S3 REST API. [Learn more](#)Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.**Files and folders (1 Total, 81.5 KB)**

All files and folders in this table will be uploaded.

[Remove](#)[Add files](#)[Add folder](#) Find by name

< 1 >

Name

▼

Folder

▼

Type

 pow-pow-foods.pdf

-

application/pdf

Destination [Info](#)

Destination

<s3://amazon-q-workshop-151569527622>▶ **Destination details**

Bucket settings that impact new objects stored in the specified destination.

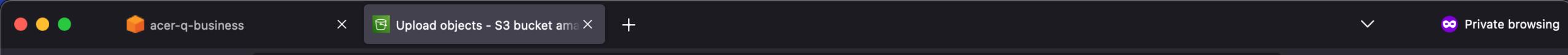
▶ **Permissions**

Grant public access and access to other AWS accounts.

▶ **Properties**

Specify storage class, encryption settings, tags, and more.

[Cancel](#)[Upload](#)



aws

Services

Search

[Option+S]



N. Virginia

WSParticipantRole/Participant @ 1515-6952-7622

✓ Upload succeeded

View details below.

Upload: status

[Close](#)

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://amazon-q-workshop-151569527622

Succeeded

1 file, 81.5 KB (100.00%)

Failed

0 files, 0 B (0%)

[Files and folders](#)

[Configuration](#)

Files and folders (1 Total, 81.5 KB)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
pow-pow-fo...	-	application/...	81.5 KB	Succeeded	-

← → C https://us-east-1.console.aws.amazon.com/s3/buckets/amazon-q-workshop-151569527622?region=us-east-1&bucketType=general& star

aws Services Q amazon q X

Amazon S3 >

amazon Objects

Services (150) Features (388) Resources New Documentation (512,486) Knowledge Articles (2,751) Marketplace (56) Blogs (26,386) Events (861) Tutorials (239)

Objects are t more ↗ Find o

Find o

Search results for 'amazon q'

Services See all 150 results ▶

- Amazon Q** ☆ Generative AI-powered enterprise assistant
- Amazon QLDB** ☆ Fully managed ledger database
- Amazon Braket** ☆ Service for exploring, evaluating, and experimenting with quantum computing.
- AWS Private Certificate Authority** ☆ Managed private certificate authority service

Features See all 388 results ▶

- Export** Amazon QLDB feature
- Verification** Amazon QLDB feature
- Streams**

Create folder Upload explicitly grant them permissions. Learn ↗

< 1 > ↗ Storage class Standard

Acer-q-business

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Applications

Applications Info

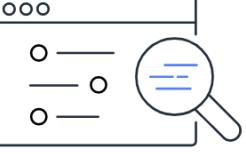
▼ How it works



Create generative AI application
Name your application, select a retriever, and configure data sources.



Enhance application - optional
Select an application to add plugins, configure admin controls, and define topic guardrails.



Customize web experience
Preview and customize the end-user web experience to verify readiness to deploy.



Deploy web experience
Configure access controls by defining an identity provider and share the URL with your team.

Find applications by name

Actions ▾ Preview web experience Deploy web experience Create application

< 1 > 1 item

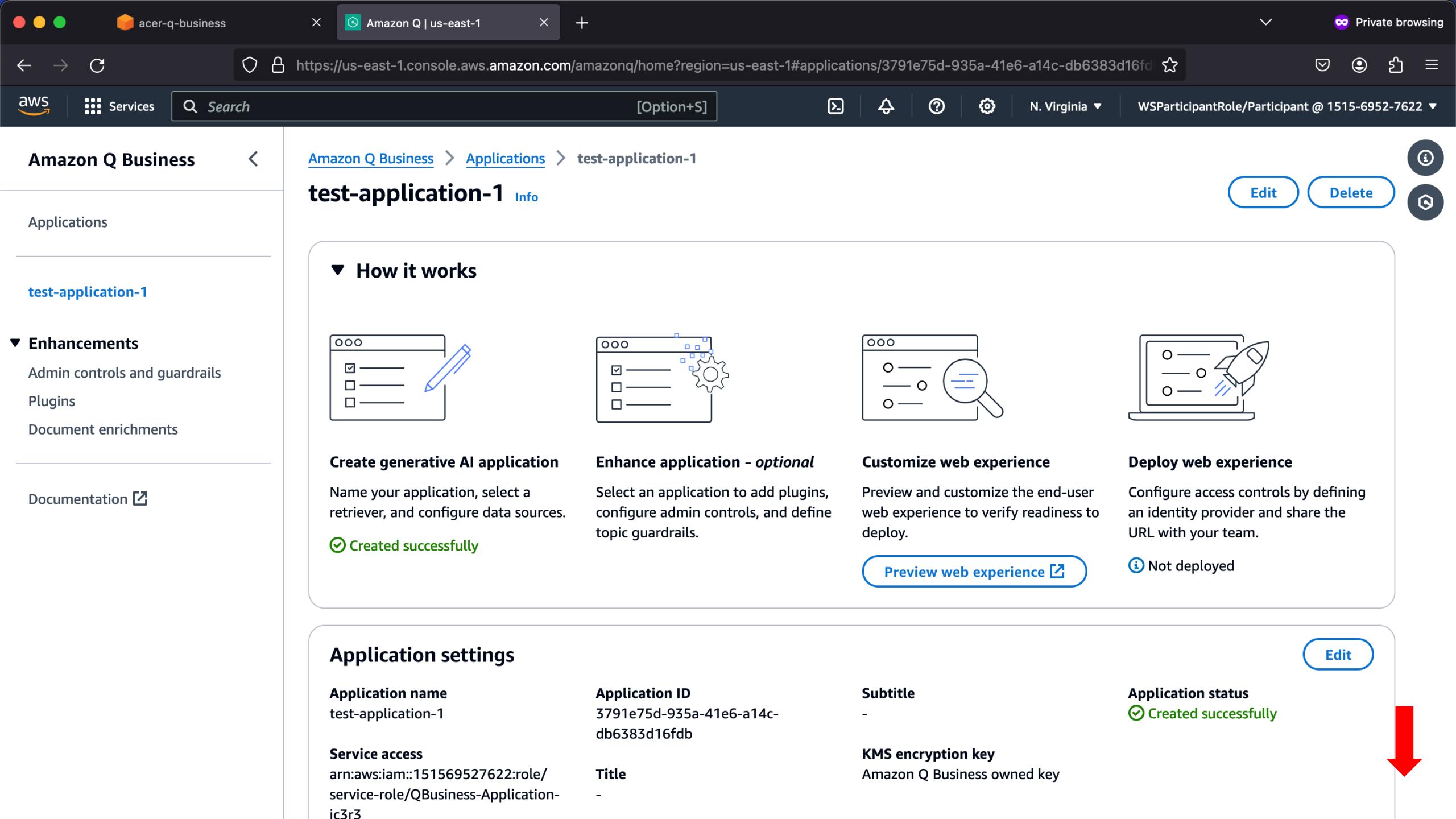
Name	Application status	Retriever	Creation time	Web experience st...	Deployed URL
test-application-1	Created successfully	Native Retriever	Apr 14, 2024, 9:26 P...	Not deployed	-

Applications (1)

Actions ▾ Preview web experience Deploy web experience Create application

< 1 > 1 item

Name	Application status	Retriever	Creation time	Web experience st...	Deployed URL
test-application-1	Created successfully	Native Retriever	Apr 14, 2024, 9:26 P...	Not deployed	-



Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications test-application-1 Enhancements Admin controls and guardrails Plugins Document enrichments Documentation

