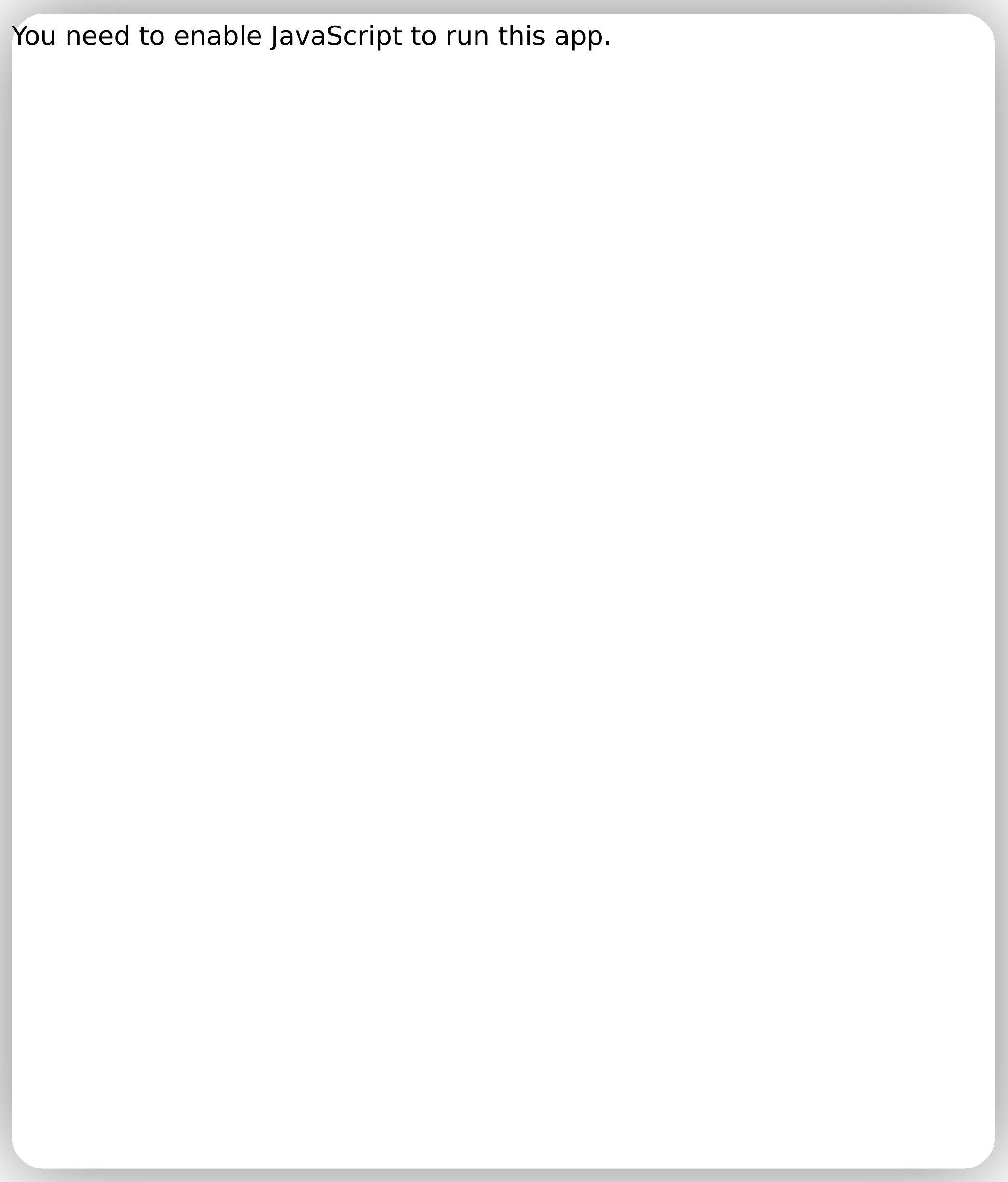
Overview

Casibase is an open-source Domain Knowledge Database & IM & Forum Software powered by ChatGPT.


You need to enable JavaScript to run this app.

Casibase features

1. With a separate front-end and back-end architecture developed in Golang, Casibase supports high concurrency, provides web-based management UI and supports multiple languages (Chinese, English).

2. Casibase supports third-party application login, such as GitHub, Google, QQ, WeChat, etc., and supports the extension of third-party login with plugins.

3. Based on embedding and prompt engineering for knowledge management, Casibase supports customized embedding methods and language models.

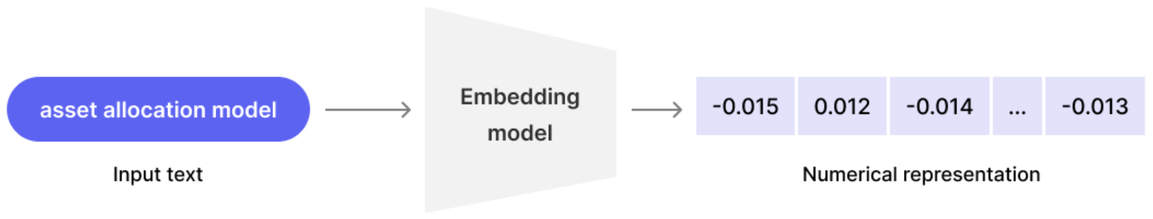
4. Casibase supports integration with existing systems by db sync, so users can transition to Casibase smoothly.

5. Casibase supports mainstream databases: MySQL, PostgreSQL, SQL Server, etc., and supports the extension of new databases with plugins.

How it works

Step 0 (Pre-knowledge)

Casibase's knowledge retrieval process is based on embedding and prompt engineering, so it is highly recommended that you take a brief look at how embedding works. An introduction to Embedding.



Step 1 (Importing Knowledge)

To get started with Casibase, users need to follow these steps to import knowledge and create a domain-specific knowledge database:

1. **Configure Storage:** In the Casibase dashboard, users should first configure the storage settings. This involves specifying the storage system to be used for storing knowledge-related files, such as documents, images, or any other relevant data. Users can choose from a variety of storage options based on their preferences and requirements.

2. **Upload Files to Storage:** Once the storage is set up, users can proceed to upload files containing domain-specific knowledge into the configured storage system. These files can be in various formats, such as text documents, images, or structured data files like CSV or JSON.

3. **Select Embedding Method for Knowledge Generation:** After the files are uploaded, users have the option to choose the embedding method for generating knowledge and corresponding vectors. Embeddings are numerical representations of textual or visual content, which facilitate efficient similarity search and data analysis.

TIP

How knowledge is embedded?

- For textual data: Users can choose from various embedding methods, such as Word2Vec, GloVe, or BERT, to convert the textual knowledge into meaningful vectors.
- For visual data: If the uploaded files contain images or visual content, users can select image embedding techniques like CNN-based feature extraction to create representative vectors.
- More methods coming soon...

By following these steps, users can populate their domain knowledge database with relevant information and corresponding embeddings, which will be used for effective searching, clustering, and retrieval of knowledge within Casibase. The embedding process allows the system to understand the context and relationships between different pieces of knowledge, enabling more efficient and insightful knowledge management and exploration.

Step 2 (Retrieving Knowledge)

After importing your `domain knowledge`, Casibase transforms it into `vectors` and stores these vectors in a `vector database`. This vector representation enables powerful functions like `similarity search` and `efficient retrieval of related information`. You can quickly find relevant data based on context or content, enabling advanced querying and uncovering valuable insights within your domain knowledge.

Step 3 (Building the Prompt)

Casibase performs a similarity search on the stored knowledge vectors to find the closest match to the user's query. Using the search results, it creates a `prompt template` to frame a specific question for the `language model`. This ensures accurate and contextually relevant responses, delivering comprehensive answers based on the domain knowledge in Casibase.

Step 4 (Achieving the Goal)

At this stage, using Casibase, you have successfully acquired the knowledge you sought. Through the innovative combination of domain knowledge transformed into vectors and powerful language models like ChatGPT, Casibase provides you with accurate and relevant responses to your inquiries. This enables you to efficiently access and utilize the domain-specific information stored in Casibase, meeting your knowledge requirements with ease.

Step 5 (Optional Fine-tuning)

If you find that the results are not entirely satisfactory, you can try to get better results by doing the following:

- Tweaking Language Model Parameters
- Asking multiple questions
- Optimizing the original files

By utilizing these fine-tuning options, you can improve the efficiency of your knowledge management in Casibase, ensure that the system is better aligned with your goals, and provide more accurate and insightful information.

HINTS

Other ways to optimize results (may require source code changes):

- Updating `Embedding` Results: Refine the knowledge representation by adjusting the embedding results of your domain knowledge.
- Modifying `Prompt` Templates: By customizing the prompts, you can elicit more precise responses from the language model.
- Exploring Different `Language Models`: Experiment with different models to find the one that best suits your requirements for generating responses.

Online demo

Read-only site (any modification operation will fail)

- Chat bot (https://ai.casibase.com)
- Admin UI (https://ai-admin.casibase.com)

Writable site (original data will be restored for every 5 minutes)

- Chat bot (https://demo.casibase.com)
- Admin UI (https://demo-admin.casibase.com)

Global admin login:

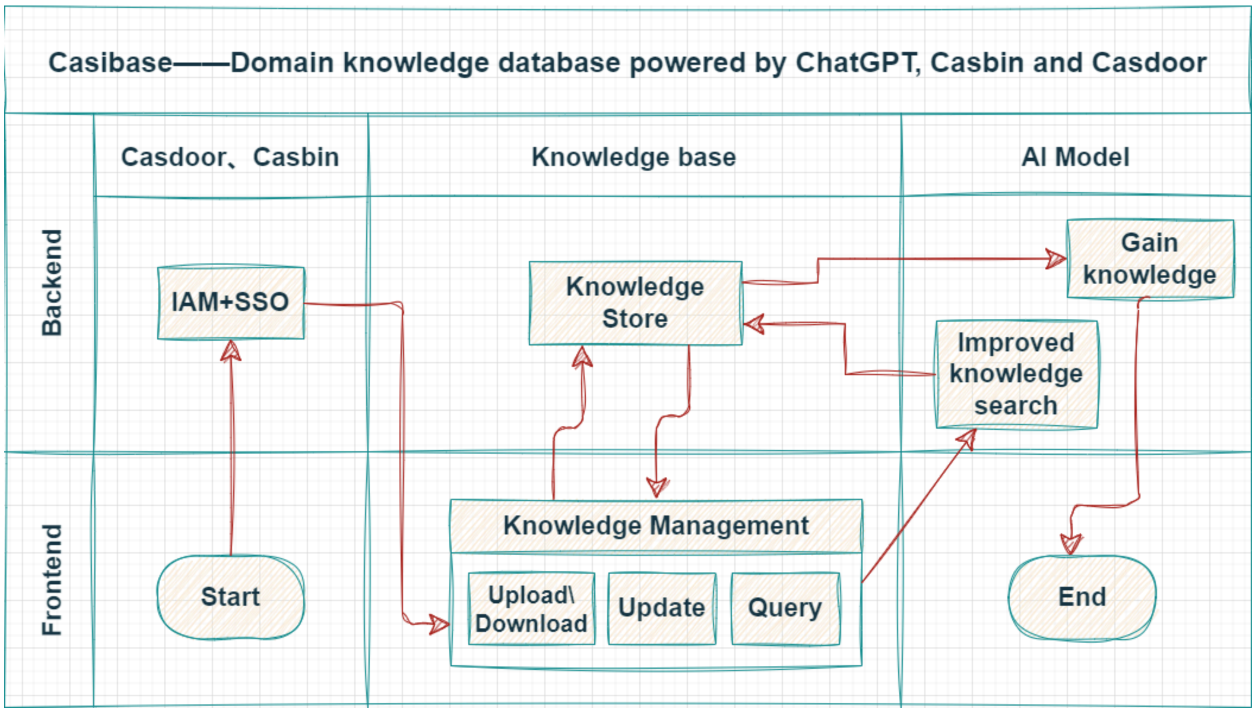
- Username: `admin`

- Password: `123`

Architecture

Casibase contains 2 parts:

Name	Description	Language	Source code
Frontend	User interface for the casibase application	JavaScript + React	https://github.com/casibase/casibase/tree/master/web
Backend	Server-side logic and API for casibase	Golang + Beego + MySQL	https://github.com/casibase/casibase



Supported Models

Language Model

Model	Sub Type	Link
OpenAI	gpt-4-32k-0613�gpt-4-32k-0314�gpt-4-32k�gpt-4-0613�gpt-4-0314�gpt-4�gpt-3.5-turbo-0613�gpt-3.5-turbo-0301�gpt-3.5-turbo-16k�gpt-3.5-turbo-16k-0613�gpt-3.5-turbo�text-davinci-003�text-davinci-002�text-curie-001�text-babbage-001�text-ada-001�text-davinci-001�davinci-instruct-beta�davinci�curie-instruct-beta�curie�ada�babbage	OpenAI
Hugging Face	meta-llama/Llama-2-7b, tiiuae/falcon-180B, bigscience/bloom, gpt2, baichuan-inc/Baichuan2-13B-Chat, THUDM/chatglm2-6b	Hugging Face
Claude	claude-2, claude-v1, claude-v1-100k, claude-instant-v1, claude-instant-v1-100k, claude-v1.3, claude-v1.3-100k, claude-v1.2, claude-v1.0, claude-instant-v1.1, claude-instant-v1.1-100k, claude-instant-v1.0	Claude
OpenRouter	google/palm-2-codechat-bison, google/palm-2-chat-bison, openai/gpt-3.5-turbo, openai/gpt-3.5-turbo-16k, openai/gpt-4,	OpenRouter

Model	Sub Type	Link
	openai/gpt-4-32k, anthropic/claude-2, anthropic/claude-instant-v1, meta-llama/llama-2-13b-chat, meta-llama/llama-2-70b-chat, palm-2-codechat-bison, palm-2-chat-bison, gpt-3.5-turbo, gpt-3.5-turbo-16k, gpt-4, gpt-4-32k, claude-2, claude-instant-v1, llama-2-13b-chat, llama-2-70b-chat	
Ernie	ERNIE-Bot, ERNIE-Bot-turbo, BLOOMZ-7B, Llama-2	Ernie
iFlytek	spark-v1.5, spark-v2.0	iFlytek
ChatGLM	chatglm2-6b	ChatGLM
MiniMax	abab5-chat	MiniMax
Local	custom-model	Local Computer

Embedding Model

Model	Sub Type	Link
OpenAI	AdaSimilarity, BabbageSimilarity, CurieSimilarity, DavinciSimilarity, AdaSearchDocument, AdaSearchQuery, BabbageSearchDocument, BabbageSearchQuery, CurieSearchDocument, CurieSearchQuery, DavinciSearchDocument,	OpenAI

Model	Sub Type	Link
	DavinciSearchQuery, AdaCodeSearchCode, AdaCodeSearchText, BabbageCodeSearchCode, BabbageCodeSearchText, AdaEmbeddingV2	
Hugging Face	sentence-transformers/all-MiniLM-L6-v2	Hugging Face
Cohere	embed-english-v2.0, embed-english-light-v2.0, embed-multilingual-v2.0	Cohere
Ernie	default	Ernie
Local	custom-embedding	Local Computer

Core Concepts

As Casibase's user, you should get familiar with at least 4 core concepts: `Provider`, `Storage`, `Chat` and `Vector`.

Providers

Providers are the backbone of Casibase, offering essential services and integration with external systems. The Provider class definition is shown as follows:

```
type Provider struct {
    Owner       string `xorm:"varchar(100) notnull pk" json:"owner"`
    Name        string `xorm:"varchar(100) notnull pk" json:"name"`
    CreatedTime string `xorm:"varchar(100)" json:"createdTime"`

    DisplayName  string `xorm:"varchar(100)" json:"displayName"`
    Category     string `xorm:"varchar(100)" json:"category"`
    Type         string `xorm:"varchar(100)" json:"type"`
    ClientId     string `xorm:"varchar(100)" json:"clientId"`
    ClientSecret string `xorm:"varchar(2000)" json:"clientSecret"`
    ProviderUrl  string `xorm:"varchar(200)" json:"providerUrl"`
}
```

TIP

There are two primary types of providers in Casibase:

- **Storage Providers.** The Storage Providers facilitates the storage and retrieval of data within Casibase. It supports various storage options, including:

    - AWS
    - Azure
    - Local File System

- **AI Providers.** The AI Providers are responsible for handling AI-related tasks and services in Casibase. It supports multiple AI models and technologies, including:

    - OpenAI
    - ChatGLM
    - InternLM

Vectors

Vectors in Casibase represent numerical representations of different types of data. These vectors enable efficient processing and analysis of information. Some of the vector types available are:

- Text Vector
- Image Vector
- ... (other vector types)

The Vector class definition is shown as follows:

```
type Vector struct {
    Owner       string    `xorm:"varchar(100) notnull pk"
```

Chats

Chats are at the core of interactive communication between users and the AI models in Casibase. They consist of three essential components:

- Question: The user's input or query, seeking information or assistance.
- Query Prompt: A formatted version of the user's question, prepared for processing by the AI models.
- Answer: The AI-generated response to the user's question, providing relevant information or solutions.

The Chat class definition is shown as follows:

```
type Chat struct {
    Owner        string   `xorm:"varchar(100) notnull pk"
json:"owner"`
    Name         string   `xorm:"varchar(100) notnull pk"
json:"name"`
    CreatedTime  string   `xorm:"varchar(100)" json:"createdTime"`
    UpdatedTime  string   `xorm:"varchar(100)" json:"updatedTime"`

    DisplayName  string   `xorm:"varchar(100)" json:"displayName"`
    Category     string   `xorm:"varchar(100)" json:"category"`
    Type         string   `xorm:"varchar(100)" json:"type"`
    User1        string   `xorm:"varchar(100)" json:"user1"`
    User2        string   `xorm:"varchar(100)" json:"user2"`
    Users        []string `xorm:"varchar(100)" json:"users"`
    MessageCount int      `json:"messageCount"`
}
```

Embedding

Embedding is the process of transforming various types of data, such as text and images, into dense vector representations. This step is crucial for facilitating efficient data processing and analysis within Casibase.

TIP

- By embedding, the questions in chat and the knowledge files in storage will be turned into vectors and used in the next step of knowledge search.
- Casibase's default embedding method is provided by OpenAI at a rate of up to three calls per minute. We recommend minimizing coupling between knowledge files to facilitate embedding and further processing.

