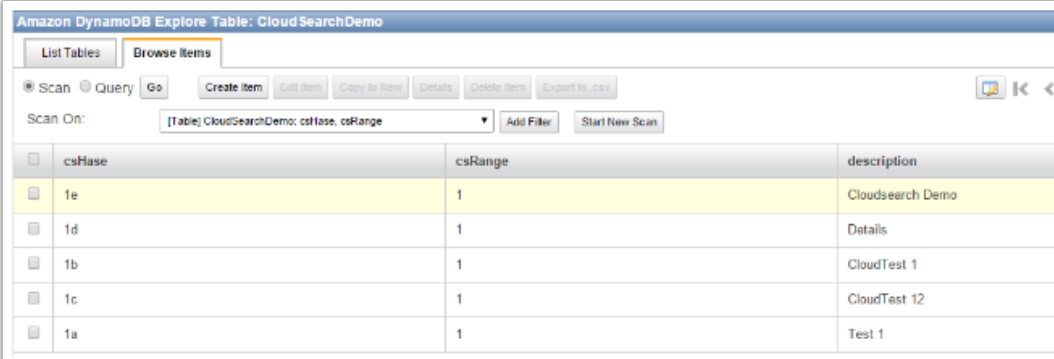


Cloudsearch Demo

Setup Dynamo DB table

Setup a dynamo table with the following Data



Amazon DynamoDB Explore Table: CloudSearchDemo

Buttons: List Tables, Browse Items, Scan, Query, Go, Create Item, Edit Item, Copy to New, Details, Delete Item, Export to .csv

Scan On: [Table] CloudSearchDemo: csHase, csRange Add Filter Start New Scan

	csHase	csRange	description
<input checked="" type="checkbox"/>	1e	1	Cloudsearch Demo
<input checked="" type="checkbox"/>	1d	1	Details
<input checked="" type="checkbox"/>	1b	1	CloudTest 1
<input checked="" type="checkbox"/>	1c	1	CloudTest 12
<input checked="" type="checkbox"/>	1a	1	Test 1

Create Cloudsearch domain

Click Create A New Domain



Cloudsearch Demo

Configure domain

Enter a search domain

Click Continue

Create New Search Domain

NAME YOUR DOMAIN

CONFIGURE INDEX

REVIEW INDEX CONFIGURATION

SETUP ACCESS POLICIES

CONFIRM

Enter a name for your search domain. The name must start with a letter or number and be at least 3 and no more than 28 characters long. The allowed characters are: a-z, 0-9, and - (hyphen). For example, `domain-f`.

Search Domain Name:

angularcsdemo

Invalid domain name. Specify a domain name using the following characters: a-z (lower case letters), 0-9, and - (hyphen).

Prepare your domain for a large volume of data or traffic.

If you have a large amount of data to upload or anticipate a large volume of search requests, you can preconfigure your domain with additional resources. Set the desired instance type based on the volume of your data. Set the replication count based on the volume of traffic you expect. CloudSearch will still automatically scale your domain up and down based on the volume of data and traffic, but not below the desired instance type and replication count.

Desired Instance Type:

Use default

Desired Replication Count:

Use default

Desired Partition Count:

Use default

Cancel

Continue

More config

Select radio button Analyze sample item(s) from DynamoDB

Cloudsearch Demo

Select the dynamoDB table you setup

Click Continue

Create New Search Domain

NAME YOUR DOMAIN CONFIGURE INDEX REVIEW INDEX CONFIGURATION SETUP ACCESS POLICIES CONFIRM

How do you want to configure your index fields?

☐ Analyze sample file(s) from my local machine

☐ Analyze sample object(s) from Amazon S3

☒ Analyze sample item(s) from Amazon DynamoDB

Select the DynamoDB table that contains your data. To start reading from a particular item, specify a start key. To limit the read capacity units used while reading from the table, specify the maximum Read Capacity Units %. A maximum of 5 MB of data can be read from the table. If you need to specify a larger data set, use the command line tools. This data is used for configuration only. These documents will not be indexed. Once the domain is created, you can upload documents for indexing.

DynamoDB Table: CloudSearchDemo

Read Capacity Units %: 20 Read capacity units configured for table: 1

Start Hash Key: 1e

Start Range Key: 1

☐ Use a predefined configuration

☐ Manual configuration

[Back](#) [Cancel](#) [Continue](#)

more config 2

Click Continue

Create New Search Domain

NAME YOUR DOMAIN

CONFIGURE INDEX

REVIEW INDEX CONFIGURATION

SETUP ACCESS POLICIES

CONFIRM

The suggested index configuration is shown below. You can edit these fields or add additional fields. Click **Continue** when you are finished making changes.