Application settings

Application name	test-application-1	Application ID	3791e75d-935a-41e6-a14c-db6383d16fdb	Subtitle	-	Application status	Created successfully
Service access	arn:aws:iam::151569527622:role/service-role/QBusiness-Application-jc3r3	Title	-	KMS encryption key	Amazon Q Business owned key		

Data sources (1/1)

Name	Source	Data source st...	Last sync time	Last sync status	Current sync st...
data-source-s3-1	S3	Active	Apr 14, 2024, 9:4...	Completed	Idle

Sync now Stop sync Actions Add data source

Retriever settings Web experience settings Tags

Retriever settings

Retriever	Native Retriever	Retriever ID	c33f1374-b05c-47bf-9371-6b2b246a32eb	Storage used	0 Bytes	Index status	Active
Index ID	Oead34a6-b582-40cf-8648-7ab1017110f0	Document count	0	Last modified time	Apr 14, 2024, 9:27 PM GMT+8	Index provisioning	1

Edit

Information icon

Sync button highlighted with a red arrow

Search bar

Page navigation icons

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

AWS Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications test-application-1 Enhancements Admin controls and guardrails Plugins Document enrichments Documentation

Application settings

Application name	test-application-1	Application ID	3791e75d-935a-41e6-a14c-db6383d16fdb	Subtitle	-	Application status	Created successfully
Service access	arn:aws:iam::151569527622:role/service-role/QBusiness-Application-jc3r3	Title	-	KMS encryption key	Amazon Q Business owned key		

Data sources (1/1)

Name	Source	Data source st...	Last sync time	Last sync status	Current sync st...
data-source-s3-1	S3	Active	Apr 14, 2024, 9:4...	Completed	Syncing

Retriever settings

Retriever	Native Retriever	Retriever ID	c33f1374-b05c-47bf-9371-6b2b246a32eb	Storage used	0 Bytes	Index status	Active
Index ID	Oead34a6-b582-40cf-8648-7ab1017110f0	Document count	0	Last modified time	Apr 14, 2024, 9:27 PM GMT+8	Index provisioning	1

← → ⌂ https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] 🔍 🔔 ⓘ N. Virginia ▾ WSParticipantRole/Participant @ 1515-6952-7622 ▾

Amazon Q Business

Applications test-application-1

Enhancements

- Admin controls and guardrails
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- Document enrichments

Documentation ↗

You successfully synced the following data source: 'data-source-s3-1', at start time Apr 14, 2024, 9:53 PM GMT+8.

Amazon Q Business > Applications > test-application-1 > data-source-s3-1

data-source-s3-1 Info

Sync now Stop sync Actions ▾

Data source details

Name	data-source-s3-1	Status	Active	Last sync status	Successful - service is operating normally
Description	-	Type	S3	Last sync time	Apr 14, 2024, 9:53 PM GMT+8
Data source ID	8afc5c09-a39a-43f3-9ebf-8877797e5041	IAM role ARN	arn:aws:iam::151569527622:role/service-role/QBusiness-DataSource-72w88	Current sync state	Idle

Sync history Settings Tags

Sync run history (2)

Status / Summary	Start time	End time	Total items scanned	Added	Deleted
Completed	Apr 14, 2024, 9:53 PM GMT+8	Apr 14, 2024, 10:04 PM GMT+8	1	1	0
Completed	Apr 14, 2024, 9:34 PM GMT+8	Apr 14, 2024, 9:41 PM GMT+8	0	0	0

Acer-q-business

Amazon Q | us-east-1

Private browsing

https://catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/40-role-play-scenarios/10-travel-and-hospitality

michael_tw_lin

aws workshop studio

Prepare the Environment

Getting Started

Configure an Application

Connect Data Sources

Amazon S3

Optional - Web Crawler

Optional - Zendesk

Optional - ServiceNow

Role-Play Scenarios

Travel and Hospitality

Prepare Scenario

Connect Web Crawler

Ask Questions

Adjust Guardrails

Ask More Questions

► Global Financial Services

► Optional - Explore Capabilities

Deploy the Application

AWS account access

Open AWS console
(us-east-1)

Get AWS CLI credentials

Event ends in 2 days 17 hours 54 minutes.

Event dashboard > Role-Play Scenarios > Travel and Hospitality > Connect Web Crawler

Connect Web Crawler

1. Using the left side navigation, return to **test-application-1**.
2. In **Data sources**, click **Add data source**, then choose **Web crawler**.
3. For the **Data source name**, choose "data-source-web-1" (without the quotes).
4. In the **Source** card, choose **Source URLs**, enter two:
 1. URL 1: https://en.wikipedia.org/wiki/Food_truck ↗
 2. Click the **Add Source URLs** button to enter the second.
 3. URL 2: https://en.wikipedia.org/wiki/Hot_Chicken_Takeover ↗
4. Notice that you can use sitemaps or a source URLs file.

Source Info

Choose one of the following:

Source URLs
Add up to 10 starting point URLs of the websites you want to crawl.

Source sitemaps
Add up to 3 sitemap URLs of the websites that you want to crawl.

Source URLs file

Source sitemap URLs file



Food truck

文 A 26 languages ▾

Contents

[hide](#)[\(Top\)](#)

History

[United States](#)[Gourmet trucks](#)[Food truck rallies](#)[Business and economics](#)[Food safety concerns](#)

By country

[Americas](#)[Brazil](#)[Canada](#)[Mexico](#)[Asia-Pacific](#)[Australia](#)[Hong Kong](#)[Japan](#)[South Korea](#)[Europe](#)[Belgium](#)[France](#)[Ireland](#)[United Kingdom](#)[In popular culture](#)[See also](#)[Article](#)[Talk](#)[Read](#)[Edit](#)[View history](#)[Tools](#) ▾

From Wikipedia, the free encyclopedia

A **food truck** is a large [motorized vehicle](#) (such as a [van](#) or [multi-stop truck](#)) or [trailer](#) equipped to store, transport, [cook](#), [prepare](#), [serve](#), and/or sell [food](#).^{[1][2]}

Some food trucks, such as [ice cream trucks](#), sell [frozen](#) or prepackaged food, but many have on-board [kitchens](#) and prepare food from scratch, or they reheat food that was previously prepared in a [brick and mortar](#) commercial kitchen. [Sandwiches](#), [hamburgers](#), [hot dogs](#), [chicken](#), [tacos](#), [pizza](#), [french fries](#), and other typical [fast food](#) and [finger food](#) staples are common food truck fare, though since the [pop-up restaurant](#) phenomenon of the 2010s, food trucks specializing in a wide variety of [gourmet](#), [specialty](#), [global](#), [regional](#), and [fusion cuisines](#) have seen growing popularity.^[3] Food trucks often also sell or fully specialize in beverages such as [soft drink](#), [juice](#), [coffee](#), [tea](#), and [water](#), as well as treats such as [ice cream](#), [pastries](#), and [fried dough](#).

Historical predecessors of food trucks were horse-drawn [chuckwagons](#) and lunch wagons of the 19th century. By the early-to-mid-20th century, trucks and vans were being used both as mobile [canteens](#) in the [military](#) and as "roach coaches" that traveled to worksites and primarily catered to [blue-collar workers](#). Into the 21st century, economic and cultural shifts surrounding the foodservice industry led to a considerable rise in popularity among customers and food truck operation as a career. Though food trucks primarily developed in the [United States](#), [United Kingdom](#), and [France](#), they have become increasingly popular and more available in other parts of [Europe](#) and the [Americas](#), as well as [Asia](#) and [Oceania](#).