Server Installation

Requirements

OS

All major operating systems including Windows, Linux and macOS are supported.

Environment

- Go 1.20+
- Node.js LTS (18)
- Yarn 1.x

INFO

The use of Casibase is divided into two steps:

- step1: Deploy and run Casdoor
- step2: Deploy and run Casibase (this docs)

We strongly suggest you use Yarn 1.x to run & build Casdoor&Casibase frontend, using NPM might cause UI styling issues, see more details at: casdoor#294

CAUTION

For **Chinese** users, in order to download the Go dependency packages successfully, you need to use a Go proxy by Configuring the GOPROXY environment variable. We strongly recommend: https://goproxy.cn/

Database

Casibase uses XORM to talk to the database. Based on Xorm Drivers Support, Casibase currently provides support for the following databases:

- `MySQL`
- `MariaDB`
- `PostgreSQL`
- `CockroachDB`
- `SQL Server`
- `Oracle`
- `SQLite 3`
- `TiDB`

Download

The source code of Casibase is hosted at GitHub: https://github.com/casibase/casibase. Both the Go backend code and React frontend code are inside the single repository.

Name	Description	Language	Source code
Frontend	Web frontend UI for Casibase	JavaScript + React	https://github.com/casibase/casibase/tree/master/web
Backend	RESTful API backend for	Golang + Beego +	https://github.com/casibase/casibase

Name	Description	Language	Source code
	Casibase	XORM	

Casibase supports `Go Modules`. To download the code, you can just simply clone the code via git:

```
cd path/to/folder
git clone https://github.com/casibase/casibase
```

Configuration

Configure Casdoor

Please refer to Casdoor-SSO section to configure Casdoor.

Remember your `clientId`,`clientSecret`,`organization`,`application` and so on in Casdoor configuration, we will use them later.

Configure Database

Casibase supports mysql, mssql, sqlite3, postgres. Casibase uses mysql by default.

MySQL

Casibase will store its users, nodes and topics information in a MySQL database named: `casibase`. If the database does not exist, it needs to be created manually. The DB connection string can be specified at: https://github.com/casibase/

casibase/blob/master/conf/app.conf

```
driverName = mysql
dataSourceName = root:123456@tcp(localhost:3306)/
dbName = casibase
```

PostgreSQL

Since we must choose a database when opening Postgres with xorm, you should prepare a database manually before running Casibase.

Let's assume that you have already prepared a database called `casibase`, then you should specify `app.conf` like this:

```
driverName = postgres
dataSourceName = "user=postgres password=postgres host=localhost
port=5432 sslmode=disable dbname=casibase"
dbName =
```

INFO

For PostgreSQL, make sure `dataSourceName` has non-empty `dbName` and leave the standalone `dbName` field empty like the above example.

CockroachDB

You can also use Cockroachdb with postgres driver. It has same configuration as postgreSQL.

```
driverName = postgres
dataSourceName = "user=postgres password=postgres host=localhost
port=5432 sslmode=disable dbname=casibase
```

INFO

For CockroachDB, don't forget to add `serial_normalization=virtual_sequence` to the `dataSourceName` like the above example. otherwise you will get error regarding existed database, whenever the service starts or restarts. Notice, this must be added before the database created.

Sqlite3

You should specify `app.conf` like this:

```
driverName = sqlite
dataSourceName = "file:casibase.db?cache=shared"
dbName = casibase
```

Custom configuration

Casibase supports custom configuration, you can modify the configuration file `conf/app.conf` to change the configuration.

- Backend (conf/app.conf)

```
casdoorEndpoint = <Your Casdoor endpoint>
clientId = <Your Casdoor application's client ID>
clientSecret = <Your Casdoor application's client secret>
casdoorOrganization = <Your Casdoor organization name>
casdoorApplication = <Your Casdoor application name>
```

- Frontend (web/src/Conf.js)

```
serverUrl: "<Your Casdoor endpoint>"
clientId: "<Your Casdoor application's client ID>"
appName: "<Your Casdoor application name>"
organizationName: "<Your Casdoor organization name>"
```

Run

There are currently two methods to start, you can choose one according to your own situation.

> ⚠ CAUTION
>
> **Casibase** requires **Casdoor** to provide access control and some back-end services, so you must make sure **Casdoor** is running properly before running **Casibase.**
>
> How to install and run Casdoor:
>
> - Casdoor Installation

Development mode

Backend

Casibase's Go backend runs at port 14000 by default. You can start the Go backend with the following command:

```
go run main.go
```

After the server is successfully running, we can start the frontend part.

Frontend

Casibase's frontend is a very classic Create-React-App (CRA) project. It runs at port `13001` by default. Use the following commands to run the frontend:

```
cd web
yarn install
yarn start
```

Production mode

Backend

Build Casibase Go backend code into executable and start it.

For Linux:

```
go build
./casibase
```

For Windows:

```
go build
casibase.exe
```

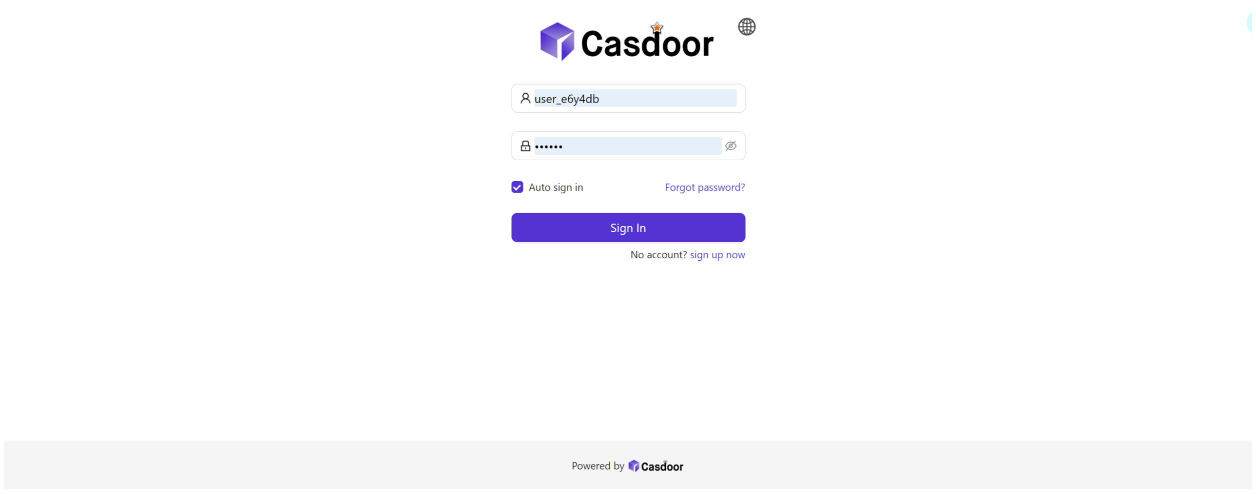
Frontend

Build Casibase frontend code into static resources (.html, .js, .css files):

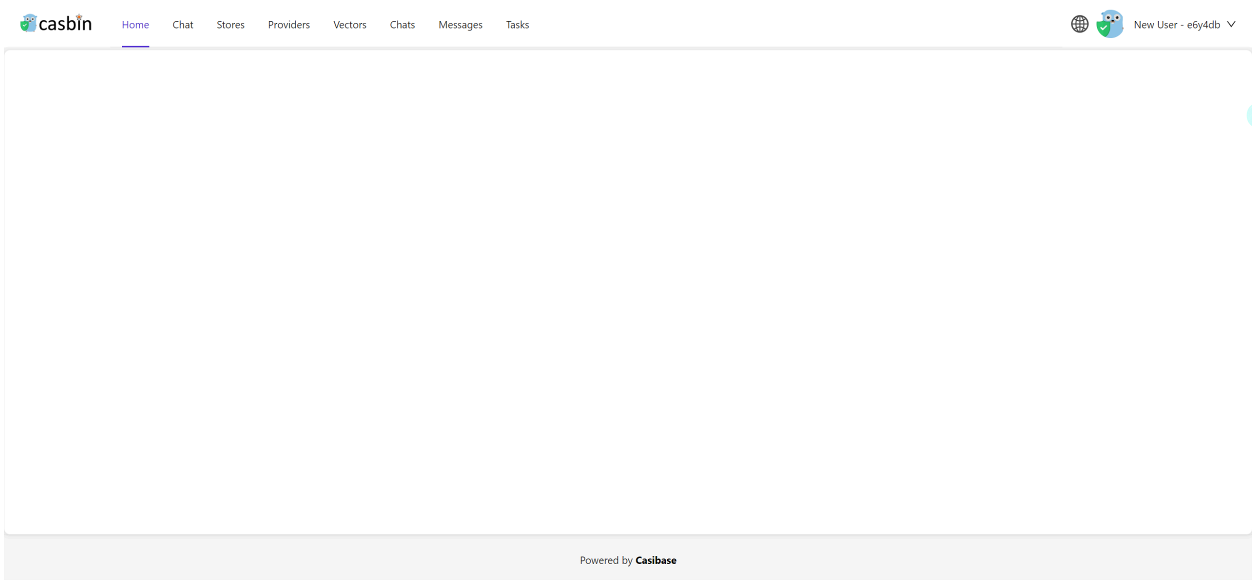
```
cd web
```

Preview

Visit: `http://localhost:13001` in your browser. Login into Casibase dashboard with the user account you have just registered in Casdoor:



Then you will go to the home page of Casibase:



TIP

To use another port, please edit `conf/app.conf` and modify `httpport`, then restart the Go backend.

(Optional) Try with Docker

Requirements

Hardware

If you want to build the Docker image yourself, please ensure that your machine has at least **2GB** of memory. Casibase's frontend is an NPM project of React. Building the frontend requires at least **2GB** of memory. Having less than **2GB** of memory may result in a frontend build failure.

If you only need to run the pre-built image, please ensure that your machine has at least **100MB** of memory.

OS

All operating systems (Linux, Windows, and macOS) are supported.

Docker

You can use **Docker (docker-engine version >= 17.05)** in Linux or **Docker Desktop** in Windows and macOS.

- Docker

Regardless of the operating system, users must ensure that they have **docker-engine version >= 17.05**. This is because we utilize the multi-stage build feature in the docker-compose.yml, which is supported in versions 17.05 and above. For more information, see https://docs.docker.com/develop/develop-images/multistage-build/.

If you use docker-compose, please ensure you have **docker-compose version >= 2.2**. For Linux users, note that docker-compose needs to be installed separately from docker-engine.

Get the image

We have provided two DockerHub images:

Name	Description	Suggestion
casibase-all-in-one	Both Casibase and a MySQL database are included in the image	This image already includes a toy database and is only for testing purposes
casibase	Only Casibase is included in the image	This image can be connected to your own database and used in production

1. casbin/casibase-all-in-one: This image includes the casibase binary, a MySQL database, and all the necessary configurations. It is designed for new users who want to try Casibase quickly. With this image, you can start Casibase immediately with just one or two commands, without any complex configuration. However, please note that we **do not recommend** using this image in a production environment.

Option-1: Use the toy database

Run the container with port `14000` exposed to the host. The image will be automatically pulled if it doesn't exist on the local host.

```
docker run -p 14000:14000 casbin/casibase-all-in-one
```

Visit http://localhost:14000 in your browser. Log into the Casibase dashboard with the default global admin account: `built-in/admin`

```
admin
123
```

Option-2: Try with docker-compose

Create a `conf/app.conf` directory in the same directory level as the `docker-compose.yml` file. Then, copy app.conf from Casibase. For more details about `app.conf`, you can see Via Ini file.

Create a separate database using docker-compose:

```
docker-compose up
```

That's it! 🛩️

Visit http://localhost:14000 in your browser. Log into the Casibase dashboard with the default global admin account: `built-in/admin`

```
admin
123
```

Note: If you dig deeper into the docker-compose.yml file, you may be puzzled by the environment variable we created called "RUNNING_IN_DOCKER". When the database 'db' is created via docker-compose, it is available on your PC's localhost but not the localhost of the Casibase container. To prevent you from running into *troubles caused by modifying app.conf, which can be quite difficult for a new user, we provided this environment variable and pre-assigned it in the docker-compose.yml. When this environment variable is set to true, localhost will be replaced with host.docker.internal so that Casibase can access the database.*

Option-3: Try directly with the standard image

TIP

If it is not convenient to mount the configuration file to a container, using environment variables is also a possible solution.

example

```
docker run \
  -e driverName=mysql \
  -e dataSourceName='user:password@tcp(x.x.x.x:3306)/' \
  -p 14000:14000 \
  casbin/casibase:latest
```

Create `conf/app.conf`. You can copy it from conf/app.conf in Casibase. For more details about `app.conf`, you can see Via Ini file.

Then run

```
docker run  -p 14000:14000 -v /folder/of/app.conf:/conf casbin/
casibase:latest
```

Anyway, just **mount the app.conf to /conf/app.conf** and start the container.

Visit http://localhost:14000 in your browser. Log into the Casibase dashboard with the default global admin account: `built-in/admin`

```
admin
123
```

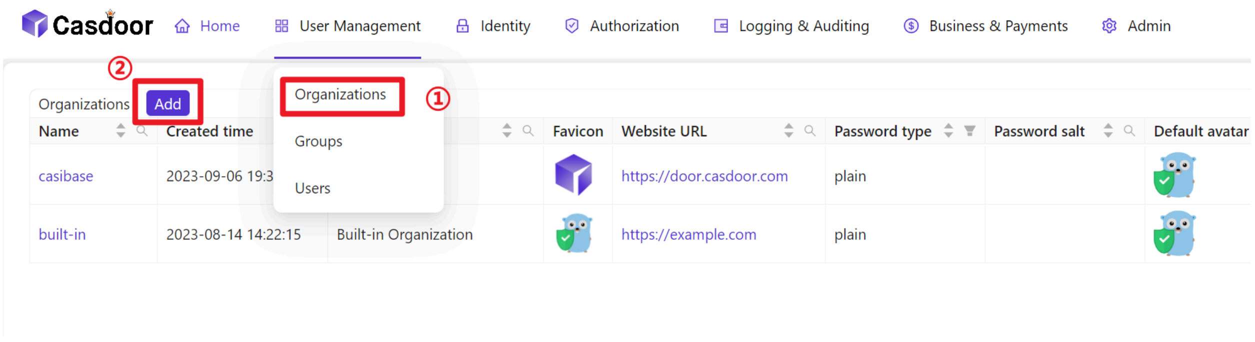
Casdoor-SSO

Casibase uses Casdoor as its identity and single-sign-on (SSO) provider. Make sure to deploy it in advance.

Please refer to Casdoor Server Installation to install and configure Casdoor.

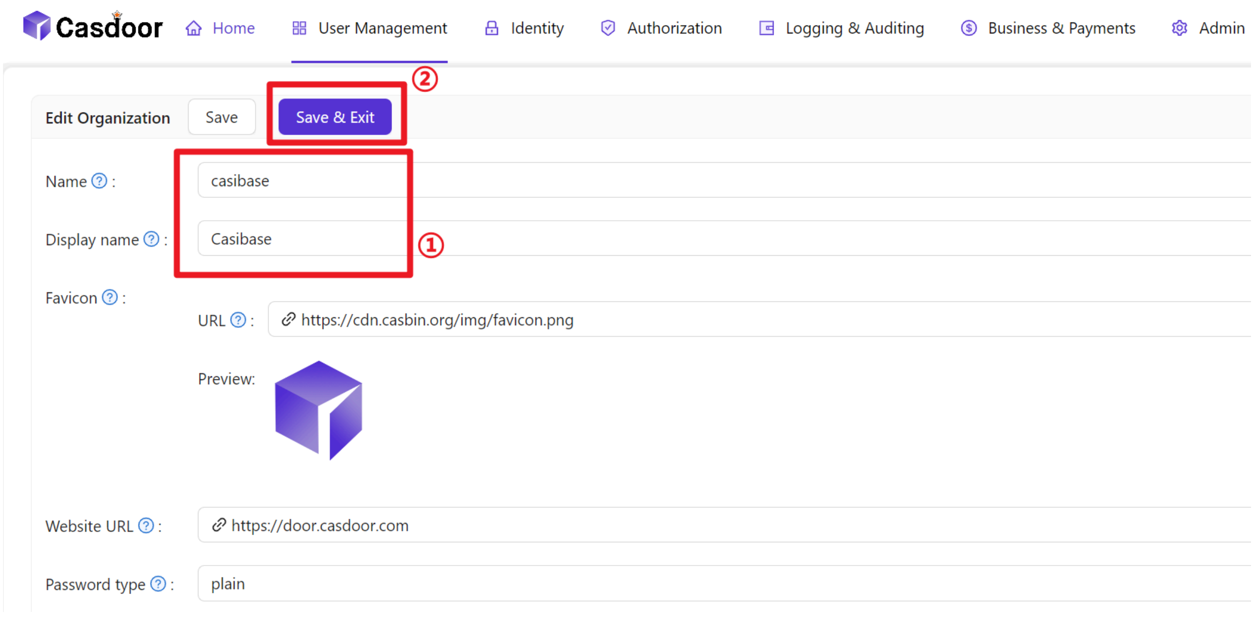
Follow these steps to setup Casdoor for casibase:

- Create an Organization



Name	Created time		Favicon	Website URL	Password type	Password salt	Default avatar
casibase	2023-09-06 19:3			https://door.casdoor.com	plain		
built-in	2023-08-14 14:22:15	Built-in Organization		https://example.com	plain		

- Configure information about the Organization



Name: casibase

Display name: Casibase

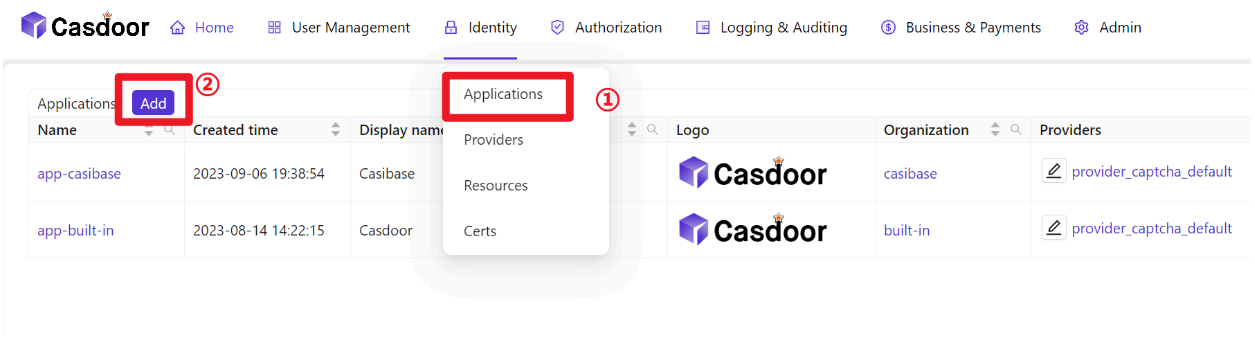
Favicon:

URL: https://cdn.casbin.org/img/favicon.png

Website URL: https://door.casdoor.com

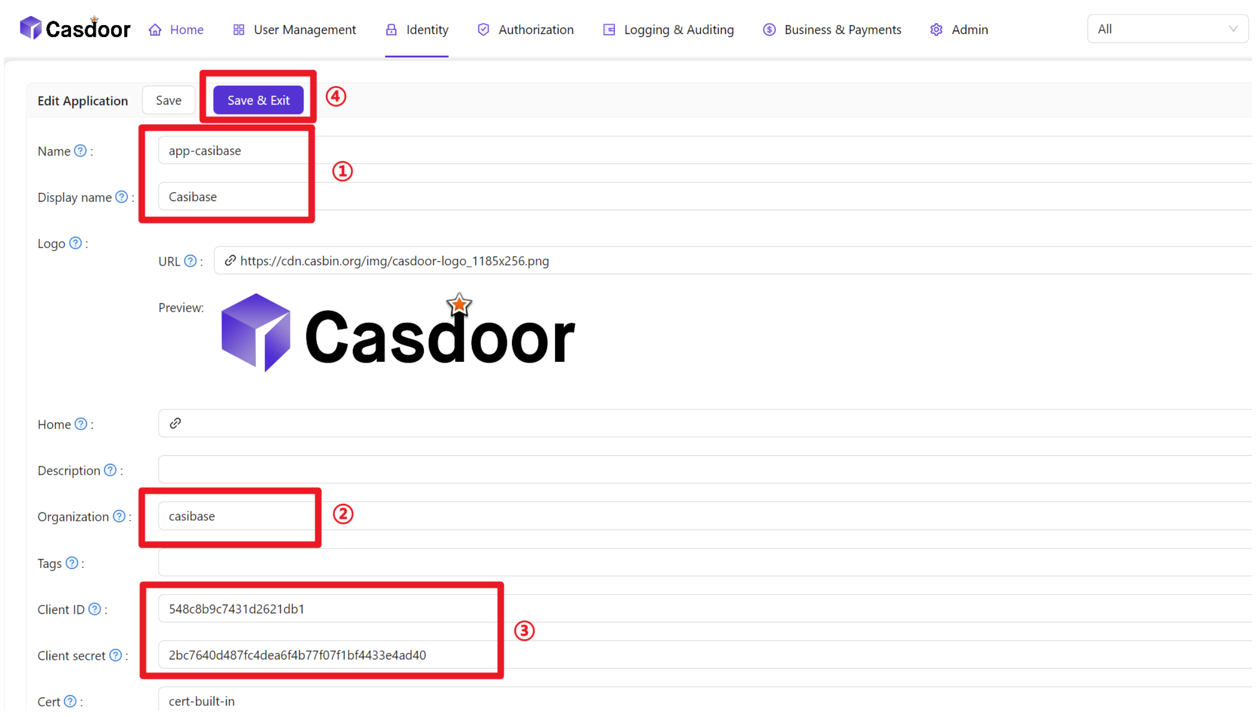
Password type: plain

- Create a new Application



Name	Created time	Display name	Logo	Organization	Providers
app-casibase	2023-09-06 19:38:54	Casibase	Casdoor	casibase	provider_captcha_default
app-built-in	2023-08-14 14:22:15	Casdoor	Casdoor	built-in	provider_captcha_default

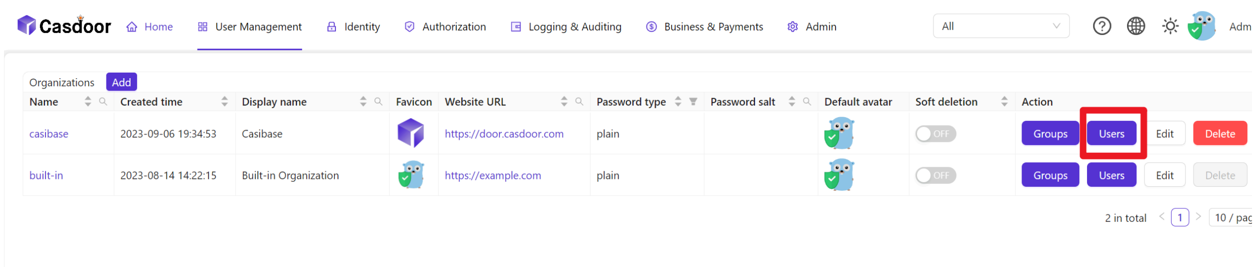
- Configuring Application Information (Remember Name, ClientID and ClientSecret)



Edit Application

Name :	app-casibase
Display name :	Casibase
Logo : URL :	https://cdn.casbin.org/img/casdoor-logo_1185x256.png
Preview:	Casdoor
Home :	
Description :	
Organization :	casibase
Tags :	
Client ID :	548c8b9c7431d2621db1
Client secret :	2bc7640d487fc4dea6f4b77f07f1bf4433e4ad40
Cert :	cert-built-in

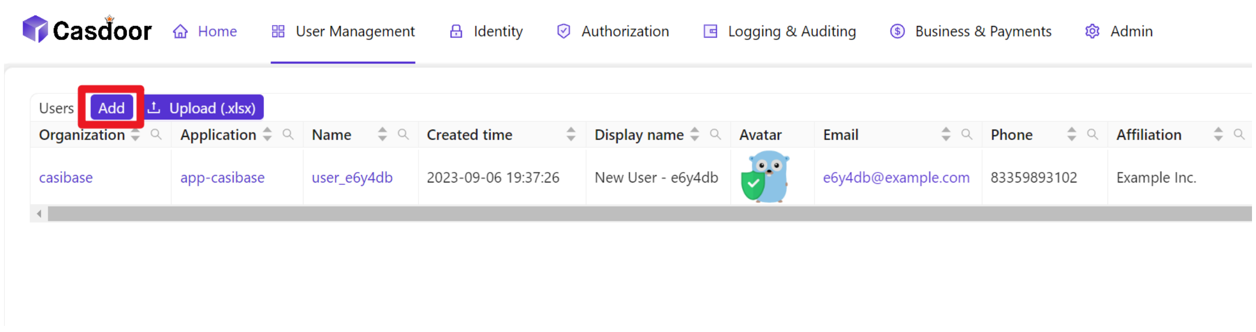
- Add a member to the newly created organization



Organizations

Name	Created time	Display name	Favicon	Website URL	Password type	Password salt	Default avatar	Soft deletion	Action
casibase	2023-09-06 19:34:53	Casibase		https://door.casdoor.com	plain			OFF	Groups Users Edit Delete
built-in	2023-08-14 14:22:15	Built-in Organization		https://example.com	plain			OFF	Groups Users Edit Delete

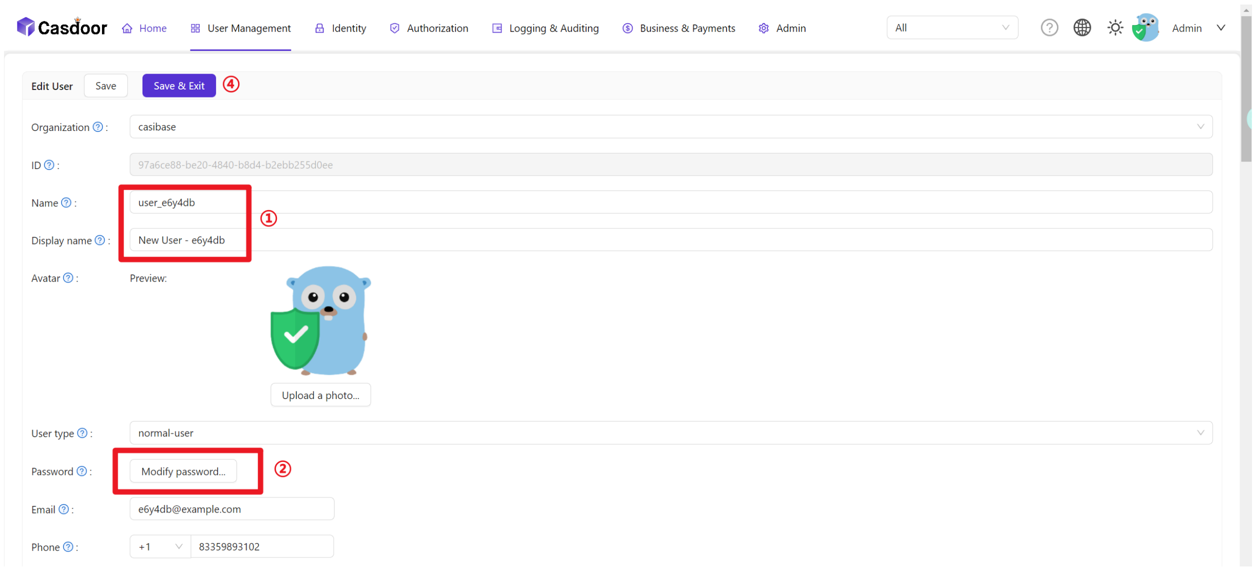
2 in total 1 10 / pag



Users

Organization	Application	Name	Created time	Display name	Avatar	Email	Phone	Affiliation
casibase	app-casibase	user_e6y4db	2023-09-06 19:37:26	New User - e6y4db		e6y4db@example.com	83359893102	Example Inc.

- Configure member information (remember its Name as well as Password)



Organization: casibase

ID: 97a6ce88-be20-4840-b8d4-b2ebb255d0ee

Name: user_e6y4db

Display name: New User - e6y4db

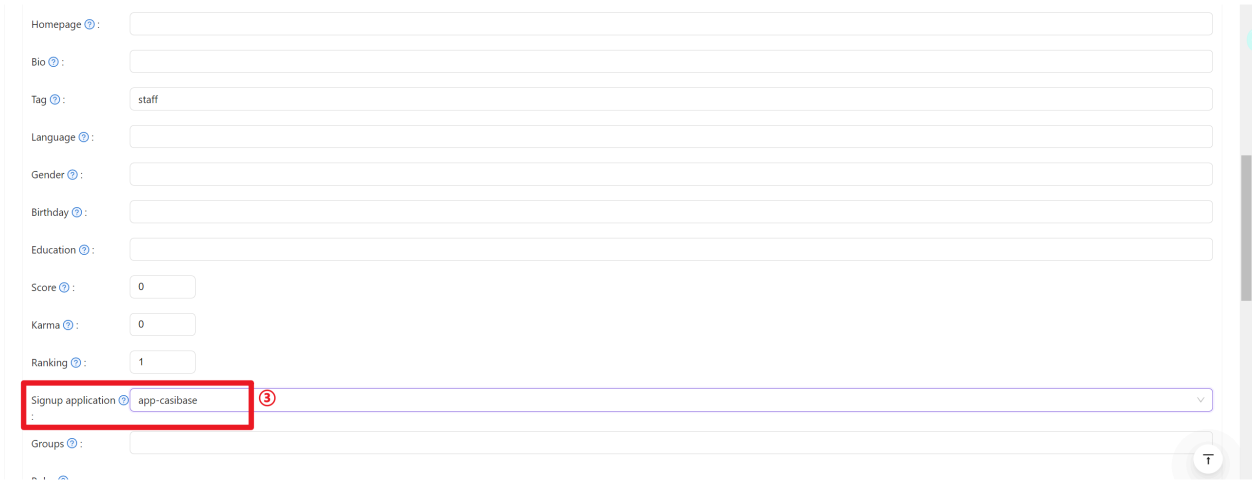
Avatar: Preview:

User type: normal-user

Password: Modify password...

Email: e6y4db@example.com

Phone: +1 83359893102



Homepage:

Bio:

Tag: staff

Language:

Gender:

Birthday:

Education:

Score: 0

Karma: 0

Ranking: 1

Signup application: app-casibase

Groups:

Deployment

📄 Deploy Casdoor and Casibase

Discover how to deploy Casdoor and Casibase.

Deploy Casdoor and Casibase

Introduction

TIP

What is Casdoor?

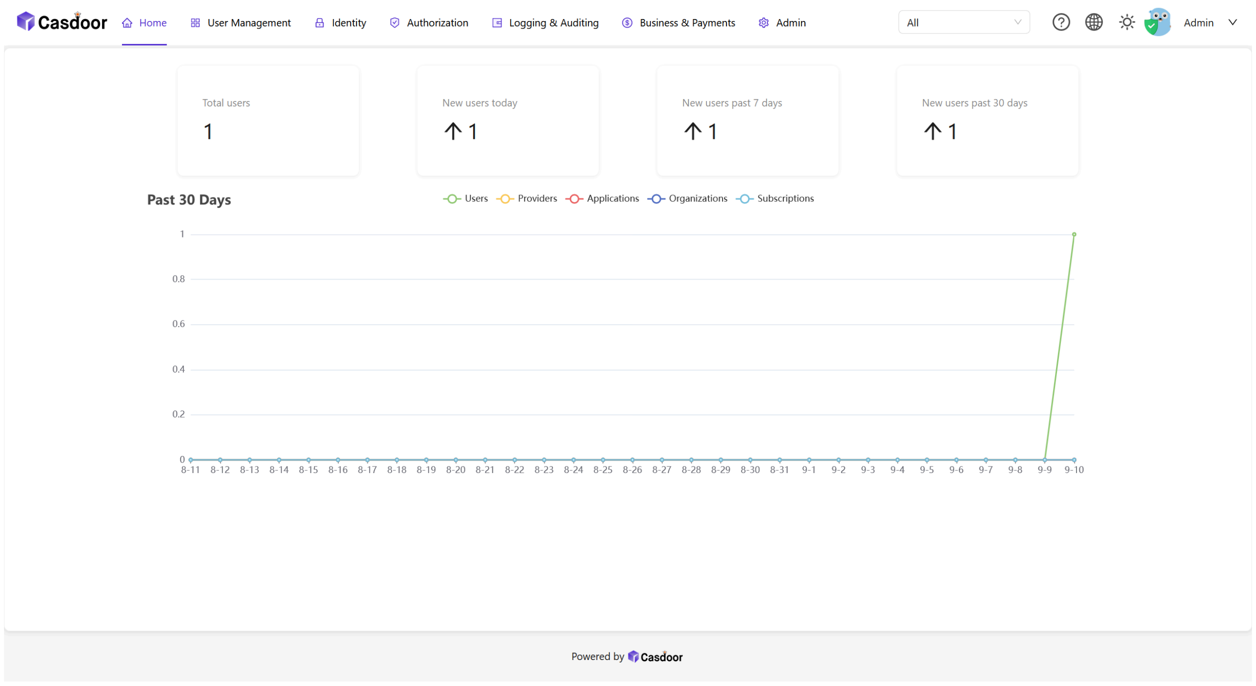
Casdoor is a powerful authentication system that provides a secure and reliable login experience. It's a prerequisite for Casibase, so be sure to deploy it first.

Refer to the Casdoor website for more information.

Step 1: Deploy Casdoor

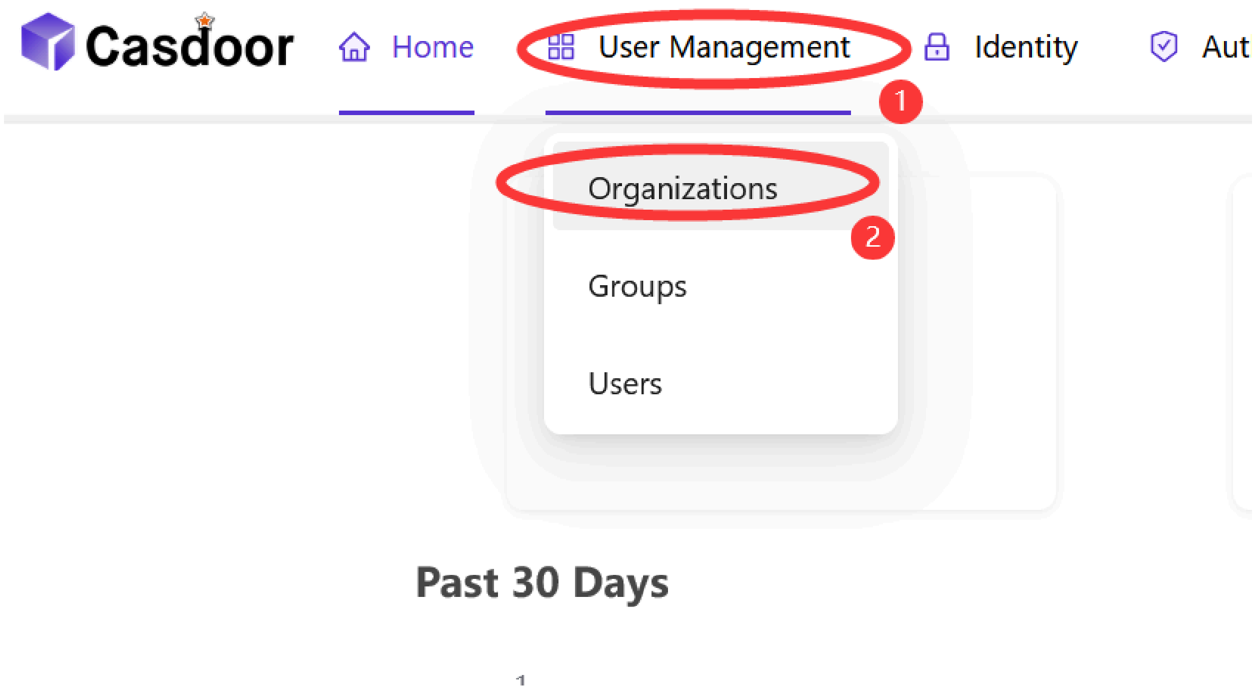
In Casdoor Deployment Guide, you can find the detailed steps to deploy Casdoor.