Suggested Index Field Configuration

Re-configure Index

Name ⓘ	Type ⓘ	Search ⓘ	Facet ⓘ	Return ⓘ	Sort ⓘ	Highlight ⓘ	Analysis Scheme ⓘ	Default Value ⓘ	Source Field ⓘ	Remove ⓘ
cshase	text	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	English		[add]	<input checked="" type="checkbox"/>
csrange	int	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				[add]	<input checked="" type="checkbox"/>
description	text	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	English		[add]	<input checked="" type="checkbox"/>

Add Index Field

Back

Cancel

Continue

Cloudsearch Demo

more config 3

Click Allow open Access

Click continue

Create New Search Domain

NAME YOUR DOMAIN

CONFIGURE INDEX

REVIEW INDEX CONFIGURATION

SETUP ACCESS POLICIES

CONFIRM

To authorize or block IP addresses, add one or more access policy rules. You can always access all services through the console, regardless of the rules defined here.

Set my policy to:

- Search and Suggester service: Allow all. Document Service: Account owner only.
- Allow open access to all services (not recommended because anyone can upload documents)**
- Allow access to all services from specific IP(s)
- Deny access to all services (except through the console or by account owner)

Current Policy:

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Effect": "Allow",  
6       "Principal": {  
7         "AWS": [  
8           "*" ]  
9       }  
10    },  
11    "Action": [  
12      "cloudsearch:*"  
13    ]  
14  } ]  
15 }  
16 }
```

[Back](#)[Cancel](#)[Continue](#)

Cloudsearch Demo

confirm

Click confirm

Create New Search Domain

NAME YOUR DOMAIN

CONFIGURE INDEX

REVIEW INDEX CONFIGURATION

SETUP ACCESS POLICIES

CONFIRM

Review the information below, then click **Confirm**.

Search Domain Name	angularcsdemo	Edit Domain Name
Scaling Options	Desired Instance Type: , Desired Replication Count: 0, Desired Partition Count: 0	Edit Scaling Options
Index Fields	3 index fields: <ul style="list-style-type: none">cshasecsrangedescription	Edit Index Fields
Access Policies	Allow all services for everyone	Edit Access Policies

[Back](#)[Cancel](#)[Confirm](#)

Cloudsearch Demo

wait until Domain is active

angularcsdemo Dashboard

Upload Documents

Delete this Domain

Domain Status for angularcsdemo

angularcsdemo is: **LOADING**

Your domain is being initialized, which takes approximately 10 minutes. You cannot upload documents or search until initialization completes. The domain status will change to ACTIVE as soon as your domain is ready to use.

[Learn more](#) about making documents searchable using Amazon CloudSearch

Refresh

Add Suggester

Click Add Suggester

Suggesters for Domain angularcsdemo

Suggestions are based on the contents of a particular text field. When you request suggestions for a search string, the string is used as a prefix. Amazon CloudSearch searches the text field for the prefix and returns a list of matching documents. Click **Add Suggester** to define a new suggester. Click **Edit** to update an existing suggester.

Suggesters

You have no suggesters.