Food trucks, along with [food booths](#) and [food carts](#), are major components of the [street food](#) industry that serves an estimated 2.5 billion people daily.^{[4][5]}

History [edit]



The examples and perspective in this section **deal primarily with the United States and do not represent a worldwide view of the subject**. You may [improve this section](#), discuss the issue on the [talk page](#), or create a new section, as appropriate. (August 2021) ([Learn how and when to remove this template message](#))



A Chevrolet Step-Van food truck in Ithaca, New York near Cornell University

Part of a series on
American cuisine



[Regional cuisines](#) [show]

[History](#) [show]

[Ingredients and foods](#) [show]

[Styles](#) [show]

[Ethnic and cultural](#) [show]

[Holidays and festivals](#) [show]



Hot Chicken Takeover

[Add languages](#)**Contents**[hide](#)[\(Top\)](#)[History](#)[Employment policies](#)[Locations](#)[References](#)[External links](#)[Article](#)[Talk](#)[Read](#)[Edit](#)[View history](#)[Tools](#)

From Wikipedia, the free encyclopedia

Hot Chicken Takeover is an American fast casual fried chicken restaurant chain in [Columbus, Ohio](#) that specializes in [Nashville hot chicken](#).

History [\[edit\]](#)

Founder Joe DeLoss started the company after visiting [Nashville, Tennessee](#) and being introduced to the local specialty [hot chicken](#) in 2013.^[1] The company was initially founded as a [pop-up restaurant](#) in April 2014,^[2] before launching a [crowdfunding](#) campaign on [Kickstarter](#) later that year to fund the purchase of a [food truck](#).^[3]

Employment policies [\[edit\]](#)

The company received significant media coverage for its stated mission of being a [fair chance employer](#) that provides job opportunities to formerly incarcerated people who are reentering the workforce and other individuals who are not otherwise able to find work.^{[4][5]} In 2016, over 70% of Hot Chicken Takeover employees were formerly incarcerated or formerly affected by homelessness.^[6] Founder Joe DeLoss has stated that workers with former criminal histories are better and more reliable employees than others, and that the company employs anyone with "an orientation towards personal growth and a willingness to respond to coaching".^[7]

The company also provides various free professional development initiatives for its employees such as [financial literacy](#) training and private personal counseling,^[2] as well as emergency 0% payday loans or cash support so that employees are not at risk of [predatory lenders](#).^[8]

Locations [\[edit\]](#)

As of April 2018, Hot Chicken Takeover has three locations in [Columbus, Ohio](#). The first location is in the historic [North Market](#) building in downtown Columbus, the second is located in the [Clintonville](#) neighborhood and the newest location is at Easton Gateway in [Easton Town Center](#). The company also continues to own a food truck, which has previously been voted "Best Food Truck in Columbus" by the readers of local news blog Columbus Underground in 2015 and 2016.^[9] In 2019, they made their [Cleveland](#) area debut, opening a new location at

Hot Chicken Takeover

Company type	Private
Industry	Restaurants
Genre	Fast casual
Founded	April 2014; 10 years ago
Headquarters	Columbus, Ohio
Number of locations	7 (2022)
Owner	Joe DeLoss
Website	hotchickentakeover.com



Acer-q-business

Hot Chicken Takeover - Wikipedia

Food truck - Wikipedia

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

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Amazon Q Business

Applications

test-application-1

Enhancements

- Admin controls and guardrails
- Plugins
- Document enrichments

Documentation

test-application-1 Info

Edit Delete

How it works



Create generative AI application

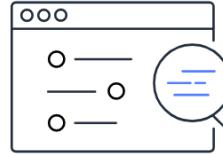
Name your application, select a retriever, and configure data sources.

Created successfully



Enhance application - *optional*

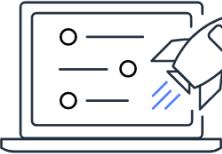
Select an application to add plugins, configure admin controls, and define topic guardrails.



Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.

Preview web experience



Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Not deployed

Application settings

Application name	Application ID	Subtitle	Application status
test-application-1	3791e75d-935a-41e6-a14c-db6383d16fdb	-	Created successfully
Service access	Title	KMS encryption key	
arn:aws:iam::151569527622:role/service-role/QBusiness-Application-ic3r3	-	Amazon Q Business owned key	

Edit

Created successfully

Not deployed

Amazon Q Business owned key

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

AWS Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications test-application-1

Enhancements Admin controls and guardrails Plugins Document enrichments Documentation

Application settings

Application name	test-application-1	Application ID	3791e75d-935a-41e6-a14c-db6383d16fdb	Subtitle	-	Application status	Created successfully
Service access	arn:aws:iam::151569527622:role/service-role/QBusiness-Application-jc3r3	Title	-	KMS encryption key	Amazon Q Business owned key		

Data sources (1/1)

Name	Source	Data source st...	Last sync time	Last sync status	Current sync st...
data-source-s3-1	S3	Active	Apr 14, 2024, 10:...	Completed	Idle

Add data source

Retriever settings

Retriever	Native Retriever	Retriever ID	c33f1374-b05c-47bf-9371-6b2b246a32eb	Storage used	2.31 KiB	Index status	Active
Index ID	Oead34a6-b582-40cf-8648-7ab1017110f0	Document count	1	Last modified time	Apr 14, 2024, 9:27 PM GMT+8	Index provisioning	1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

AWS Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Applications > test-application-1 > Add data source

Add data source

Data sources (1) Info
Select the data source that you want to configure. You can configure up to 5 data sources per application.

Most popular

- Amazon S3** Cloud 1 added ✓ [+](#)
- Web crawler** [+](#) ←
- Upload files** [+](#)

All [Cloud](#) [On-prem](#)

Search

- Adobe Experience Manager** Cloud On-prem [+](#)
- Alfresco** Cloud On-prem [+](#)
- Amazon FSx (Windows)** Cloud [+](#)
- Amazon RDS (MySQL)** Cloud [+](#)
- Amazon RDS (Microsoft SQL Server)** Cloud [+](#)
- Amazon RDS (Oracle)** Cloud [+](#)

acer-q-business X Hot Chicken Takeover - Wikipedia X Food truck - Wikipedia X Amazon Q | us-east-1 X + Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Applications > test-application-1 > Add data source

Web crawler



Web crawler Info

Provide details to connect Amazon Q Business to your web crawler data source.

Name and description

Data source name

For easy identification please ensure the data source name is unique within the index.

my-data-source

Description

This text is viewed only by AWS Enterprise Q administrators and can be edited later.

My data source connector for my documents

Source Info

Choose one of the following:

Source URLs

Add up to 10 starting point URLs of the websites you want to

Source sitemaps

Add up to 3 sitemap URLs of the websites that you want to

acer-q-business X Hot Chicken Takeover - Wikipedia X Food truck - Wikipedia X Amazon Q | us-east-1 X + Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Applications > test-application-1 > Add data source

Web crawler



Web crawler Info

Provide details to connect Amazon Q Business to your web crawler data source.

Name and description

Data source name

For easy identification please ensure the data source name is unique within the index.

data-source-web-1

Description

This text is viewed only by AWS Enterprise Q administrators and can be edited later.

My data source connector for my documents

Source Info

Choose one of the following:

Source URLs

Add up to 10 starting point URLs of the websites you want to

Source sitemaps

Add up to 3 sitemap URLs of the websites that you want to

acer-q-business X W Hot Chicken Takeover - Wikipedia X W Food truck - Wikipedia X Amazon Q | us-east-1 X + Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Source Info

Choose one of the following:

Source URLs
Add up to 10 starting point URLs of the websites you want to crawl.