Once you've deployed Casdoor, you'll look like this:



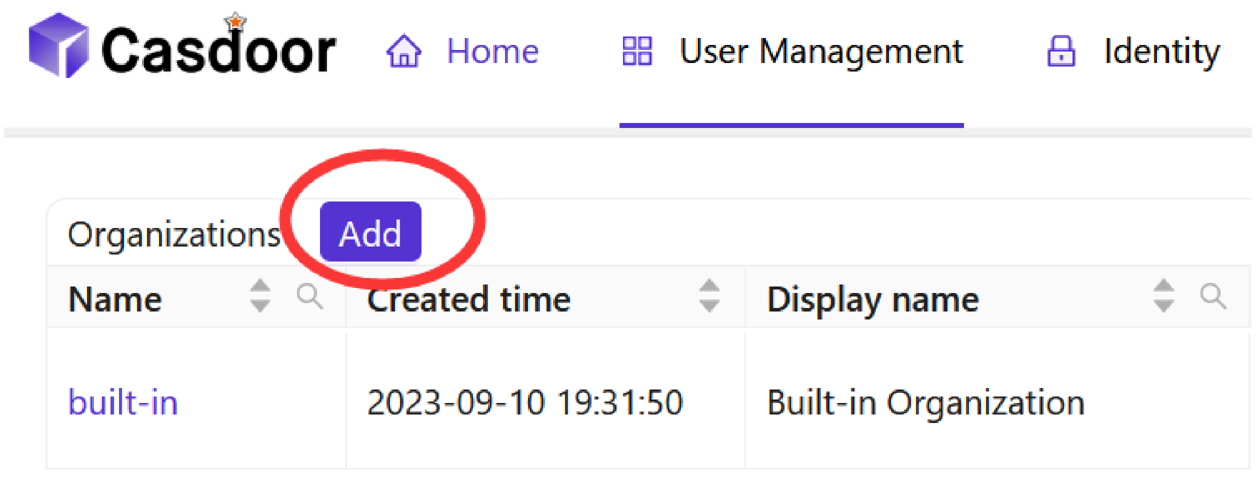
Step 2: Create an organization in Casdoor

In Casdoor, you can create an organization to manage your users and applications. You can create an organization by clicking the `User Management - Organizations` button on the home page.



Step 2.1: Add an organization

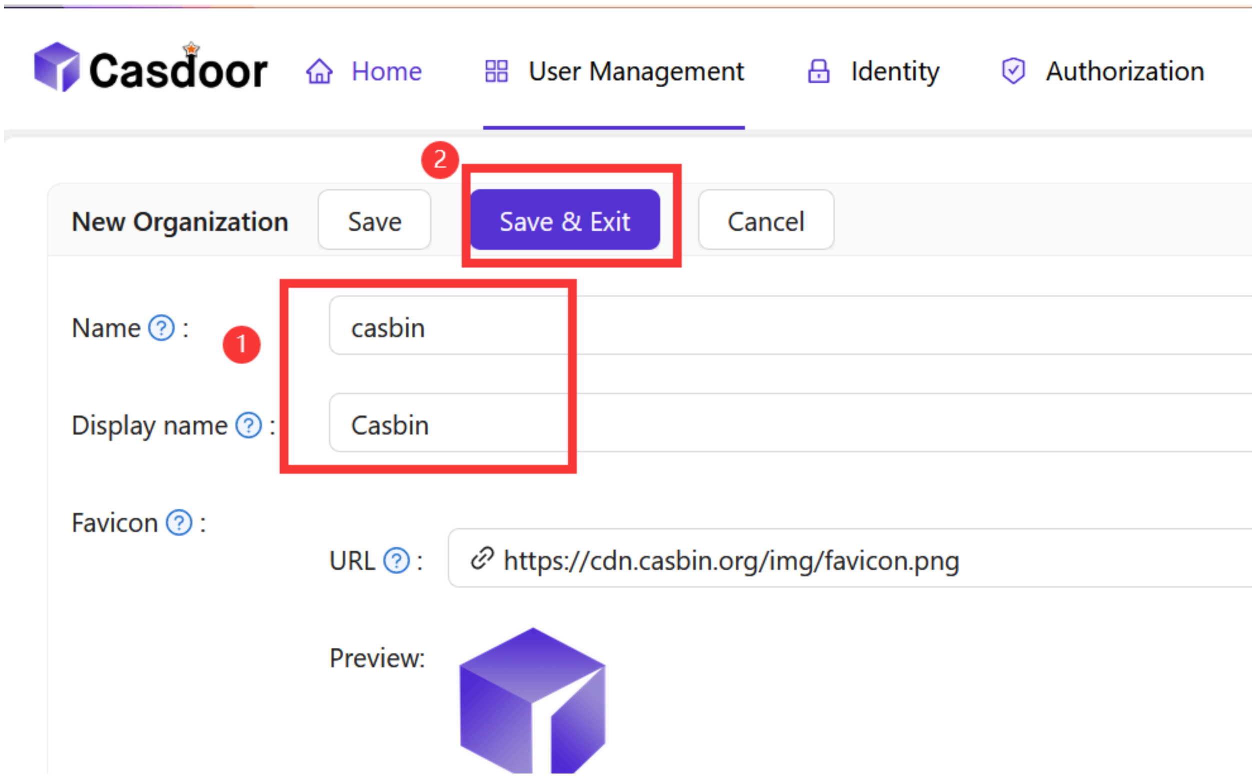
Click the `Add` button to add an organization.



Name	Created time	Display name
built-in	2023-09-10 19:31:50	Built-in Organization

Step 2.2: Fill in the organization information

Fill in the organization information and click the `Save & Exit` button.



Name ⓘ : casbin

Display name ⓘ : Casbin

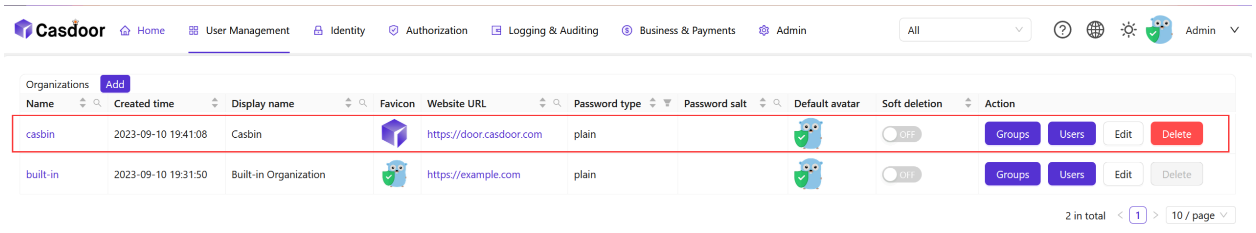
Favicon ⓘ :

URL ⓘ : https://cdn.casbin.org/img/favicon.png

Preview:

Step 2.3: View the organization

After adding the organization, you can view the organization information.

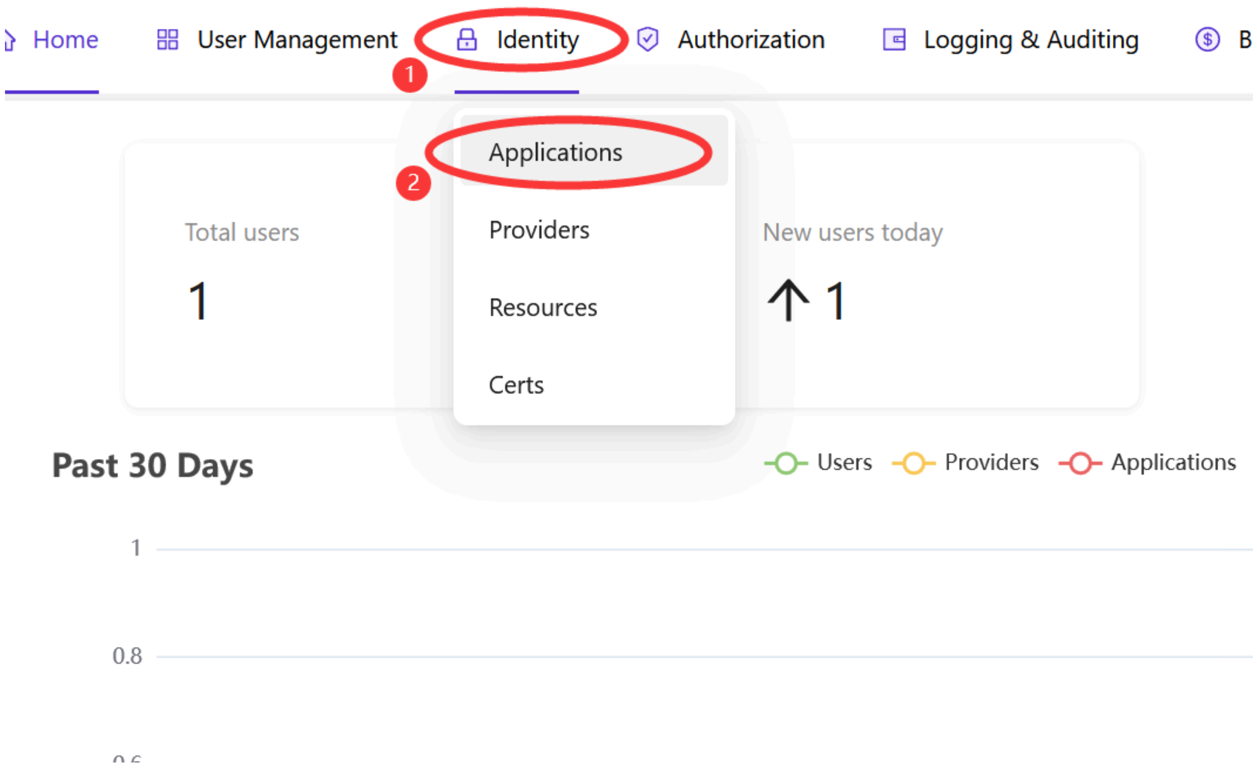


Name	Created time	Display name	Favicon	Website URL	Password type	Password salt	Default avatar	Soft deletion	Action
casbin	2023-09-10 19:41:08	Casbin		https://door.casdoor.com	plain			OFF	Groups Users Edit Delete
built-in	2023-09-10 19:31:50	Built-in Organization		https://example.com	plain			OFF	Groups Users Edit Delete

2 in total < 1 > 10 / page

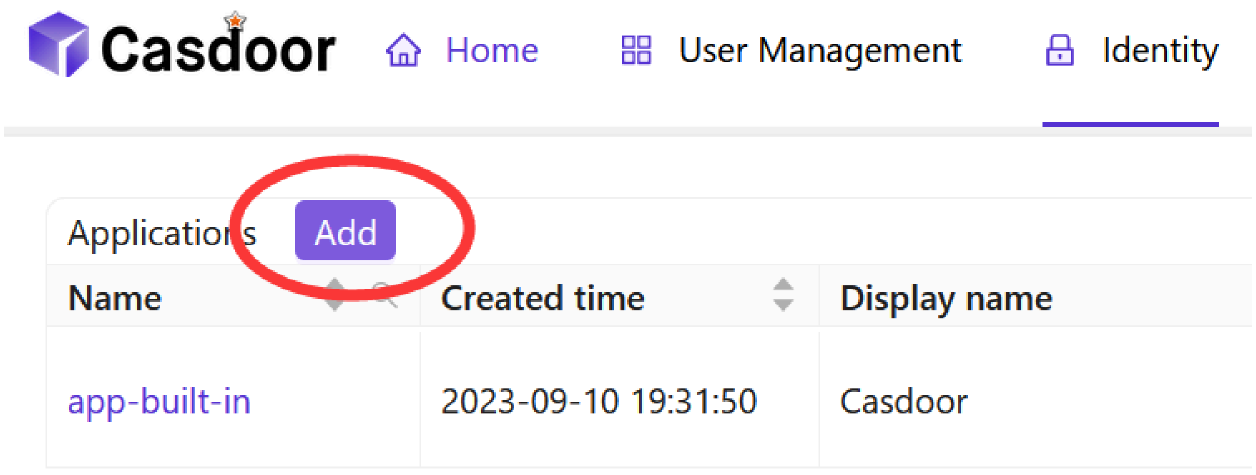
Step 3: Create an application in Casdoor

In Casdoor, you can create an application to manage your users and organizations. You can create an application by clicking the `Identity - Applications` button on the home page.



Step 3.1: Add an application

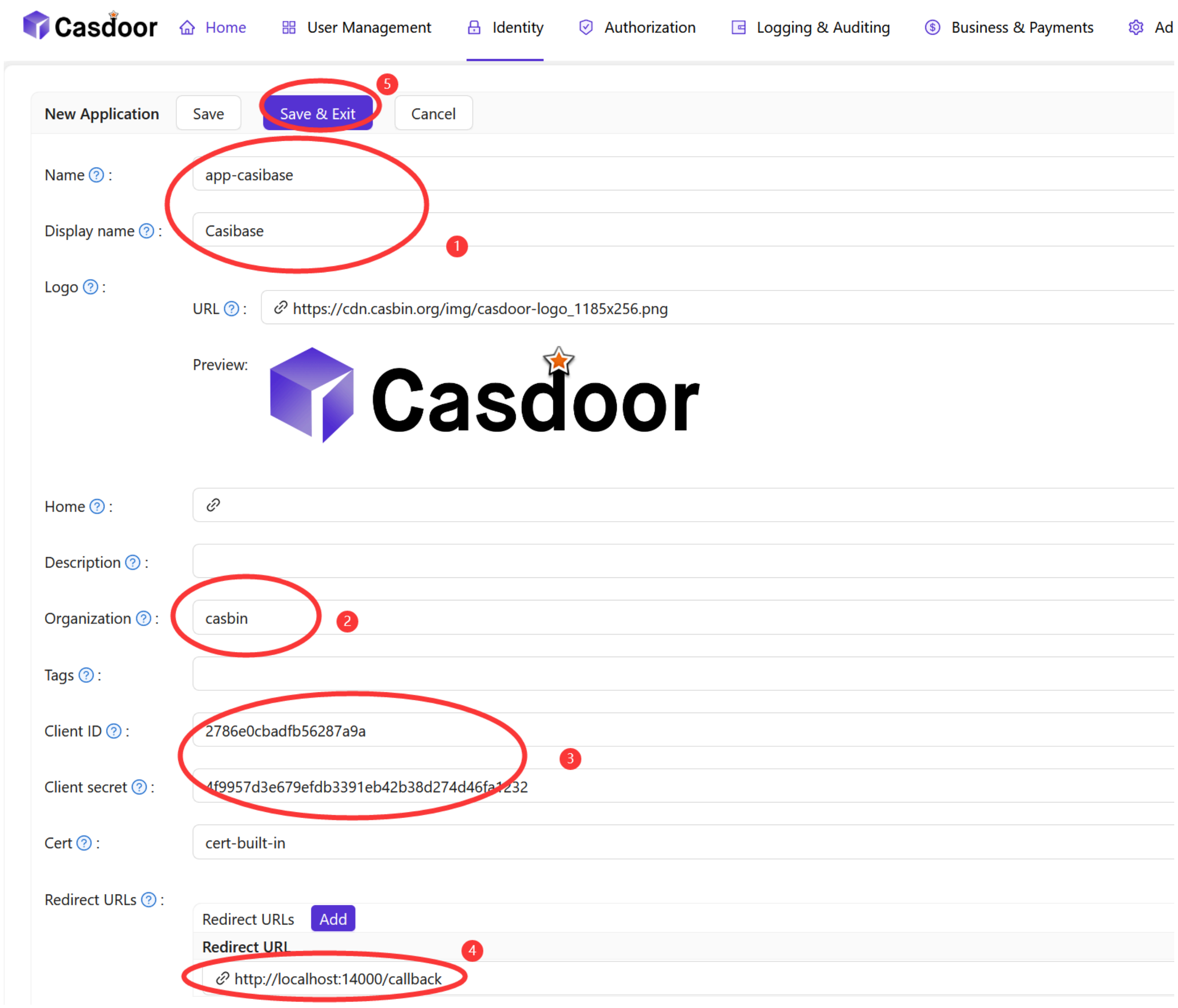
Click the `Add` button to add an application.



Name	Created time	Display name
app-built-in	2023-09-10 19:31:50	Casdoor

Step 3.2: Fill in the application information

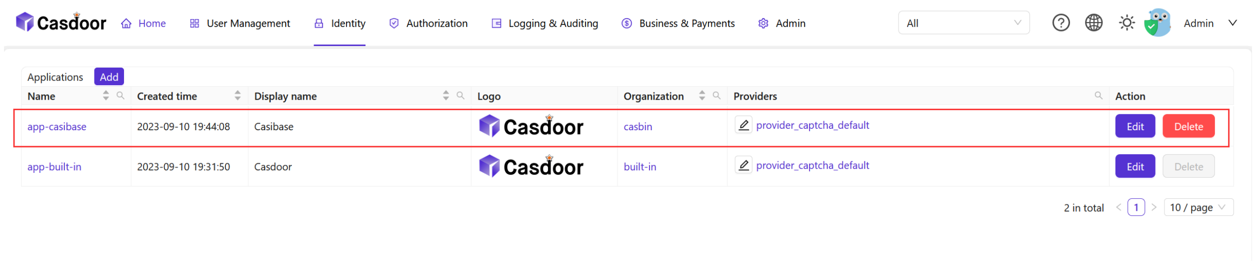
Fill in the application information and click the `Save & Exit` button.



Name ⓘ :	app-casibase
Display name ⓘ :	Casibase
Logo ⓘ :	URL ⓘ : https://cdn.casbin.org/img/casdoor-logo_1185x256.png
	Preview: Casdoor
Home ⓘ :	
Description ⓘ :	
Organization ⓘ :	casbin
Tags ⓘ :	
Client ID ⓘ :	2786e0cbadfb56287a9a
Client secret ⓘ :	4f9957d3e679efdb3391eb42b38d274d46fa1232
Cert ⓘ :	cert-built-in
Redirect URLs ⓘ :	Redirect URLs Add
	Redirect URL
	http://localhost:14000/callback

Step 3.3: View the application

After adding the application, you can view the application information.