Add Suggester

Refresh

Config Suggester

Enter a suggester name

Cloudsearch Demo

Select a source field

click create

New Suggester

Enter a name for the suggester in the **Name** field and select the text field you want to use for suggestions from the **Source Field** list. To include fuzzy matches in the list, specify a **Fuzzy Matching** value. To control how suggestions are sorted in the results, specify a **Sort Expression**.

***Name:**

***Source Field:**

Fuzzy Matching:

Sort Expression:

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

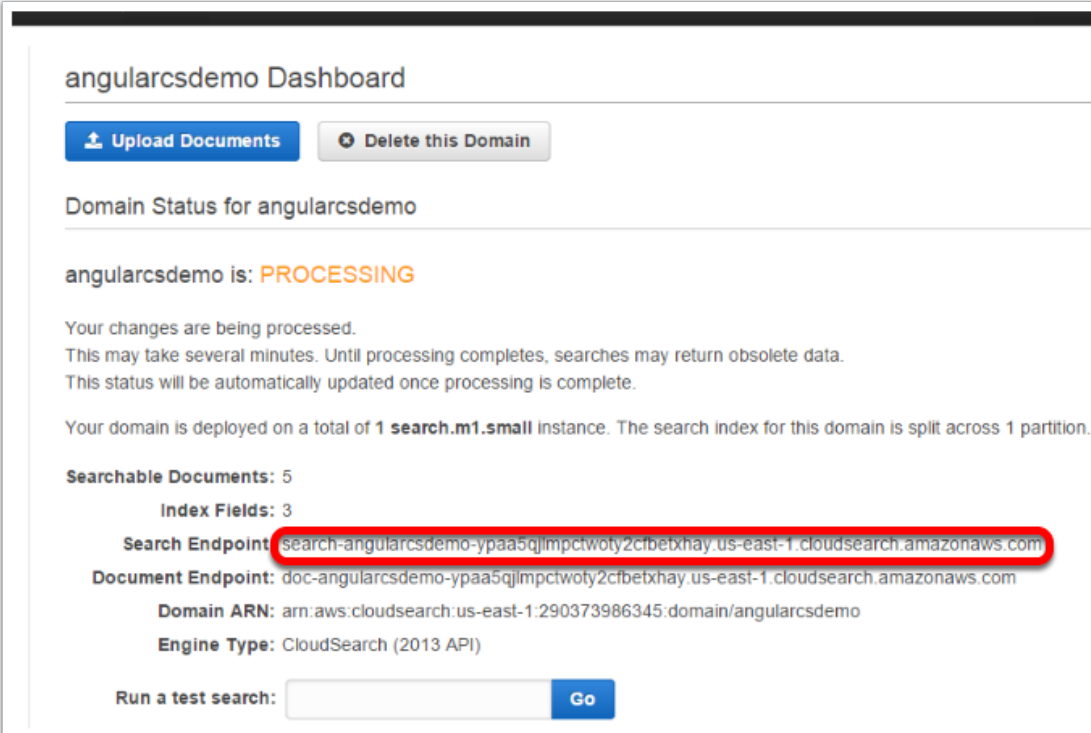
fix

Reimport data, update suggester, and reindex. Cloudsearch is brutally slow to update these items. This will take up to an hour to finish.

Cloudsearch Demo

Update search endpoint

Update `scope.cloudSearchDomain` in `app.js` to the search endpoint for the domain



The screenshot shows the 'angularcsdemo Dashboard' with two buttons at the top: 'Upload Documents' and 'Delete this Domain'. Below this is the 'Domain Status for angularcsdemo' section. It states that 'angularcsdemo is: PROCESSING' in orange text. A message follows: 'Your changes are being processed. This may take several minutes. Until processing completes, searches may return obsolete data. This status will be automatically updated once processing is complete.' Below this, it says 'Your domain is deployed on a total of 1 search.m1.small instance. The search index for this domain is split across 1 partition.' The dashboard then lists several metrics: 'Searchable Documents: 5', 'Index Fields: 3', 'Search Endpoint: search-angularcsdemo-ypaa5qjimpctwoty2cfbtxhay.us-east-1.cloudsearch.amazonaws.com' (highlighted with a red box), 'Document Endpoint: doc-angularcsdemo-ypaa5qjimpctwoty2cfbtxhay.us-east-1.cloudsearch.amazonaws.com', 'Domain ARN: arn:aws:cloudsearch:us-east-1:290373986345:domain/angularcsdemo', and 'Engine Type: CloudSearch (2013 API)'. At the bottom, there is a 'Run a test search:' label, an input field, and a 'Go' button.

angularcsdemo Dashboard

[Upload Documents](#) [Delete this Domain](#)

Domain Status for angularcsdemo

angularcsdemo is: **PROCESSING**

Your changes are being processed.
This may take several minutes. Until processing completes, searches may return obsolete data.
This status will be automatically updated once processing is complete.

Your domain is deployed on a total of 1 **search.m1.small** instance. The search index for this domain is split across 1 partition.

Searchable Documents: 5
Index Fields: 3
Search Endpoint: search-angularcsdemo-ypaa5qjimpctwoty2cfbtxhay.us-east-1.cloudsearch.amazonaws.com
Document Endpoint: doc-angularcsdemo-ypaa5qjimpctwoty2cfbtxhay.us-east-1.cloudsearch.amazonaws.com
Domain ARN: arn:aws:cloudsearch:us-east-1:290373986345:domain/angularcsdemo
Engine Type: CloudSearch (2013 API)

Run a test search: [Go](#)

Cloudsearch Demo

Run it

Type in a search term, hit enter on selected item and details are loaded below input field

Asynchronous results

Model: "Cloud"

Cloud

Cloudsearch Demo

CloudTest 1

CloudTest 12