Source sitemaps
Add up to 3 sitemap URLs of the websites that you want to crawl.

Source URLs file
Add up to 100 starting point URLs listed in a text file in S3. Include each URL on a separate line in the text file.

Source sitemap URLs file
Add up to 3 sitemap XML files that are stored in S3.

Add multiple domain/subdomain URLs.

The URLs must all share the same authentication, or you can choose no authentication. If authentication is different for each URL, create a new connector instance.

Source URLs

https://en.wikipedia.org/wiki/Food_truck [Remove](#)

https://en.wikipedia.org/wiki/Hot_Chicken_Takeover [Remove](#)

[Add Source URLs](#)

You can add 8 more URLs.

Authentication Info

Select the type of authentication to apply to all of the source URLs or to the source URLs file that you added above.

← → C https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

AWS Services Search [Option+S] N. Virginia ▾ WSParticipantRole/Participant @ 1515-6952-7622 ▾

IAM role Info

ⓘ IAM roles used for applications can't be used for data sources. If you are unsure if an existing role is used for an application, choose "Create a new role" to avoid an error.

IAM role
Amazon Q Business requires an IAM role to access repository credentials and application content.

Create a new service role (Recommended)

🔍 | Create a new service role (Recommended) ✓

Enter a custom IAM role ARN

Use an existing service role

- AWSServiceRoleForAmazonEKS
- AWSServiceRoleForAmazonEKSNodegroup
- AWSServiceRoleForAmazonElasticsearchService
- AWSServiceRoleForAPIGateway
- AWSServiceRoleForApplicationAutoScaling_AppStreamFleet
- AWSServiceRoleForApplicationAutoScaling_DynamoDBTable
- AWSServiceRoleForApplicationAutoScaling_EC2SpotFleetRequest
- AWSServiceRoleForApplicationAutoScaling_ECSService
- AWSServiceRoleForApplicationAutoScaling_RDSCluster
- AWSServiceRoleForAppSync
- AWSServiceRoleForAuditManager
- AWSServiceRoleForAutoScaling

← → ⌂ https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] 🔍 🔔 ⓘ N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

IAM role [Info](#)

ⓘ IAM roles used for applications can't be used for data sources. If you are unsure if an existing role is used for an application, choose "Create a new role" to avoid an error.

IAM role

Amazon Q Business requires an IAM role to access repository credentials and application content.

Create a new service role (Recommended) ▾

Role name

The role name uses the prefix 'QBusiness-DataSource-'. The created role will only work for this data source and its specific configuration.

QBusiness-DataSource-fhwbb

Sync scope [Info](#)

Sync domain range [Info](#)

The website domains you added to **Source** are synced by default.

Sync domains only

Sync the website domains only

Sync domains with subdomains only

Sync the website domains with subdomains only.

Sync everything

Sync the website domains with subdomains and other domains the web pages link to.

Additional configuration - optional [Info](#)

All content will be indexed by default. However, you can also limit the scope with these additional options.

▶ Scope settings

Set limits for crawling web pages including their file sizes and links, choose to respect robots.txt directives, and filter URLs using regex patterns.

▶ Include files that web pages link to

acer-q-business X Hot Chicken Takeover - Wikipedia X Food truck - Wikipedia X Amazon Q | us-east-1 X + Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Sync scope Info

Sync domain range Info

The website domains you added to **Source** are synced by default.

Sync domains only
Sync the website domains only

Sync domains with subdomains only
Sync the website domains with subdomains only.

Sync everything
Sync the website domains with subdomains and other domains the web pages link to.

Additional configuration - *optional* Info

All content will be indexed by default. However, you can also limit the scope with these additional options.

► **Scope settings** 
Set limits for crawling web pages including their file sizes and links, choose to respect robots.txt directives, and filter URLs using regex patterns.

► **Include files that web pages link to**
Select the checkbox to sync files that link to web pages

► **Crawl URL Patterns**
Add regular expression patterns to include or exclude certain URLs to crawl. You can add up to 100 patterns.

► **URL Pattern to Index**
Add regular expression patterns to include or exclude certain URLs to index. You can add up to 100 patterns.

Sync mode Info

Choose how you want to update your application when your data source content changes.

Full sync
Sync and application all contents in all entities, regardless of the previous sync status.

New, modified, or deleted content sync
Only sync new, modified, or deleted content.



← → ⌂ https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] 🔍 🔔 ⓘ N. Virginia ▾ WSParticipantRole/Participant @ 1515-6952-7622 ▾

Additional configuration - optional ⓘ

All content will be indexed by default. However, you can also limit the scope with these additional options.

▼ **Scope settings**

Set limits for crawling web pages including their file sizes and links, choose to respect robots.txt directives, and filter URLs using regex patterns.

Crawl depth

The number of levels from the seed URL that Amazon Q Business should crawl.

1 Level

Minimum value of 1. Maximum value of 10.

Maximum file size

The maximum web page or attachment size to crawl. Files larger than this value are skipped when crawling.

50 MB

Minimum 0.000001 MB (1 byte). Maximum 50 MB.

Maximum links per page

The maximum number of links crawled per page. Links are crawled in order of appearance

100 Links/Pages

Minimum 1 link per page. Maximum 1,000 links per page.

Maximum throttling

The maximum number of URLs crawled per host name per minute

250 URLs/host name/minute

Minimum 1 URL per hostname per minute. Maximum 300 URLs per hostname per minute.

▶ **Include files that web pages link to**

Select the checkbox to sync files that link to web pages

▶ **Crawl URL Patterns**

Add regular expression patterns to include or exclude certain URLs to crawl. You can add up to 100 patterns.

▶ **URL Pattern to Index**

Add regular expression patterns to include or exclude certain URLs to index. You can add up to 100 patterns.

← → ⌂ https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] 🔍 🔔 ⓘ N. Virginia ▾ WSParticipantRole/Participant @ 1515-6952-7622 ▾

Additional configuration - optional ⓘ

All content will be indexed by default. However, you can also limit the scope with these additional options.

▼ **Scope settings**

Set limits for crawling web pages including their file sizes and links, choose to respect robots.txt directives, and filter URLs using regex patterns.

Crawl depth

The number of levels from the seed URL that Amazon Q Business should crawl.

1 Level

Minimum value of 1. Maximum value of 10.

Maximum file size

The maximum web page or attachment size to crawl. Files larger than this value are skipped when crawling.

50 MB

Minimum 0.000001 MB (1 byte). Maximum 50 MB.

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Maximum throttling

The maximum number of URLs crawled per host name per minute

250 URLs/host name/minute

Minimum 1 URL per hostname per minute. Maximum 300 URLs per hostname per minute.

▶ **Include files that web pages link to**

Select the checkbox to sync files that link to web pages

▶ **Crawl URL Patterns**

Add regular expression patterns to include or exclude certain URLs to crawl. You can add up to 100 patterns.

▶ **URL Pattern to Index**

Add regular expression patterns to include or exclude certain URLs to index. You can add up to 100 patterns.



Sync mode Info

Choose how you want to update your application when your data source content changes.

Full sync

Sync and application all contents in all entities, regardless of the previous sync status.

New, modified, or deleted content sync

Only sync new, modified, or deleted content.



Sync run schedule Info

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Choose an option

Run on demand

Hourly

Daily

Weekly

Monthly

Custom

Search and filter your resources or track your AWS costs.

Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Web Pages (2/4)

Add field



Sync mode [Info](#)

Choose how you want to update your application when your data source content changes.

Full sync

Sync and application all contents in all entities, regardless of the previous sync status.

New, modified, or deleted content sync

Only sync new, modified, or deleted content.

Sync run schedule [Info](#)

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Run on demand



 This data source will not be synced until you choose "sync now" in the Data sources section.

► Tags - optional (0) [Info](#)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings [Info](#)

 Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

← → ⌂ https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] N. Virginia ▾ WSParticipantRole/Participant @ 1515-6952-7622 ▾

▶ Tags - optional (0) [Info](#)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Field mappings [Info](#)

Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

▼ Web Pages (2/4)

Add field

Search data source field names < 1 >

WebCrawler field name	Index field name	Description	Data type
<input checked="" type="checkbox"/> category	_category	Default	String
<input checked="" type="checkbox"/> sourceUrl	_source_uri	Default	String
<input type="checkbox"/> title	wc_title	Custom	String
<input type="checkbox"/> htmlSize	wc_html_size	Custom	Long (numeric)

▶ Attachments (2/5)

Back Add data source

← → C https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd ☆

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622 ▾

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Field mappings Info

Modifying field mapping and adding custom fields will be available after application and retriever creation. You can access field mapping by editing the data source.

Web Pages (2/4)

Add field

WebCrawler field name	Index field name	Description	Data type
<input checked="" type="checkbox"/> category	_category	Default	String
<input checked="" type="checkbox"/> sourceUrl	_source_uri	Default	String
<input type="checkbox"/> title	wc_title	Custom	String
<input type="checkbox"/> htmlSize	wc_html_size	Custom	Long (numeric)

Attachments (2/5)

Back Add data source

Propagating IAM role.
This will take 30 seconds, please remain on the page.

Acer-q-business

Amazon Q | us-east-1

Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

You successfully created the following data source: 'data-source-web-1'.

Amazon Q Business > Applications > test-application-1 > data-source-web-1

data-source-web-1 Info Sync now sync Actions

Data source details

Name data-source-web-1	Status Active	Last sync status -
Description -	Type WEBCRAWLER	Last sync time -
Data source ID aa23eea3-1f54-4f81-8dc0-ecb1711ac573	IAM role ARN arn:aws:iam::151569527622:role/service-role/QBusiness-DataSource-fhwbb	Current sync state Idle

Sync history Settings Tags

Sync run history (0)

< 1 > |

Status / Summary Start time End time Total items scanned Added Deleted Modified Failed Details

This data source has not been synced

Sync started successfully at Apr 14, 2024, 10:22 PM GMT+8.
Amazon Q Business is syncing the following data source: 'data-source-web-1'. It can take from a few minutes to a few hours. Sync speeds are limited by factors such as remote repository throughput and throttling, network bandwidth, and the size of documents.

You successfully created the following data source: 'data-source-web-1'.

Amazon Q Business > Applications > test-application-1 > data-source-web-1

data-source-web-1 Info

Sync now Stop sync Actions ▾

Data source details

Name data-source-web-1	Status Active	Last sync status -
Description -	Type WEBCRAWLER	Last sync time -
Data source ID aa23eea3-1f54-4f81-8dc0-ecb1711ac573	IAM role ARN arn:aws:iam::151569527622:role/service-role/QBusiness-DataSource-fhwbb	Current sync state . Syncing - crawling Syncing - indexing

Sync history Settings Tags

Sync run history (1)

< 1 > | Settings

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

You successfully synced the following data source: 'data-source-web-1', at start time Apr 14, 2024, 10:22 PM GMT+8.

You successfully created the following data source: 'data-source-web-1'.

Amazon Q Business > Applications > test-application-1 > data-source-web-1

data-source-web-1 Info Sync now Stop sync Actions ▾

Data source details

Name data-source-web-1	Status Active	Last sync status Successful - service is operating normally
Description -	Type WEBCRAWLER	Last sync time Apr 14, 2024, 10:22 PM GMT+8
Data source ID aa23eea3-1f54-4f81-8dc0-ecb1711ac573	IAM role ARN arn:aws:iam::151569527622:role/service-role/QBusiness-DataSource-fhwbb	Current sync state Idle

Sync history Settings Tags

Sync run history (1)

< 1 > | |

Status / Summary	Start time	End time	Total items scanned	Added	Deleted	Modified	Failed
------------------	------------	----------	---------------------	-------	---------	----------	--------

acer-q-business X Amazon Q | us-east-1 X + Private browsing

https://catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/40-role-play-scenarios/10-travel-and-hospitality

aws workshop studio michael_tw_lin

Prepare the Environment

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Amazon S3

Optional - Web Crawler

Optional - Zendesk

Optional - ServiceNow

Role-Play Scenarios

Travel and Hospitality

Prepare Scenario

Connect Web Crawler

Ask Questions

Adjust Guardrails

Ask More Questions

► Global Financial Services

► Optional - Explore Capabilities

Deploy the Application

AWS account access

Open AWS console (us-east-1)

Get AWS CLI credentials

Event ends in 2 days 17 hours 12 minutes.

Let's enter the following prompts and observe what happens:

1. What is Chicken Pow Pow?

Notice that Amazon Q cites each source, with superscript number and full reference, so that we can be sure what we see is accurate. Each assertion has source citation.

What is Chicken Pow Pow?

Q

Chicken Pow Pow is an award-winning recipe marinated with a blend of parmesan, garlic and other ingredients. Customers are delighted by the Chicken Pow Pow offered at Alice and Bob's last restaurant, and they will build a full menu around this recipe. ¹

Sources ^

1 pow-pow-foods.pdf ↗
https://amazon-q-workshop-20240128.s3.amazonaws.com/pow-pow-foods.pdf

Enter a prompt

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications

Services Search [Option+S]

N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business Applications

Applications Documentation

How it works

- Create generative AI application
- Enhance application - optional
- Customize web experience
- Deploy web experience

Find applications by name

Name	Application...	Retriever	Creation time	Web experi...	Deployed UR...
test-application-1	Created suc...	Native Retriever	Apr 14, 2024, ...	Not deployed	-

Actions Preview web experience Deploy web experience Create application

1

Red arrow pointing to the 'test-application-1' row.

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications

test-application-1

Enhancements

- Admin controls and guardrails
- Plugins
- Document enrichments

Documentation

test-application-1

Amazon Q Business > Applications > test-application-1

How it works

Create generative AI application

Name your application, select a retriever, and configure data sources.

Created successfully

Enhance application - optional

Select an application to add plugins, configure admin controls, and define topic guardrails.

Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.

Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Preview web experience

Not deployed

Application settings

Application name	Application ID	Subtitle	Application status
test-application-1	3791e75d-935a-41e6-a14c-db6383d16fdb	-	Created successfully
Service access	Title	KMS encryption key	
arn:aws:iam::151569527622:role/service-role/QBusiness-Application-ic3r3	-	Amazon Q Business owned key	

Edit

Info Delete

Preview web experience

Not deployed

Edit

A screenshot of the Amazon Q | us-east-1 console showing the preview of a test application.

The page title is "Amazon Q | us-east-1". The URL is <https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd>.

The top navigation bar includes "Services", "Search", "[Option+S]", and "N. Virginia". A sidebar on the right shows "WSParticipantRole/Participant @ 1515-6952-7622".

The main content area displays the preview of "test-application-1". A blue banner at the top states: "The preview of a web experience has limited functionality. View documentation [to learn more.](#)" with a close button "X".