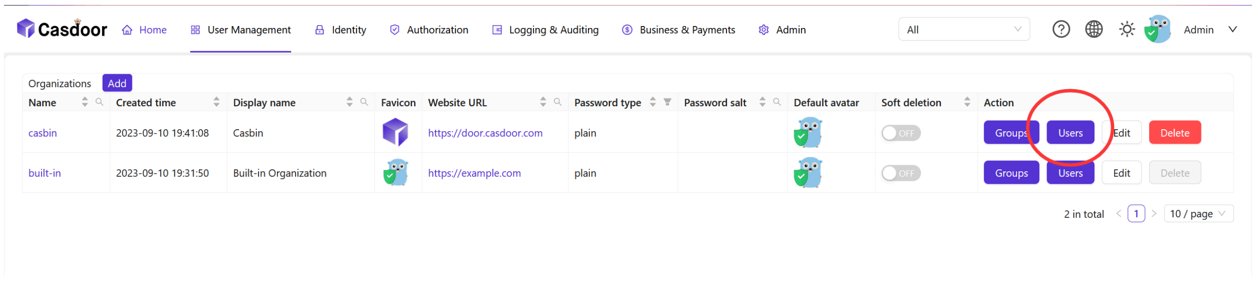


Name	Created time	Display name	Logo	Organization	Providers	Action
app-casibase	2023-09-10 19:44:08	Casibase	Casdoor	casbin	provider_captcha_default	Edit Delete
app-built-in	2023-09-10 19:31:50	Casdoor	Casdoor	built-in	provider_captcha_default	Edit Delete

2 in total 1 10 / page

Step 4: Create a user in Casdoor for Casibase

In Casdoor, you can create a user to login Casibase. You can create a user by clicking the `User Management - Organizations - Users` button from the home page.



Organizations Add

Name	Created time	Display name	Favicon	Website URL	Password type	Password salt	Default avatar	Soft deletion	Action
casbin	2023-09-10 19:41:08	Casbin		https://door.casdoor.com	plain			OFF	Groups Users Edit Delete
built-in	2023-09-10 19:31:50	Built-in Organization		https://example.com	plain			OFF	Groups Users Edit Delete

2 in total < 1 > 10 / page

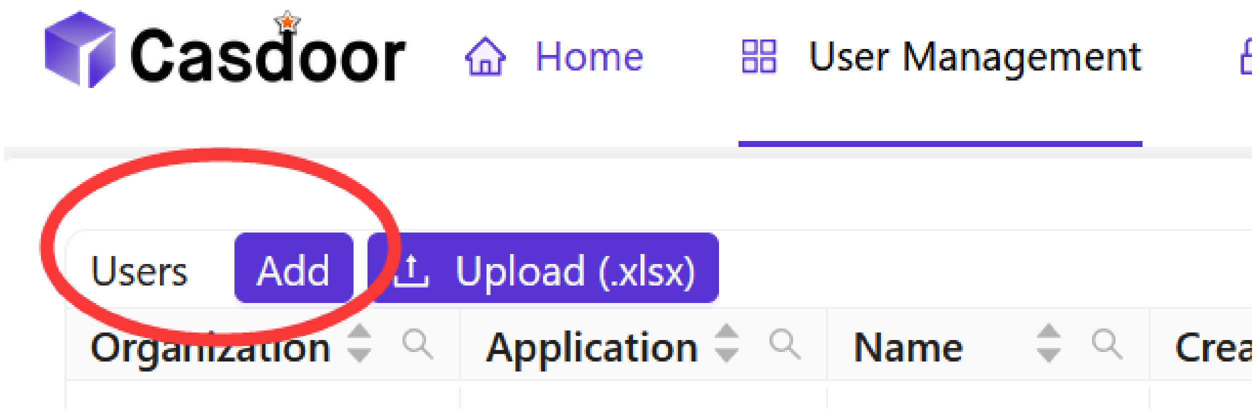
TIP

A user is a member of an organization who can login to applications in the organization.

Refer to the Casdoor website for more information.

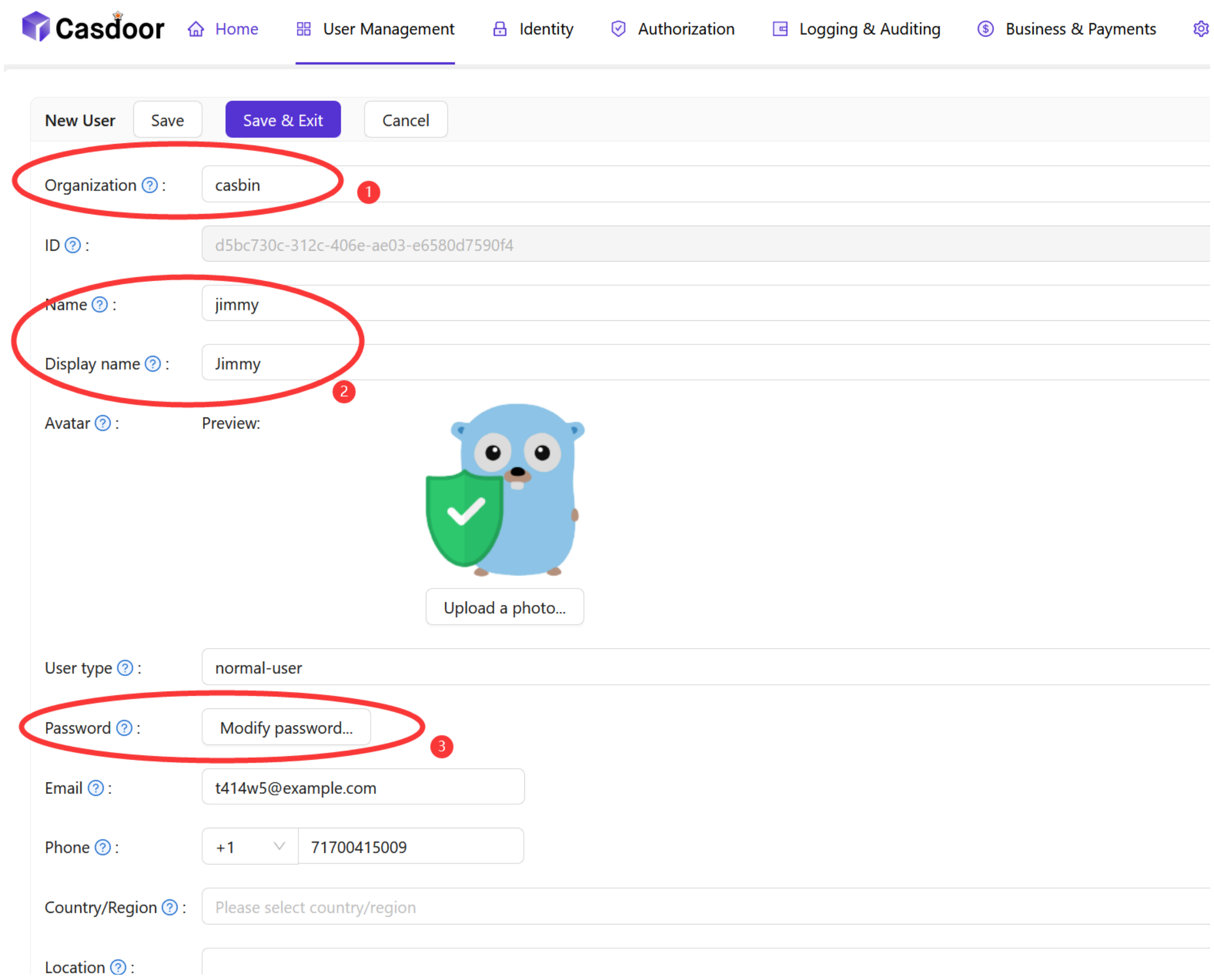
Step 4.1: Add a user

Click the `Add` button to add a user.



Step 4.2: Fill in the user information

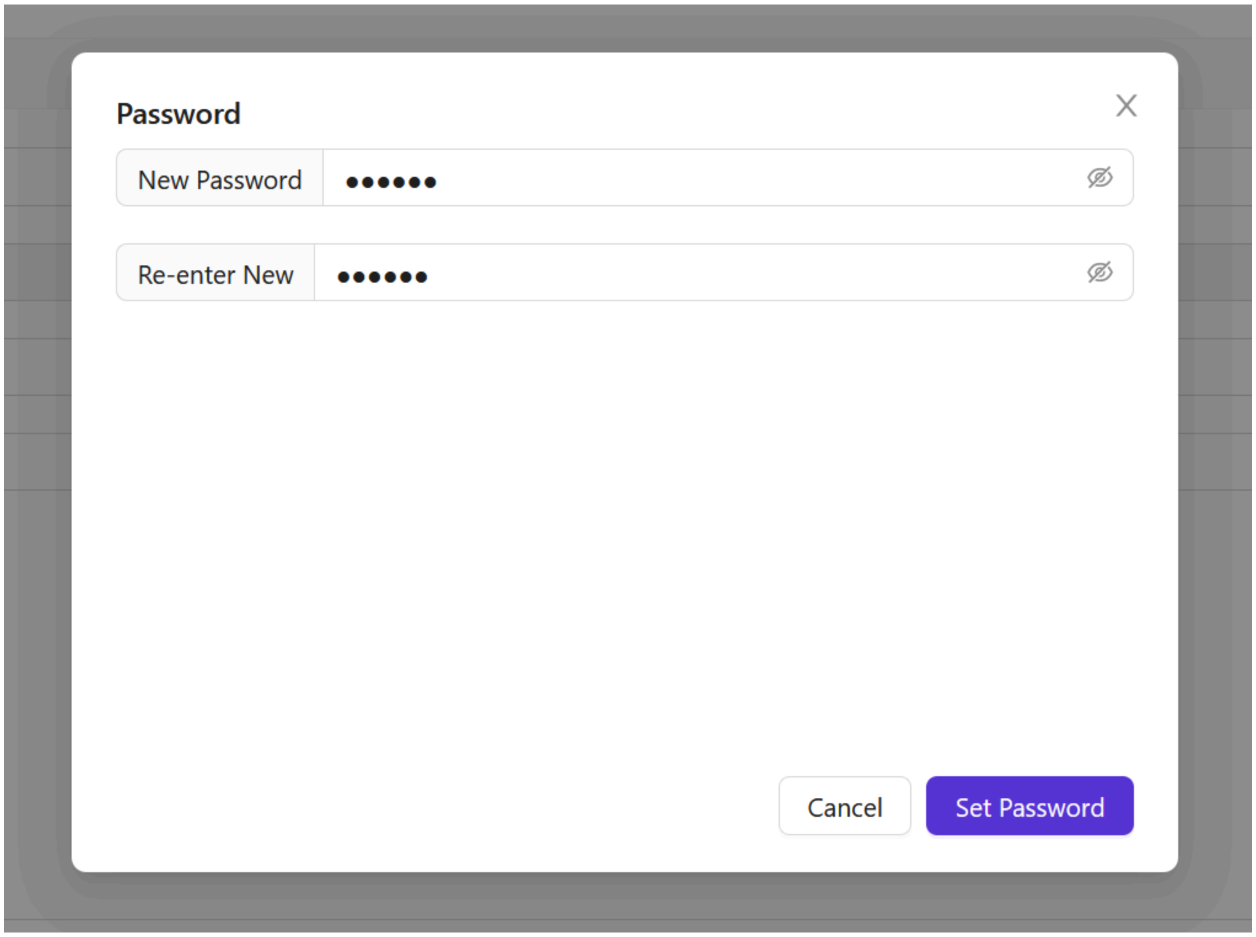
Fill in the user information and click the `Save & Exit` button.



Organization :	casbin
ID :	d5bc730c-312c-406e-ae03-e6580d7590f4
Name :	jimmy
Display name :	Jimmy
Avatar :	
User type :	normal-user
Password :	Modify password...
Email :	t414w5@example.com
Phone :	+1 71700415009
Country/Region :	Please select country/region
Location :	

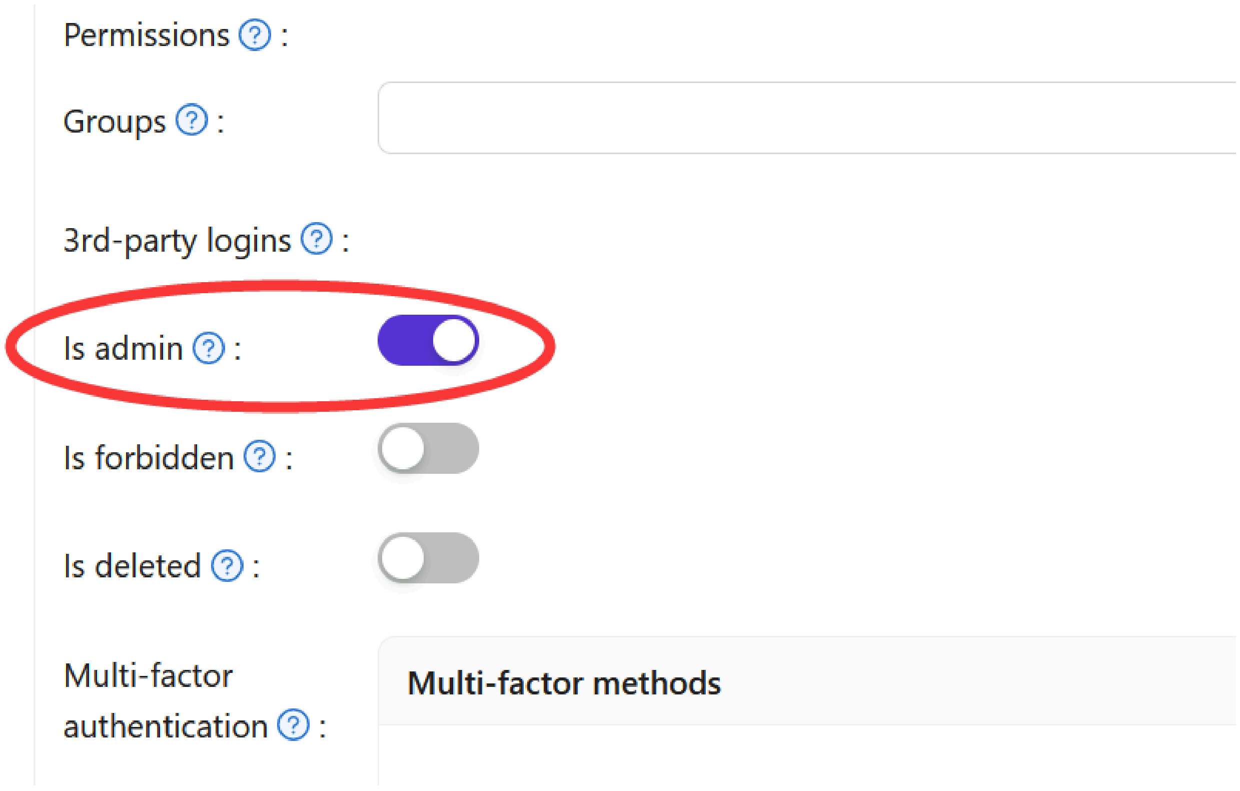
- Password

You can set the user's password by clicking the `Modify password` button.



- Admin

You can set the user's admin permission by clicking the `Is admin` button.



Permissions ⓘ :

Groups ⓘ :

3rd-party logins ⓘ :

Is admin ⓘ : ON

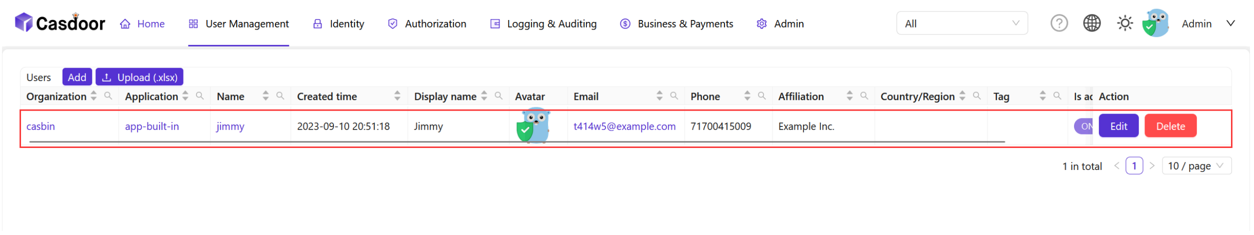
Is forbidden ⓘ : OFF

Is deleted ⓘ : OFF

Multi-factor authentication ⓘ : Multi-factor methods

Step 4.3: View the user

After adding the user, you can view the user information.



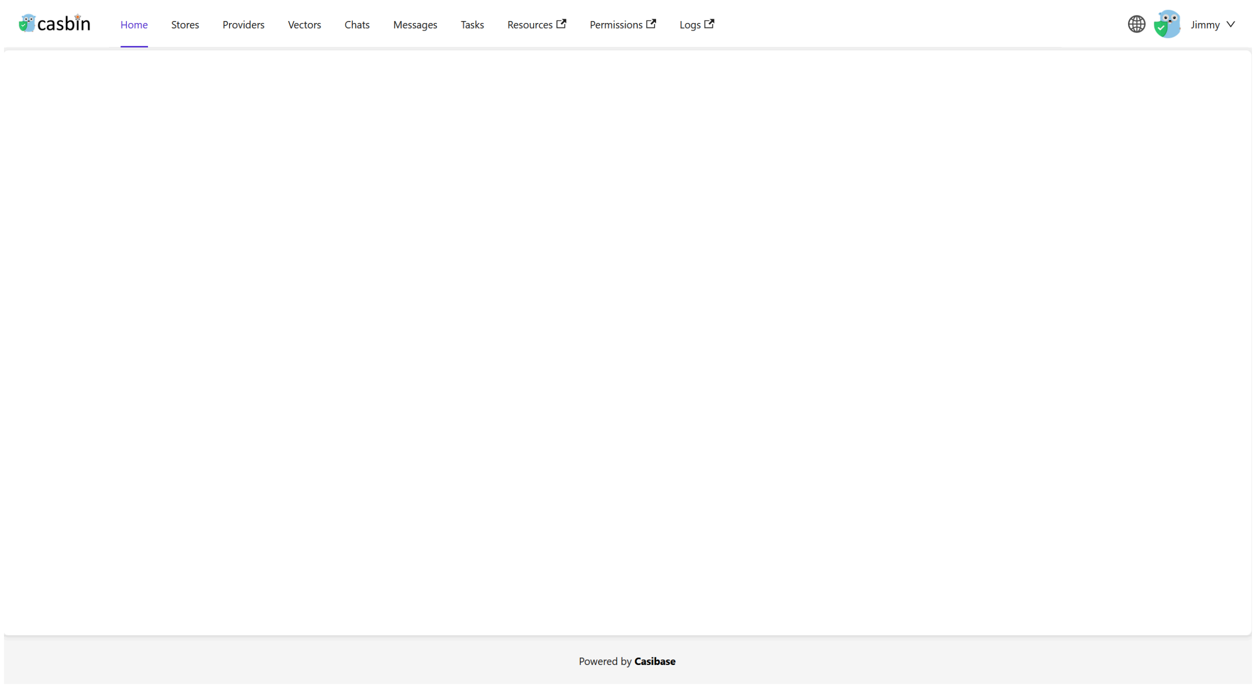
Organization	Application	Name	Created time	Display name	Avatar	Email	Phone	Affiliation	Country/Region	Tag	Is ac	Action
casbin	app-built-in	jimmy	2023-09-10 20:51:18	Jimmy		t414w5@example.com	71700415009	Example Inc.			ON	Edit Delete

1 in total 1 10 / page

Step 5: Deploy Casibase

Like Casdoor, you can deploy Casibase by following the Casibase Deployment Guide.