The application interface includes a "New Conversation" button, a sidebar with a speech bubble icon, and a main content area with the heading "Amazon Q Business" and a welcome message: "I'm your AI assistant. Enter a prompt to start a conversation. I'll respond using data from within your organization."

The right sidebar, titled "Customize web experience", contains fields for "Title" (Amazon Q Business), "Subtitle" (Your generative AI assistant for work), and "Welcome message" (I'm your AI assistant. Enter a prompt to start a conversation. I'll respond using data from within your organization.). It also includes a "Boost" section with an up/down arrow icon, a checkbox for "Display sample prompts" (unchecked), and "Cancel" and "Save" buttons. A red arrow points to the "Save" button.

acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Previewing test-application-1 ► Preview chat as User Id

The preview of a web experience has limited functionality. View documentation to learn more.

New Conversation X

Amazon Q Business

Your generative AI assistant for work

I'm your AI assistant. Enter a prompt to start a conversation. I'll respond using data from within your organization.

Saved conversations appear here.
Each one is stored for thirty days.

New Conversation X

Amazon Q Business

Your generative AI assistant for work



I'm your AI assistant. Enter a prompt to start a conversation. I'll respond using data from within your organization.

Saved conversations appear here.
Each one is stored for thirty days.



What is Chicken Pow Pow?





What is Chicken Pow Pow?

April 14, 2024

What is Chicken Pow Pow?

Chicken Pow Pow is a signature recipe and the featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning recipe where chicken is marinated with a blend of parmesan, garlic and other ingredients.  Alice and Bob have created a themed menu that includes Chicken Pow Pow Sliders, Chicken Pow Pow Tenders, and Seasoned Fries, which can be eaten at their restaurant or ordered for takeout and delivery. They have also created Chicken Pow Pow Sauce that customers can purchase to take home. 





≡Q New Conversation XQ What is Chicken Pow Pow?April 14, 2024What is Chicken Pow Pow?Q

Chicken Pow Pow is a signature recipe and the featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning recipe where chicken is marinated with a blend of parmesan, garlic and other ingredients. 1 Alice and Bob have created a themed menu that includes Chicken Pow Pow Sliders, Chicken Pow Pow Tenders, and Seasoned Fries, which can be eaten at their restaurant or ordered for takeout and delivery. They have also created Chicken Pow Pow Sauce that customers can purchase to take home. 1

Sources ^

1 w-foods.pdf ↗
https://amazon-q-workshop-151569527622.s3.amazonaws.com/pow-pow-foods.pdf

Enter a prompt ↑ ▶

acer-q-business

Amazon Q | us-east-1

Private browsing

https://catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/40-role-play-scenarios/10-travel-and-hospitality

michael_tw_lin

aws workshop studio

Prepare the Environment

Getting Started

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Optional - Zendesk

Optional - ServiceNow

Role-Play Scenarios

Travel and Hospitality

Prepare Scenario

Connect Web Crawler

Ask Questions

Adjust Guardrails

Ask More Questions

► Global Financial Services

► Optional - Explore Capabilities

Deploy the Application

AWS account access

Open AWS console
(us-east-1)

Get AWS CLI credentials

Event ends in 2 days 17 hours 9 minutes.

Enter a prompt

Amazon Q - Preview uses generative AI and it may give inaccurate or inappropriate responses. For more information: [AWS Responsible AI Policy](#)

2. What business is Alice and Bob creating?

3. Where will Alice and Bob start their new restaurant?

4. What's Hot Chicken Takeover, and how does it compare with Chicken Pow Pow?

5. How many people live in the Columbus, Ohio metropolitan area?

6. How many people live in Chicago, Illinois?

How many people live in the Columbus, Ohio metropolitan area?

The population of Columbus, Ohio metropolitan area is 2,138,926 according to the 2020 census data. The Columbus metropolitan area encompasses ten counties in central Ohio. [1](#)

Sources

Columbus, Ohio - Wikipedia https://en.wikipedia.org/wiki/Columbus,_Ohio

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

New Conversation X

What is Chicken Pow Pow?

April 14, 2024

What is Chicken Pow Pow?

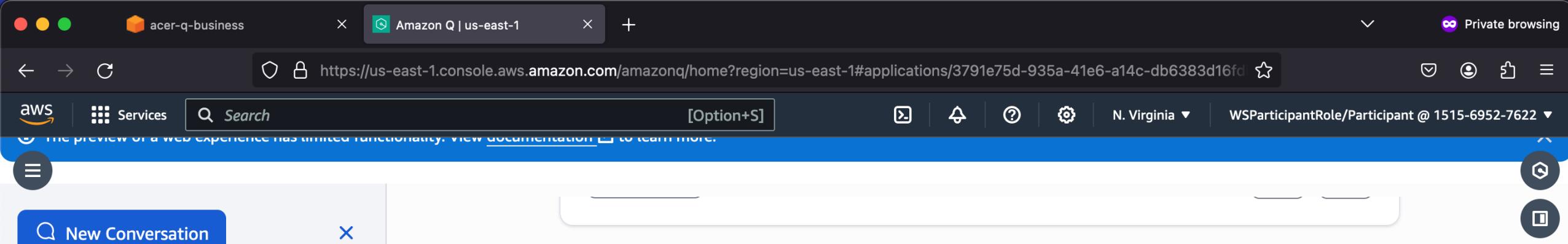
Chicken Pow Pow is a signature recipe and the featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning recipe where chicken is marinated with a blend of parmesan, garlic and other ingredients. 1 Alice and Bob have created a themed menu that includes Chicken Pow Pow Sliders, Chicken Pow Pow Tenders, and Seasoned Fries, which can be eaten at their restaurant or ordered for takeout and delivery. They have also created Chicken Pow Pow Sauce that customers can purchase to take home. 1

Sources ^

1 w-foods.pdf ↗
<https://amazon-q-workshop-151569527622.s3.amazonaws.com/pow-pow-foods.pdf>

Submit ↵Enter

What's Hot Chicken Takeover, and how does it compare with Chicken Pow Pow? X



New Conversation

What is Chicken Pow Pow?

April 14, 2024

What's Hot Chicken Takeover, and how does it compare with Chicken Pow Pow?

Hot Chicken Takeover is an American fast casual fried chicken restaurant chain in Columbus, Ohio that specializes in Nashville hot chicken. [1](#) It was founded in April 2014 by Joe DeLoss after he was introduced to Nashville hot chicken in 2013. [1](#) The restaurant chain has received recognition for its mission to provide job opportunities to individuals who are not otherwise able to find work, such as formerly incarcerated people. [1](#)

Chicken Pow Pow is a signature recipe and featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning chicken marinated with parmesan, garlic and other ingredients. Alice and Bob have created a themed menu and sauce around this recipe. [2](#)

The two restaurant concepts differ in that Hot Chicken Takeover specializes in Nashville hot chicken, while Chicken Pow Pow is Alice and Bob's signature chicken recipe and menu items. [1](#) [2](#)

Sources



Enter a prompt



New Conversation

What is Chicken Pow Pow?

April 14, 2024

Hot Chicken Takeover is an American fast casual fried chicken restaurant chain in Columbus, Ohio that specializes in Nashville hot chicken. [1](#) It was founded in April 2014 by Joe DeLoss after he was introduced to Nashville hot chicken in 2013. [1](#) The restaurant chain has received recognition for its mission to provide job opportunities to individuals who are not otherwise able to find work, such as formerly incarcerated people. [1](#)

Chicken Pow Pow is a signature recipe and featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning chicken marinated with parmesan, garlic and other ingredients. Alice and Bob have created a themed menu and sauce around this recipe. [2](#)

The two restaurant concepts differ in that Hot Chicken Takeover specializes in Nashville hot chicken, while Chicken Pow Pow is Alice and Bob's signature chicken recipe and menu items. [1](#) [2](#)

Sources ^

[1](#) [Hot Chicken Takeover - Wikipedia](#) ↗
https://en.wikipedia.org/wiki/Hot_Chicken_Takeover

[2](#) [w-foods.pdf](#) ↗
<https://amazon-q-workshop-151569527622.s3.amazonaws.com/pow-pow-foods.pdf>

 Enter a prompt 

The preview of a web experience has limited functionality. [View documentation](#) to learn more.

New Conversation 

What is Chicken Pow Pow?
April 14, 2024

Hot Chicken Takeover is an American fast casual fried chicken restaurant chain in Columbus, Ohio that specializes in Nashville hot chicken. [1](#) It was founded in April 2014 by Joe DeLoss after he was introduced to Nashville hot chicken in 2013. [1](#) The restaurant chain has received recognition for its mission to provide job opportunities to individuals who are not otherwise able to find work, such as formerly incarcerated people. [1](#)

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The two restaurant concepts differ in that Hot Chicken Takeover specializes in Nashville hot chicken, while Chicken Pow Pow is Alice and Bob's signature chicken recipe and menu items. [1](#) [2](#)

Sources 

[1](#) [Hot Chicken Takeover - Wikipedia](#) 
https://en.wikipedia.org/wiki/Hot_Chicken_Takeover

[2](#) [w-foods.pdf](#) 
<https://amazon-q-workshop-151569527622.s3.amazonaws.com/pow-pow-foods.pdf>

 How many people live in Chicago, Illinois? 

☰New ConversationX

Q What is Chicken Pow Pow?

April 14, 2024

such as formerly incarcerated people. [1](#)

Chicken Pow Pow is a signature recipe and featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning chicken marinated with parmesan, garlic and other ingredients. Alice and Bob have created a themed menu and sauce around this recipe. [2](#)

The two restaurant concepts differ in that Hot Chicken Takeover specializes in Nashville hot chicken, while Chicken Pow Pow is Alice and Bob's signature chicken recipe and menu items. [1](#) [2](#)

Sources ▾

 How many people live in Chicago, Illinois?

 Sorry, I could not find relevant information to complete your request.

No sources

Enter a prompt

acer-q-business

Amazon Q | us-east-1

Private browsing

https://catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/40-role-play-scenarios/10-travel-and-hospitality/40

michael_tw_lin

aws workshop studio

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Amazon S3

Optional - Web Crawler

Optional - Zendesk

Optional - ServiceNow

Role-Play Scenarios

Travel and Hospitality

Prepare Scenario

Connect Web Crawler

Ask Questions

Adjust Guardrails

Ask More Questions

► Global Financial Services

► Optional - Explore Capabilities

Deploy the Application

AWS account access

Open AWS console
(us-east-1)

Get AWS CLI credentials

Event ends in 2 days 17 hours 7 minutes.

Adjust Guardrails

Next, we'll adjust the guardrails so that Amazon Q has access to more knowledge.

Admin controls and guardrails

1. Using the left side navigation, return to **test-application-1**.
2. In the left menu, under **Enhancements**, choose **Admin controls and guardrails**.
3. In the **Global controls** card, choose **Edit**.

Global controls Info

Only produce responses from retrieval augmented generation (RAG) **Status** Active

► **Blocked words (0)**

Messaging shown for blocked words **Allow end users to upload files in chat content**

Edit

1. Unselect **Only produce responses from retrieval augmented generation (RAG)**.
2. At the bottom of the page, click **Save**.

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications

How it works

- Create generative AI application**
Name your application, select a retriever, and configure data sources.
- Enhance application - optional**
Select an application to add plugins, configure admin controls, and define topic guardrails.
- Customize web experience**
Preview and customize the end-user web experience to verify readiness to deploy.
- Deploy web experience**
Configure access controls by defining an identity provider and share the URL with your team.

Applications (1)

Actions ▾ Preview web experience Deploy web experience Create application

Find applications by name

Name	Application...	Retriever	Creation time	Web experi...	Deployed UR...
test-application-1	Created suc...	Native Retriever	Apr 14, 2024, ...	Not deployed	-

Created suc...

Native Retriever

Apr 14, 2024, ...

Not deployed

-

Red arrow pointing to the 'test-application-1' row in the table.

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications

test-application-1

Enhancements

- Admin controls and guardrails
- Plugins
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How it works

Create generative AI application

Name your application, select a retriever, and configure data sources.

Created successfully

Enhance application - optional

Select an application to add plugins, configure admin controls, and define topic guardrails.

Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.

Preview web experience

Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Not deployed

Application settings

Application name	Application ID	Subtitle	Application status
test-application-1	3791e75d-935a-41e6-a14c-db6383d16fdb	Your generative AI assistant for work	Created successfully
Service access	Title	KMS encryption key	
arn:aws:iam::151569527622:role/service-role/QBusiness-Application-ic3r3	Amazon Q Business	Amazon Q Business owned key	

Edit Delete

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

AWS Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business

Applications test-application-1

Enhancements

- Admin controls and guardrails
- Plugins
- Document enrichments

Documentation

Admin controls and guardrails

How it works



Global controls

Global controls apply application-wide, to all conversations end users have. You can block words and configure response settings.



Topic specific controls

Topic specific controls apply when the topic is triggered in conversation. You can define rules for how to handle a topic specific control. You can create up to 10 topic specific controls

Global controls

By default, an Amazon Q Business application generates responses from your connected data sources only.

Allow Amazon Q Business to use its LLM knowledge to generate responses when it can't find responses from your connected data sources

Off

Blocked words (0)

Messaging shown for blocked words

Status
Active

Allow end users to upload files in chat content

On

Edit

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business > Applications > test-application-1 > Admin controls and guardrails > Update global controls

Admin controls and guardrails Info

Application guardrails Info

Application guardrails will apply to all messages returned by Amazon Q Business

Response settings Info

By default, an Amazon Q Business application generates responses from your connected data sources only.

Allow Amazon Q Business to use its LLM knowledge to generate responses when it can't find responses from your connected data sources

If you choose to activate this admin control, and haven't given your end users the option to choose how their responses are generated, your application will default to producing responses using the LLM when it can't find information in your data sources.



Blocked words Info

Define blocked words for the application. The application will not respond to questions that contain these words or mention them in any responses.

Enter blocked words Add

You can block 20 more words.

Messaging shown for blocked words

I cannot complete this request as the response contains content that is blocked by your Admin. Please contact your Admin for help.

Valid characters are a-z, A-Z, 0-9, _ (underscore) and - (hyphen). This response can have up to 350 characters.

Feature settings Info

Configure features the end users have access to in the web experience.

Allow end users to upload files in chat content

This feature enables end users to upload files directly to chat in order to ask questions specific to the document

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Successfully updated global controls

Amazon Q Business > Applications > test-application-1 > Admin controls and guardrails

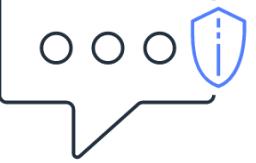
Admin controls and guardrails Info

▼ How it works



Global controls

Global controls apply application-wide, to all conversations end users have. You can block words and configure response settings.