Once you've deployed Casibase, you'll look like this:


casbin
Home
Stores
Providers
Vectors
Chats
Messages
Tasks
Resources
Permissions
Logs
Jimmy
Powered by **Casibase**

Providers

Overview

Casibase is an open source AI knowledge base system designed to provide efficient and flexible knowledge management and dialogue solutions for enterprises. One of its core features is Providers, which allow users to integrate multiple AI models and storage services to enhance the functionality and performance of the system: Providers are classified into three main categories: Model Providers, Embedding Providers, and Storage Providers, where Model Providers and Embedding Providers are collectively referred to as AI Providers, which, together with Storage Providers, are responsible for handling the AI models and data storage, respectively.

1. Model Providers

Model Providers is a component in Casibase for integrating and managing AI models. It allows users to integrate various pre-trained AI models into the system for smarter knowledge processing and dialogue generation. With Model Provider, users can easily switch between different AI models, choosing the most appropriate model according to specific needs.

Casibase supports a variety of popular AI models, including but not limited to:

Model Provider Types

- Hugging Face: e.g. meta-llama/Llama-2-7b, THUDM/chatglm2-6b
- OpenAI: e.g. gpt-3.5-turbo, gpt-4
- Claude: e.g. claude-2, claude-instant-v1
- Ernie: e.g. ERNIE-Bot, ERNIE-Bot-turbo

2. Embedding Providers

Data vectorisation

The main role of Embedding Providers is to transform various types of data (e.g., text, images, etc.) into dense vector representations. This transformation is a key step in data processing and analysis in Casibase, enabling data to be stored, retrieved and analysed in a more efficient manner.

Knowledge Retrieval

By converting both the data in the knowledge base and the user's query into vectors, Embedding Providers enables the system to perform fast knowledge retrieval based on vector similarity. This greatly improves the efficiency and accuracy of knowledge base retrieval.

Flexible model support

Embedding Providers support a variety of embedding models, users can choose the most suitable model according to their needs.

3. Storage Providers

We can configure the storage providers in Casdoor. and use it in Casibase, which is the component used to manage Casibase data storage and retrieval. It allows users to store data in different storage services and access the data through a unified interface. With Storage Providers, users can flexibly choose storage services to ensure data security and efficient access. supports two types of storage: Local and Cloud.

Local

We support uploading files to the local system.

Cloud

We support AWS S3, Azure Blob Storage, MinIO, Alibaba Cloud OSS, Tencent Cloud COS, and we are constantly adding more Cloud storage services.

Model Providers

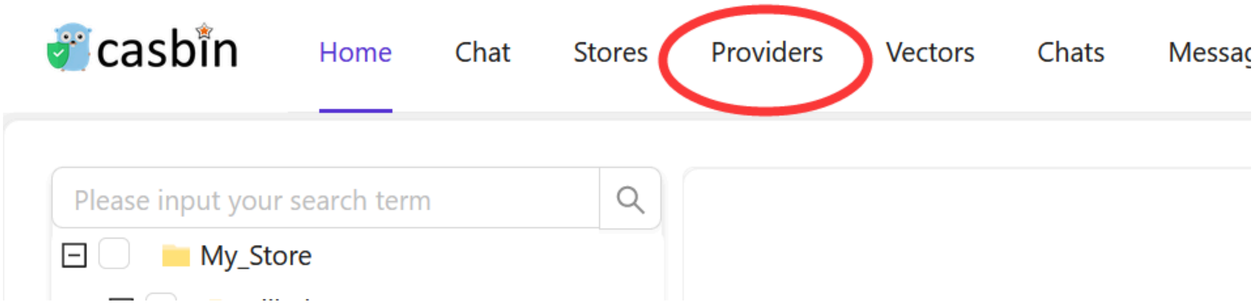
Introduction

Adding a model provider to Casibase enables you to enhance its functionality by incorporating machine learning models and AI capabilities. Model providers allow you to analyze and process data within your knowledge base system, making it more intelligent and efficient.

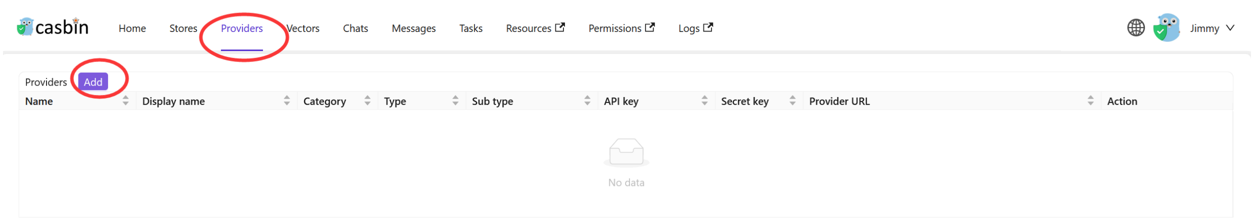
Add a Model Provider

Model providers are used to integrate LLM into Casibase. You can add them by following these steps:

Click the `Providers` button on the home page.



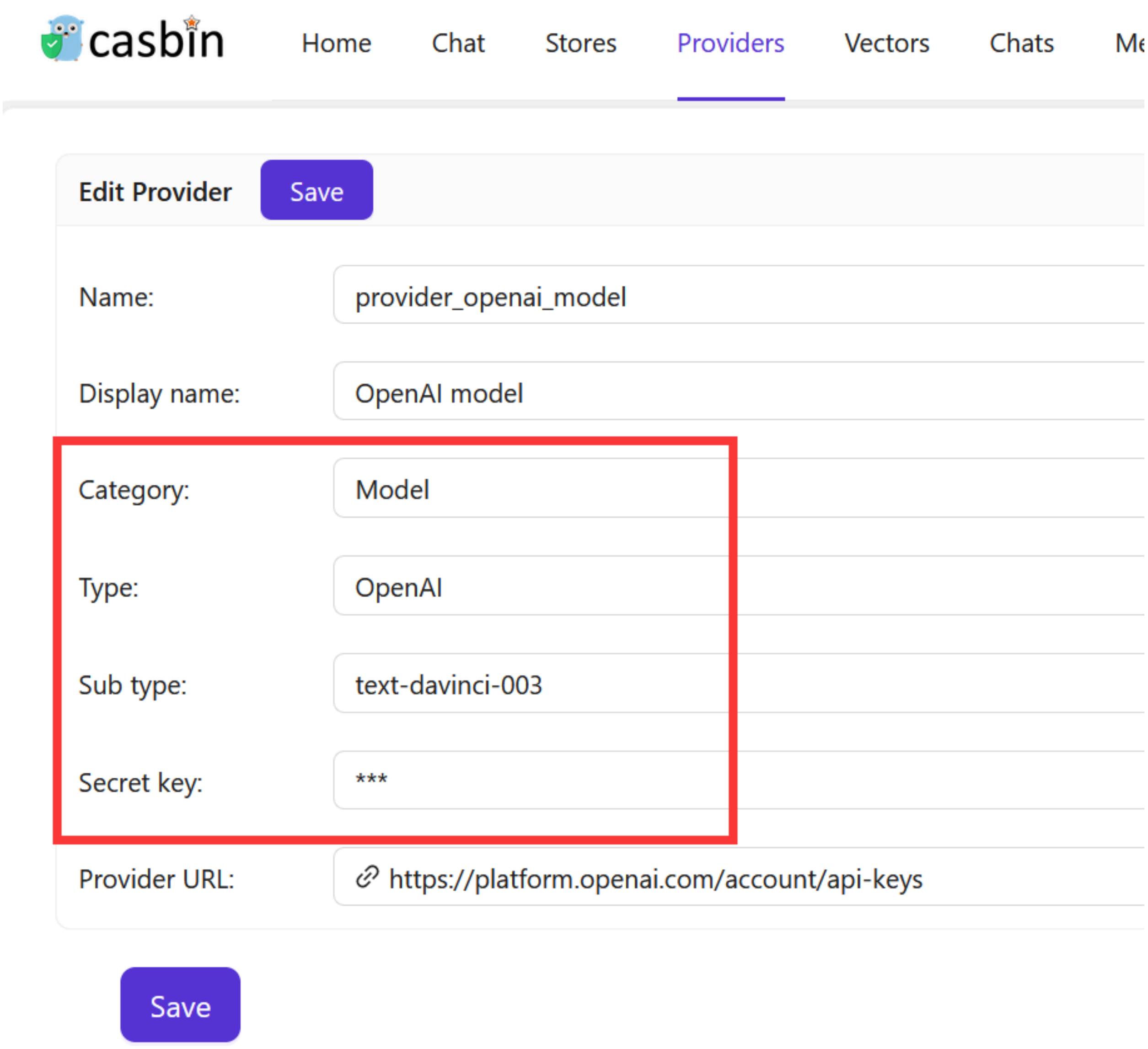
Click the `Add` button to add a model provider.



Name	Display name	Category	Type	Sub type	API key	Secret key	Provider URL	Action

Fill in Model Provider Details

Fill in the model provider details and click the `Save & Exit` button.



Name:	provider_openai_model
Display name:	OpenAI model
Category:	Model
Type:	OpenAI
Sub type:	text-davinci-003
Secret key:	***
Provider URL:	https://platform.openai.com/account/api-keys

TIP

Casibase supports many model providers, including:

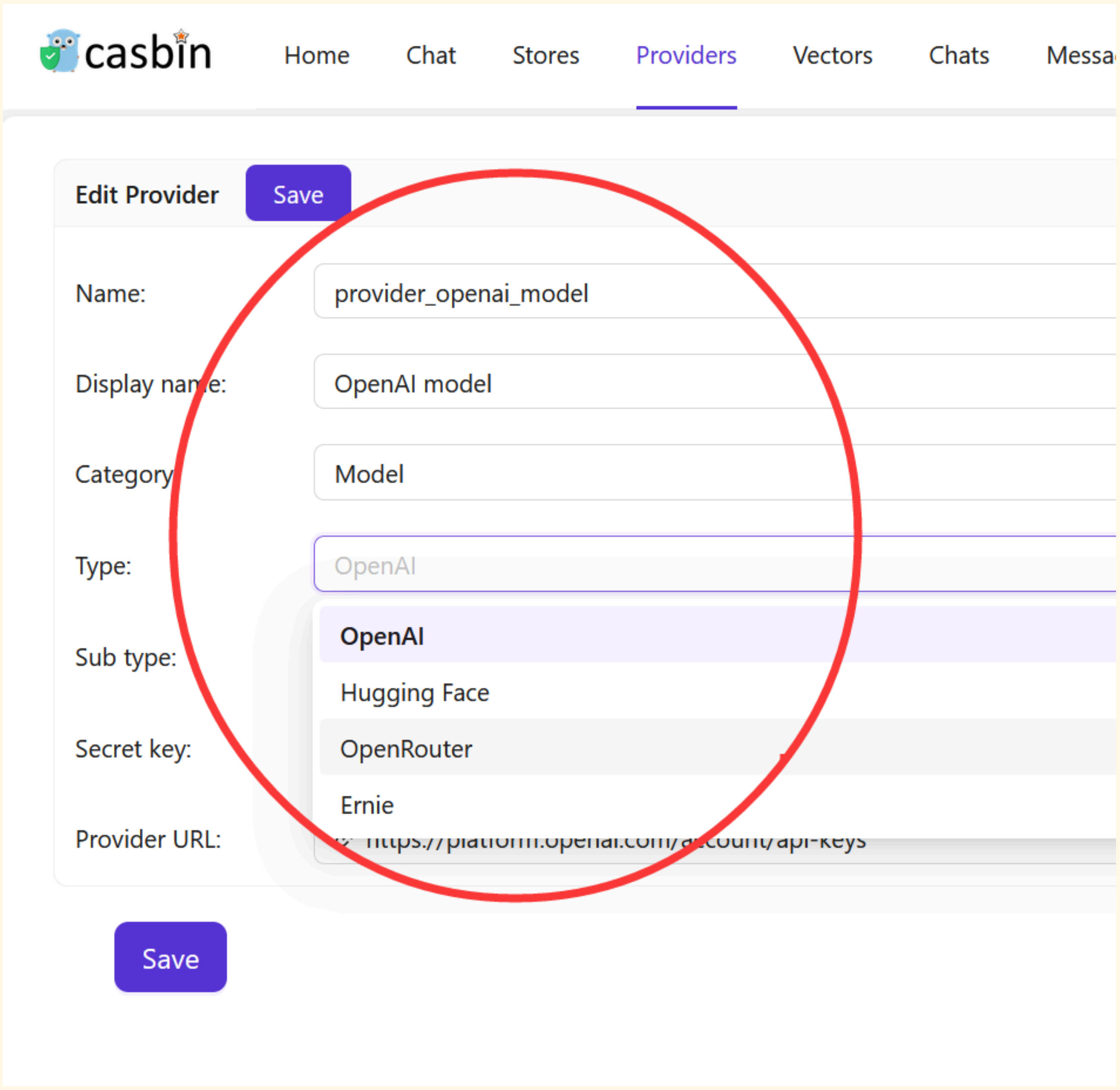
- Hugging Face
  - meta-llama/Llama-2-7b
  - THUDM/chatglm2-6b
  - baichuan-inc/Baichuan2-13B-chat
  - gpt2
  - ......
- OpenRouter
  - anthropic/claude-2
  - palm-2-chat-bison
  - palm-2-codechat-bison
  - openai/gpt-4
  - ......
- OpenAI
  - text-davinci-003
  - gpt-3.5-turbo
  - gpt-4
  - ......

CAUTION

- Category: The first-level category of the model provider. For example, `Model` and `Embedding`.
- Type: The second-level category of the model provider. For example, `OpenAI` and `Hugging Face`.
- SecretKey: The secret key of your OpenAI account.

Example

Add an OpenAI model provider



Edit Provider

Name: provider_openai_model

Display name: OpenAI model

Category: Model

Type: OpenAI

Sub type:

Secret key:

Provider URL: https://platform.openai.com/account/api-keys

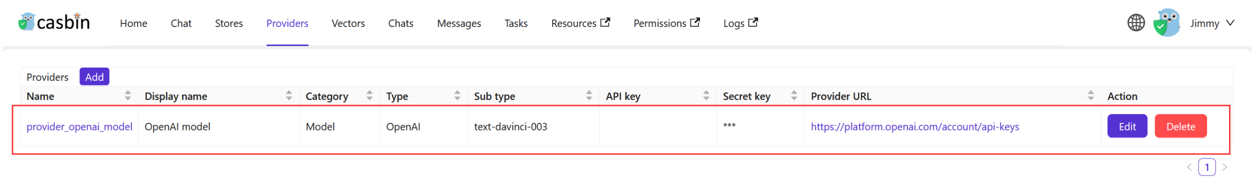
⚠ CAUTION

Some models don't support **streaming-output**. Known models that support streaming-output include:

- `gpt-3.5-turbo-0613`

After adding a model provider, you can use it to analyze and process data in Casibase using chatbots, question answering, and other AI capabilities.

Return to the model provider list page:



Name	Display name	Category	Type	Sub type	API key	Secret key	Provider URL	Action
provider_openai_model	OpenAI model	Model	OpenAI	text-davinci-003		***	https://platform.openai.com/account/api-keys	Edit Delete

Now that you've added a model provider, you can use it to analyze and process data in Casibase using chatbots, question answering, and other AI capabilities.

Embedding Providers

Introduction

Embedding is a technique used to represent words and documents as vectors. Embedding providers allow you to analyze and process data within your knowledge base system, making it more intelligent and efficient.

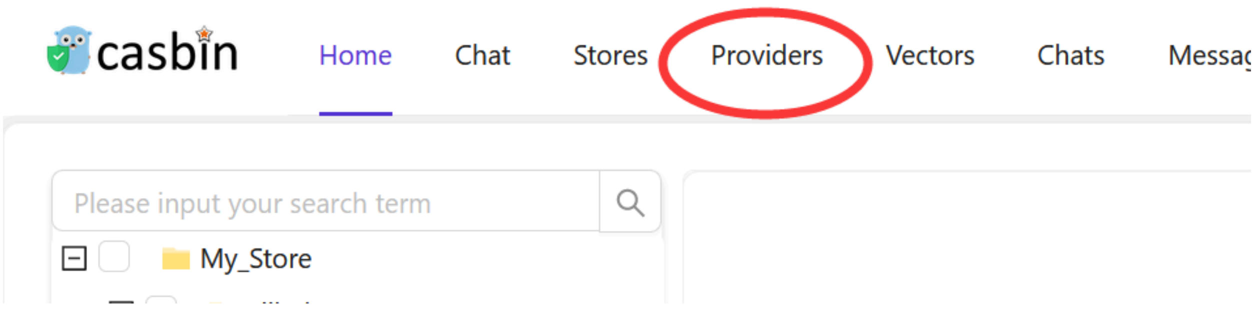
Refer to the Core Concepts section of our previous documentation for more information about embedding.

In Casibase, you can add an embedding provider by following these steps:

Add a New Embedding Provider

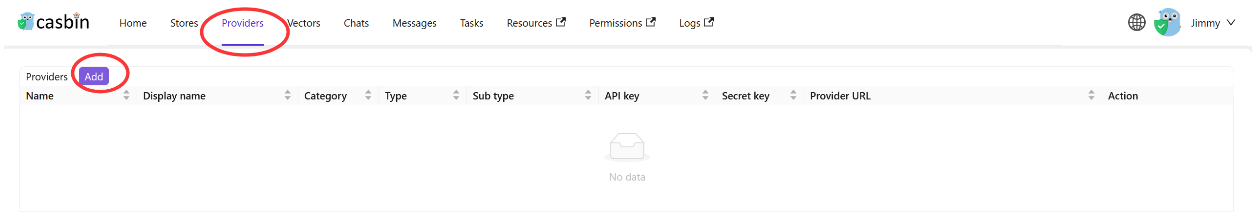
Embedding providers are used to integrate embedding into Casibase. You can add them by following these steps:

Click the `Providers` button on the home page.



Add an Embedding Provider

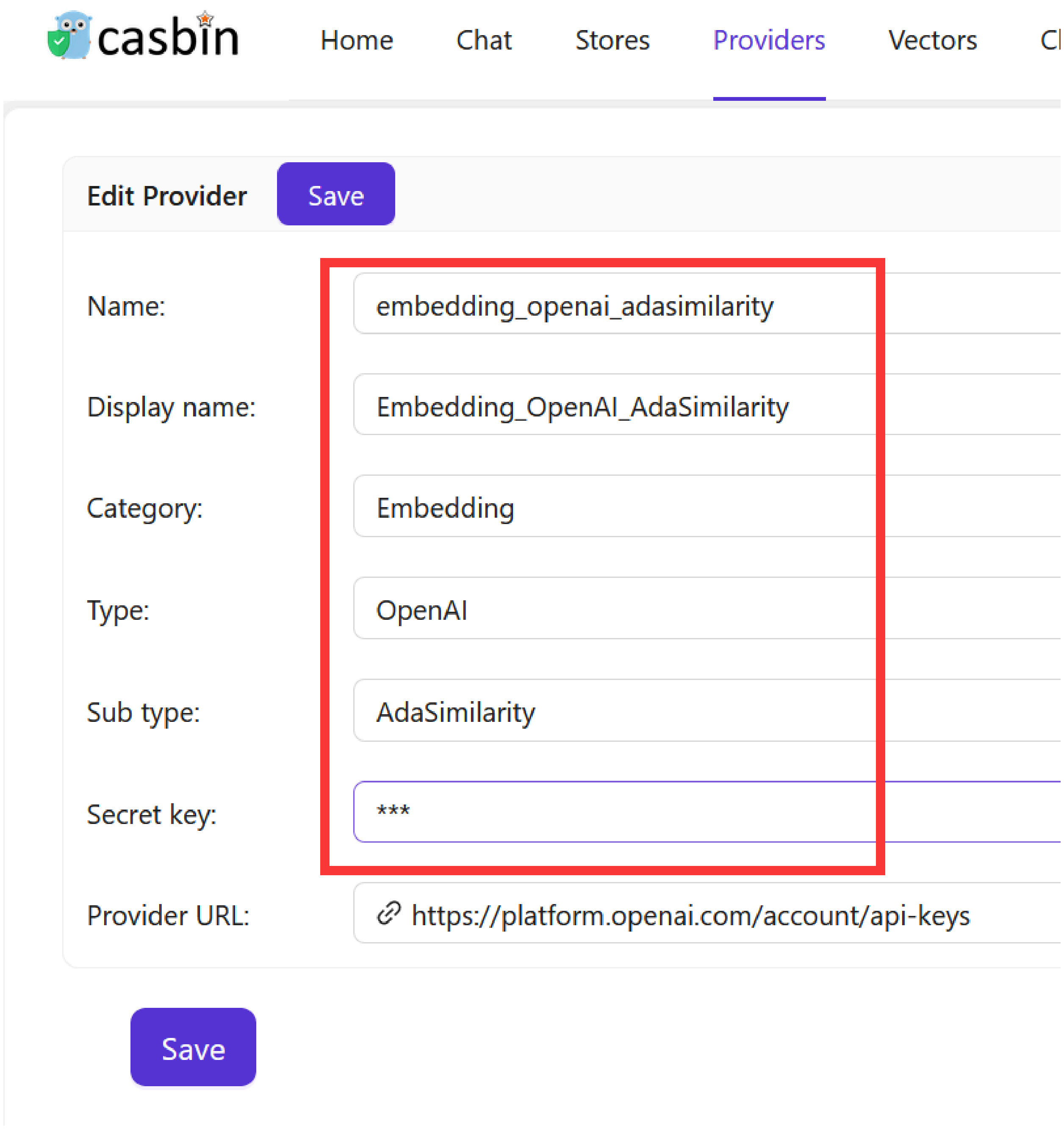
Click the `Add` button to add an embedding provider.



Name	Display name	Category	Type	Sub type	API key	Secret key	Provider URL	Action

Fill in Embedding Provider Details

Fill in the embedding provider details and click the `Save & Exit` button.



Edit Provider Save

Name:	embedding_openai_adasimilarity
Display name:	Embedding_OpenAI_AdaSimilarity
Category:	Embedding
Type:	OpenAI
Sub type:	AdaSimilarity
Secret key:	***
Provider URL:	https://platform.openai.com/account/api-keys

Save

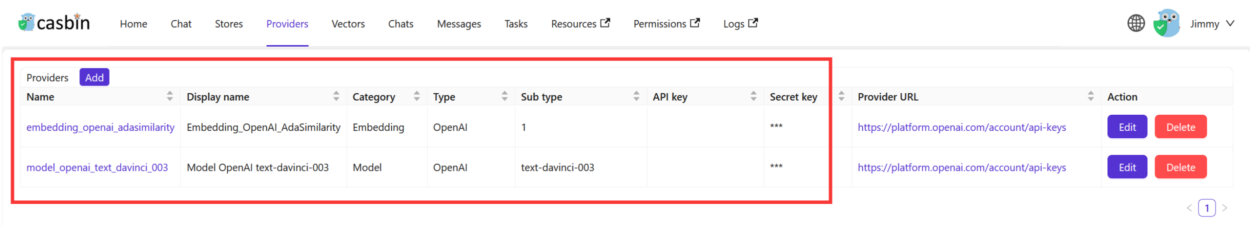
TIP

Casibase supports many embedding providers, including:

- OpenAI

    - AdaSimilarity
    - DavinciSimilarity
    - AdaEmbedding2
    - ......
- Hugging Face
    - sentence-transformers/paraphrase-MiniLM-L6-v2
    - ......

Return providers list page:



Providers Add

Name	Display name	Category	Type	Sub type	API key	Secret key	Provider URL	Action
embedding_openai_adasimilarity	Embedding_OpenAI_AdaSimilarity	Embedding	OpenAI	1		***	https://platform.openai.com/account/api-keys	Edit Delete
model_openai_text_davinci_003	Model OpenAI text-davinci-003	Model	OpenAI	text-davinci-003		***	https://platform.openai.com/account/api-keys	Edit Delete

Now, you can use the embedding provider to convert text to vectors.

After adding an embedding provider, you can use it to retrieve similar documents in Casibase. For more information, please refer to the Core Concepts section of our previous documentation.

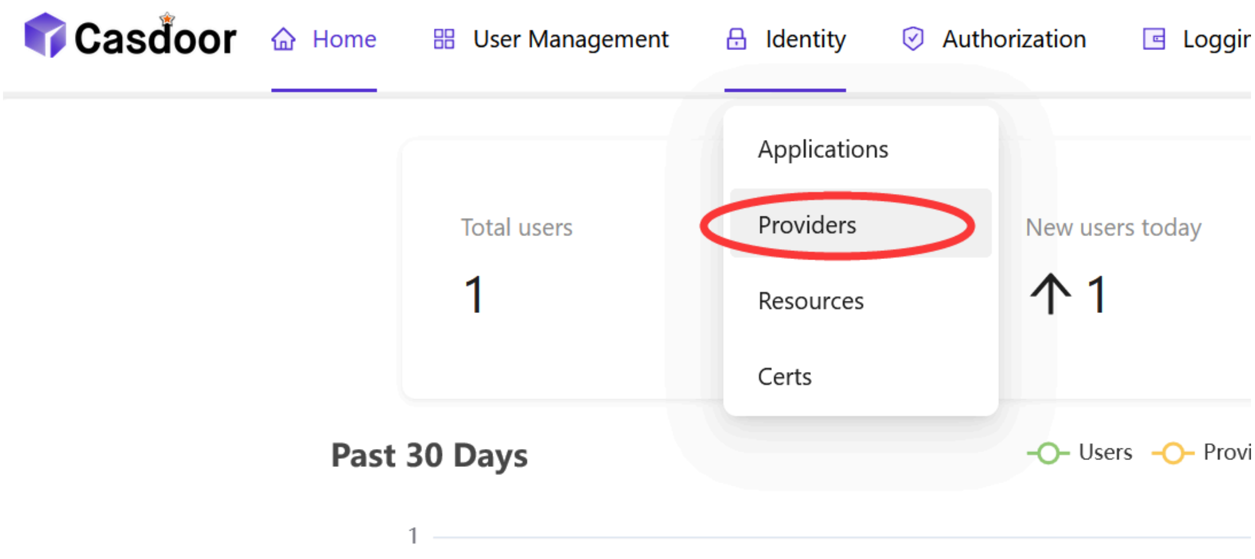
Storage Providers

Introduction

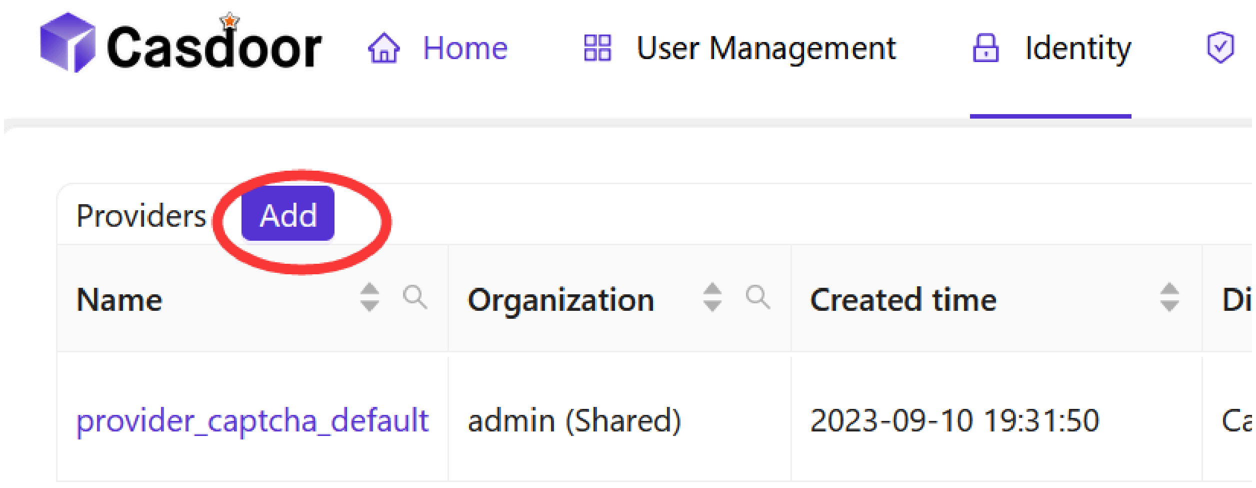
Adding a storage provider to Casibase enables you to efficiently manage and store data, making it an essential component for your knowledge base system.

Add a New Storage Provider

Storage providers are used to store data. They can be added in Casdoor by clicking the `Identity - Providers` button on the home page.



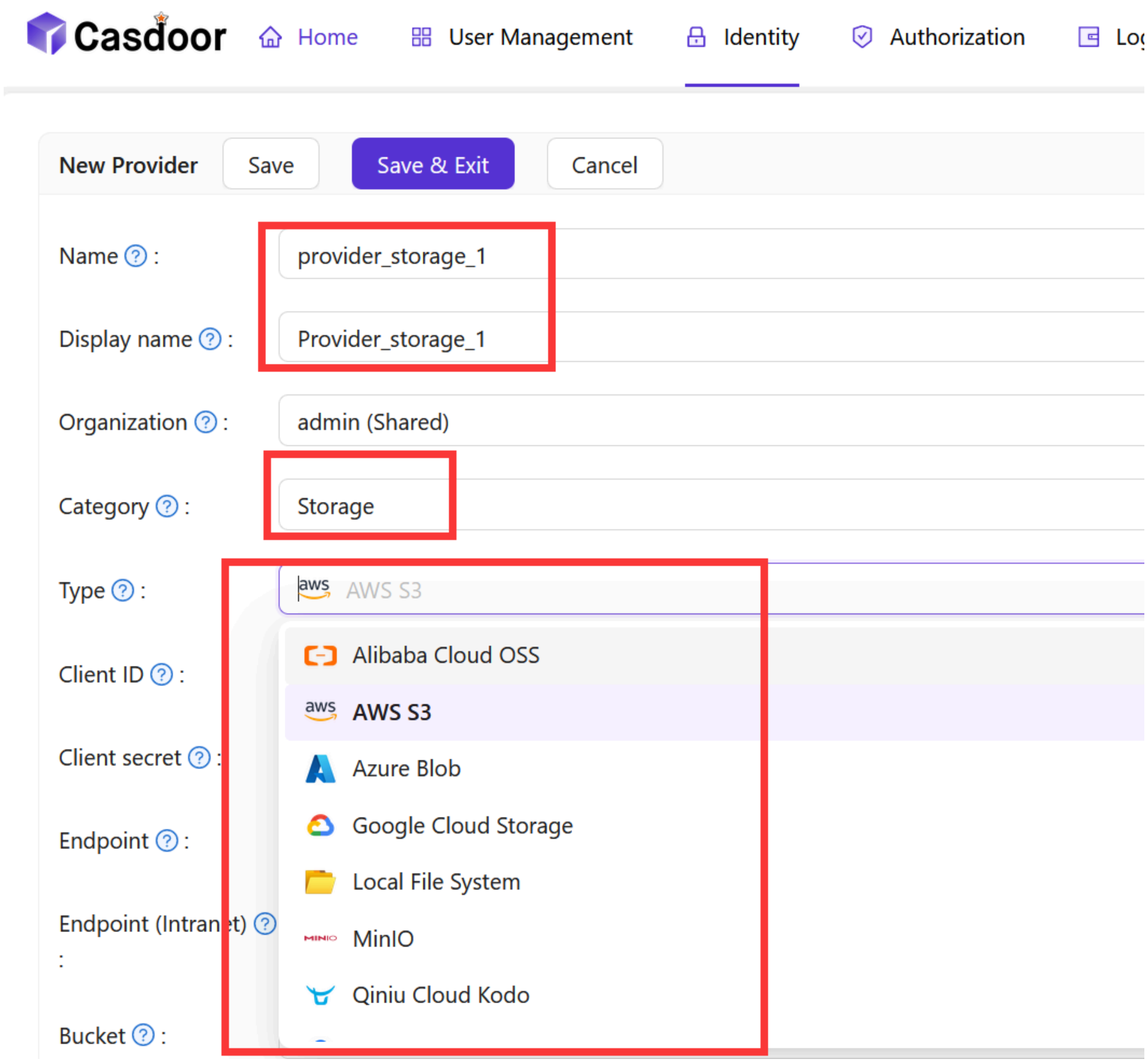
Click the `Add` button to add a storage provider.



Name	Organization	Created time	Di
provider_captcha_default	admin (Shared)	2023-09-10 19:31:50	Ca

Fill in the storage provider information

Fill in the storage provider information and click the `Save & Exit` button.



New Provider Save Save & Exit Cancel

Name: provider_storage_1

Display name: Provider_storage_1

Organization: admin (Shared)

Category: Storage

Type: AWS S3

Client ID:

Client secret:

Endpoint:

Endpoint (Intranet):

Bucket:

TIP

Casdoor supports many storage providers, including:

- AWS S3
- Azure Blob
- Google Cloud Storage
- MinIO

- Qiniu Cloud Kodo
- Alibaba Cloud OSS ...

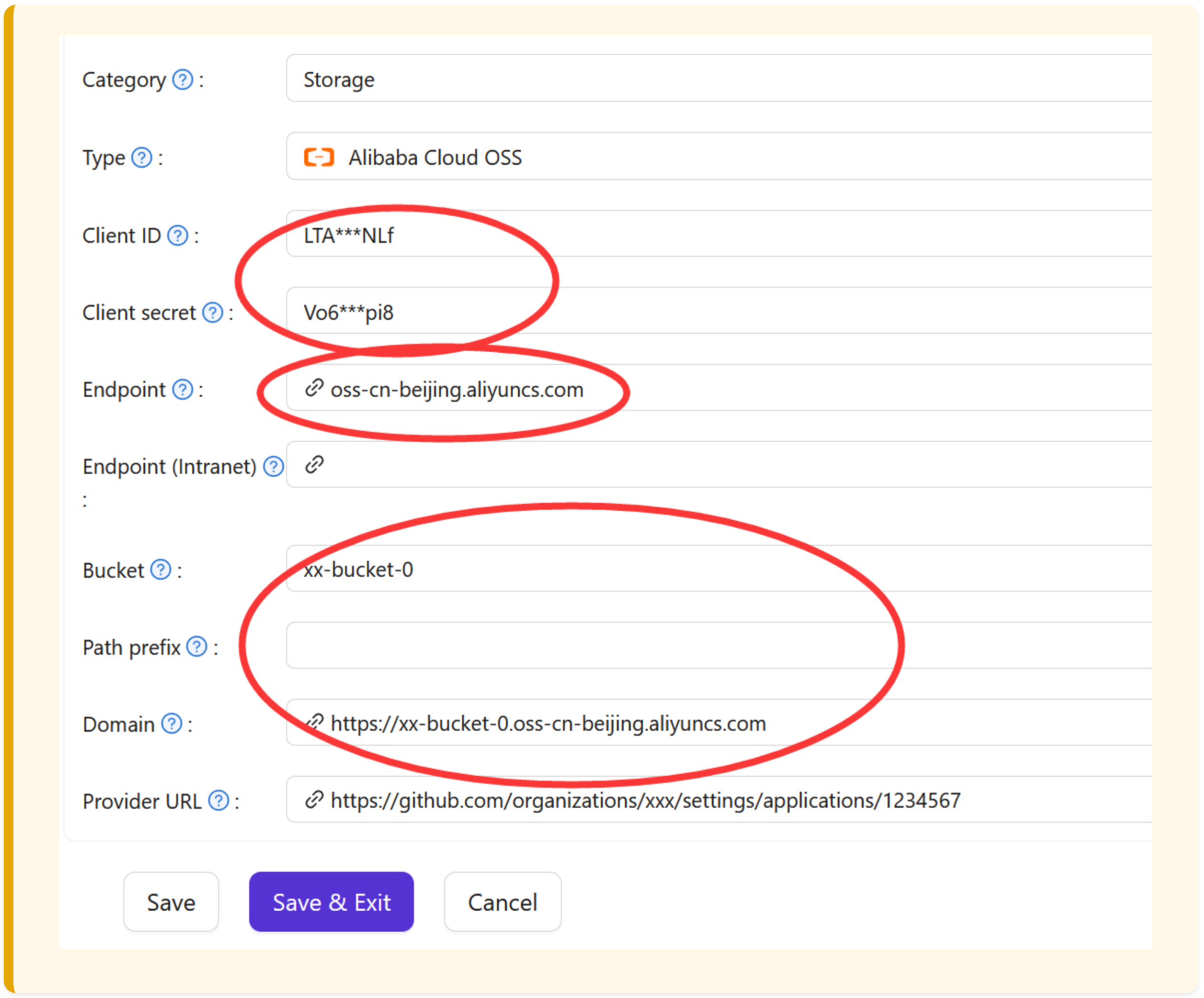
Example

Add an Aliyun OSS storage provider

CAUTION

- Client ID: The AccessKey ID of your Aliyun OSS account.
- Client Secret: The AccessKey Secret of your Aliyun OSS account.