Topic specific controls

Topic specific controls apply when the topic is triggered in conversation. You can define rules for how to handle a topic specific control. You can create up to 10 topic specific controls

Global controls Info

By default, an Amazon Q Business application generates responses from your connected data sources only.

Allow Amazon Q Business to use its LLM knowledge to generate responses when it can't find responses from your connected data sources

On

▶ Blocked words (0)

Messaging shown for blocked words

Status Active

Edit

Acer-q-business

Amazon Q | us-east-1

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

Amazon Q Business Applications test-application-1 Edit Delete

Successfully updated global controls

Amazon Q Business > Applications > test-application-1

test-application-1 Info

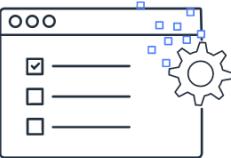
▼ How it works



Create generative AI application

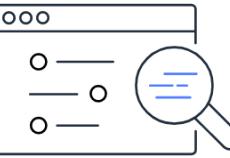
Name your application, select a retriever, and configure data sources.

Created successfully



Enhance application - optional

Select an application to add plugins, configure admin controls, and define topic guardrails.



Customize web experience

Preview and customize the end-user web experience to verify readiness to deploy.



Deploy web experience

Configure access controls by defining an identity provider and share the URL with your team.

Preview web experience Not deployed

Application settings

Application name	Application ID	Subtitle	Application status
test-application-1	3791e75d-935a-41e6-a14c-db6383d16fdb	Your generative AI assistant for work	Created successfully
Service access	KMS encryption key	Edit	

acer-q-business X Amazon Q | us-east-1 X Private browsing

https://us-east-1.console.aws.amazon.com/amazonq/home?region=us-east-1#applications/3791e75d-935a-41e6-a14c-db6383d16fd

aws Services Search [Option+S] N. Virginia WSParticipantRole/Participant @ 1515-6952-7622

The preview of a web experience has limited functionality. [View documentation](#) to learn more.

New Conversation

What is Chicken Pow Pow?

April 14, 2024

such as formerly incarcerated people. [1](#)

Chicken Pow Pow is a signature recipe and featured item on the menu at Alice and Bob's restaurants. It is described as an award-winning chicken marinated with parmesan, garlic and other ingredients. Alice and Bob have created a themed menu and sauce around this recipe. [2](#)

The two restaurant concepts differ in that Hot Chicken Takeover specializes in Nashville hot chicken, while Chicken Pow Pow is Alice and Bob's signature chicken recipe and menu items. [1](#) [2](#)

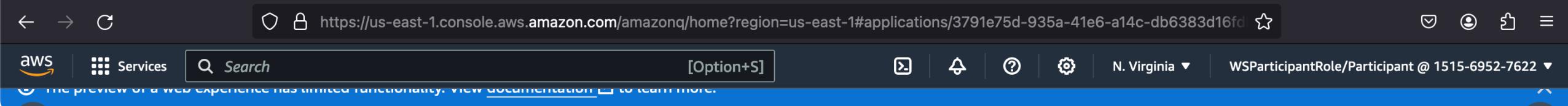
Sources ▾

How many people live in Chicago, Illinois?

Sorry, I could not find relevant information to complete your request.

How many people live in Chicago, Illinois?

Up Arrow Blue Arrow



How many people live in Chicago, Illinois?

Sorry, I could not find relevant information to complete your request.

How many people live in Chicago, Illinois?

Based on my knowledge, around 2.7 million people live in Chicago, Illinois. Chicago is the third most populous city in the United States.

No sources

Enter a prompt



Chicago

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From Wikipedia, the free encyclopedia

For the band, see [Chicago \(band\)](#). For other uses, see [Chicago \(disambiguation\)](#).

Chicago^[a] is the most populous city in the U.S. state of Illinois and in the Midwestern United States. With a population of 2,746,388 in the 2020 census,^[8] it is the third-most populous city in the United States after New York City and Los Angeles. As the seat of Cook County, the second-most populous county in the U.S., Chicago is the center of the Chicago metropolitan area, often colloquially called "Chicagoland" and home to 9.6 million residents.

Located on the shore of Lake Michigan, Chicago was incorporated as a city in 1837 near a portage between the Great Lakes and the Mississippi River watershed. It grew rapidly in the mid-19th century.^{[9][10]} In 1871, the Great Chicago Fire destroyed several square miles and left more than 100,000 homeless,^[11] but Chicago's population continued to grow.^[10] Chicago made noted contributions to urban planning and architecture, such as the Chicago School, the development of the City Beautiful Movement, and the steel-framed skyscraper.^{[12][13]}

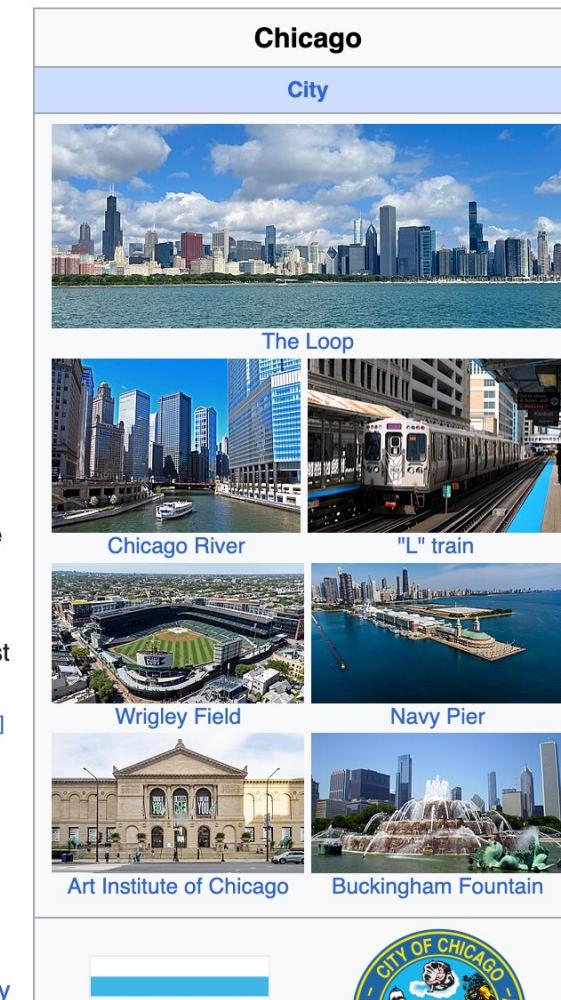
Chicago is an international hub for finance, culture, commerce, industry, education, technology, telecommunications, and transportation. It has the largest and most diverse derivatives market in the world, generating 20% of all volume in commodities and financial futures alone.^[14] O'Hare International Airport is routinely ranked among the world's top six busiest airports by passenger traffic,^[15] and the region is also the nation's railroad hub.^[16] The Chicago area has one of the highest gross domestic products (GDP) of any urban region in the world, generating \$689 billion in 2018.^[17] Chicago's economy is diverse, with no single industry employing more than 14% of the workforce.^[14]

Chicago is a major destination for tourism, including visitors to its cultural institutions, and Lake Michigan beaches. Chicago's culture has contributed much to the visual arts, literature, film, theater, comedy (especially improvisational comedy), food, dance, and music (particularly jazz, blues, soul, hip-hop, gospel,^[18] and electronic dance music, including house music). Chicago is home to the Chicago Symphony Orchestra and the Lyric Opera of Chicago, while the Art Institute of Chicago provides an influential visual arts museum and art school. The Chicago area also hosts the University

文 A 226 languages ▾

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Coordinates: 41°52'55"N 87°37'40"W



Thank you!

Michael Lin

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