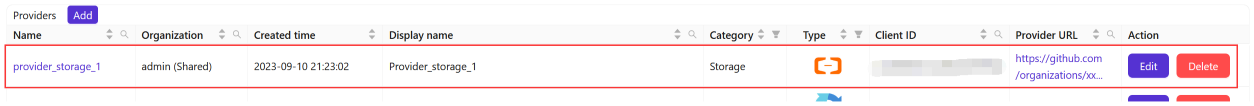
`****` is the placeholder for your Aliyun OSS account information.



Category ⓘ :	Storage
Type ⓘ :	Alibaba Cloud OSS
Client ID ⓘ :	LTA***NLf
Client secret ⓘ :	Vo6***pi8
Endpoint ⓘ :	oss-cn-beijing.aliyuncs.com
Endpoint (Intranet) ⓘ :	
Bucket ⓘ :	xx-bucket-0
Path prefix ⓘ :	
Domain ⓘ :	https://xx-bucket-0.oss-cn-beijing.aliyuncs.com
Provider URL ⓘ :	https://github.com/organizations/xxx/settings/applications/1234567

View the storage provider

After adding the storage provider, you can view the storage provider information.



Name	Organization	Created time	Display name	Category	Type	Client ID	Provider URL	Action
provider_storage_1	admin (Shared)	2023-09-10 21:23:02	Provider_storage_1	Storage		[redacted]	https://github.com /organizations/xx...	Edit Delete

Stores

📄 Overview

Stores Overview

📄 Store Configuration

After adding storage providers, model providers and embedding providers, we can configure the stores

Overview

1. Overview of the Stores Function

In Casibase, the Stores function is one of its core modules, which allows users to integrate storage, modelling, and embedding service providers for knowledge base data storage, text vector conversion, and interaction with chatbots. With the Stores feature, users can build an efficient, flexible and powerful AI knowledge management system.

2.Advantages of Stores

2.1 Multi-model integration

Casibase's Stores feature supports multiple mainstream AI language models, including OpenAI (e.g., GPT-3.5, GPT-4), Azure OpenAI, HuggingFace, Google Gemini, and so on. This multi-model support allows users to choose the most suitable AI model for their specific needs and find a balance between performance, cost and features.

2.2 Multiple storage and embedding options

Users are free to choose storage and embedding service providers to meet different data storage and processing needs. This flexibility enables users to configure the most appropriate storage and embedding solution based on their technology stack and business requirements.

2.3 Multi-Store Mode

Casibase supports a multi-Store model that allows users to use different models, storage and embedding services in different Stores to provide customised services for different scenarios and users. This feature enables users to flexibly configure and switch Stores according to different business requirements.

3.Summary

Casibase's Stores feature provides users with a powerful knowledge management tool that enables them to flexibly build and manage knowledge bases by integrating multiple AI models, stores and embedded services. Its multi-Store model and enterprise-level features further enhance the flexibility and security of the system, which is suitable for a variety of application scenarios.

Casibase is an open source AI knowledge base system designed to provide efficient and flexible knowledge management and dialogue solutions for enterprises. One of its core features is Providers, which allows users to integrate multiple AI models and storage services to enhance the functionality and performance of the system.Providers are divided into three main categories: Model Providers, Embedding Provides and Storage Providers, which are responsible for handling AI models and data storage, respectively.

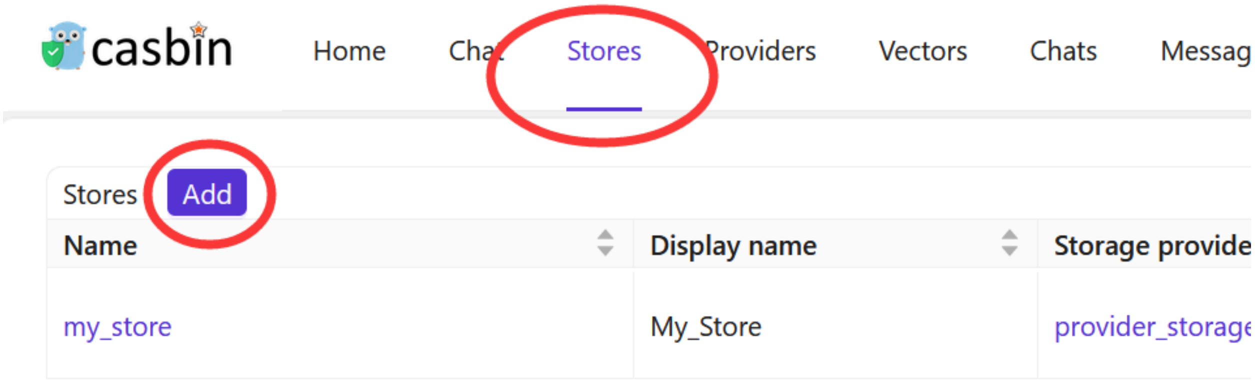
Store Configuration

After adding storage providers, model providers and embedding providers, we can configure the stores

1.Add a New Store

Stores are used to integrate storage, model, and embedding providers into Casibase. You can add them by following these steps:

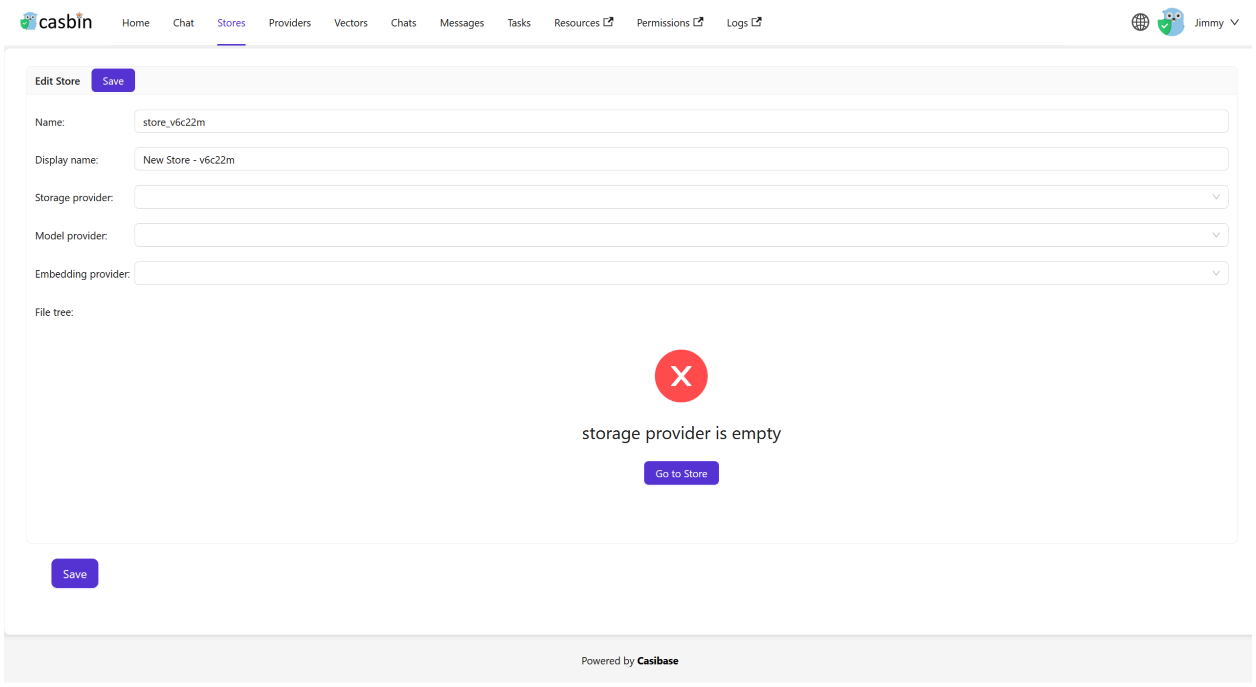
Click the `Stores` button on the home page and then click the `Add` button to add a store.



Name	Display name	Storage provide
my_store	My_Store	provider_storage

Fill in Store Details

Fill in the store details and click the `Save & Exit` button.



Name: store_v6c22m

Display name: New Store - v6c22m

Storage provider:

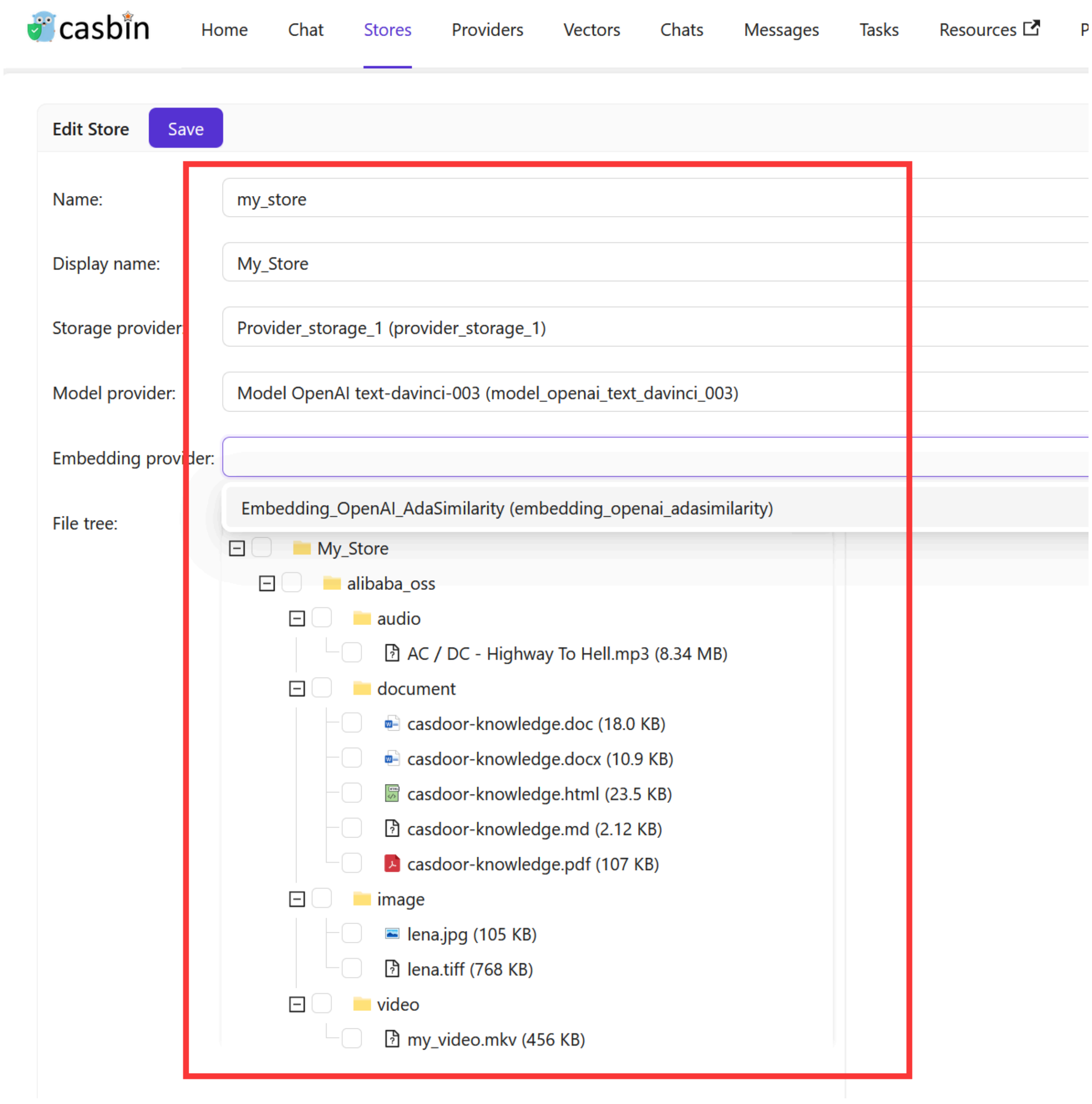
Model provider:

Embedding provider:

File tree:

storage provider is empty

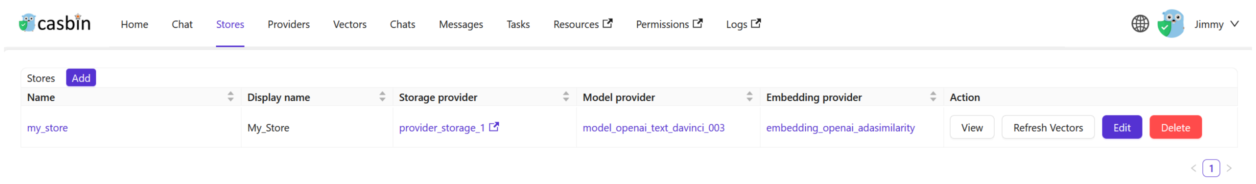
Select the storage provider, model provider, and embedding provider you added before.


Edit Store

Name:	my_store
Display name:	My_Store
Storage provider:	Provider_storage_1 (provider_storage_1)
Model provider:	Model OpenAI text-davinci-003 (model_openai_text_davinci_003)
Embedding provider:	Embedding_OpenAI_AdaSimilarity (embedding_openai_adasimilarity)
File tree:	

```
My_Store
  alibaba_oss
    audio
      AC / DC - Highway To Hell.mp3 (8.34 MB)
    document
      casdoor-knowledge.doc (18.0 KB)
      casdoor-knowledge.docx (10.9 KB)
      casdoor-knowledge.html (23.5 KB)
      casdoor-knowledge.md (2.12 KB)
      casdoor-knowledge.pdf (107 KB)
    image
      lena.jpg (105 KB)
      lena.tiff (768 KB)
    video
      my_video.mkv (456 KB)
```

Click the `Save & Exit` button and return to the stores list page:


Stores

Name	Display name	Storage provider	Model provider	Embedding provider	Action
my_store	My_Store	provider_storage_1	model_openai_text_davinci_003	embedding_openai_adasimilarity	View Refresh Vectors Edit Delete

Now, you can use the store to store knowledge base data, convert text to vectors, and chat with the chatbot.

In the next section, we will learn how to chat with the chatbot in Casibase.

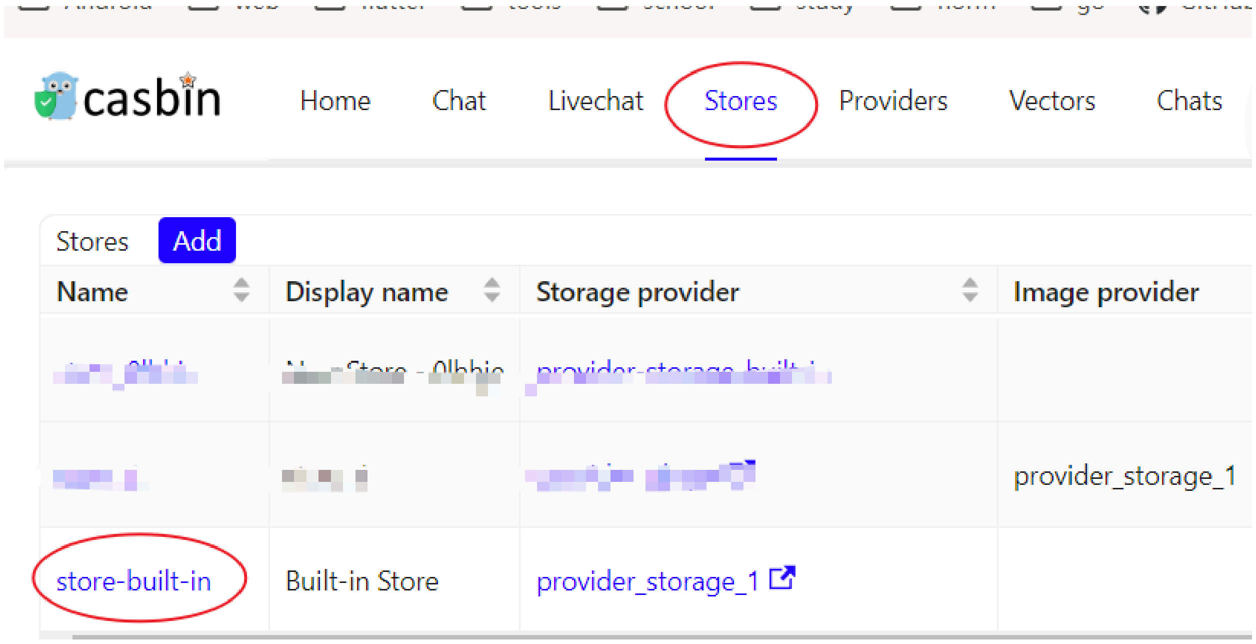
2.Support Multi-store

The multi-store mode provides users with different models, suggestions, and more within each distinct store.

Enable Multi-store

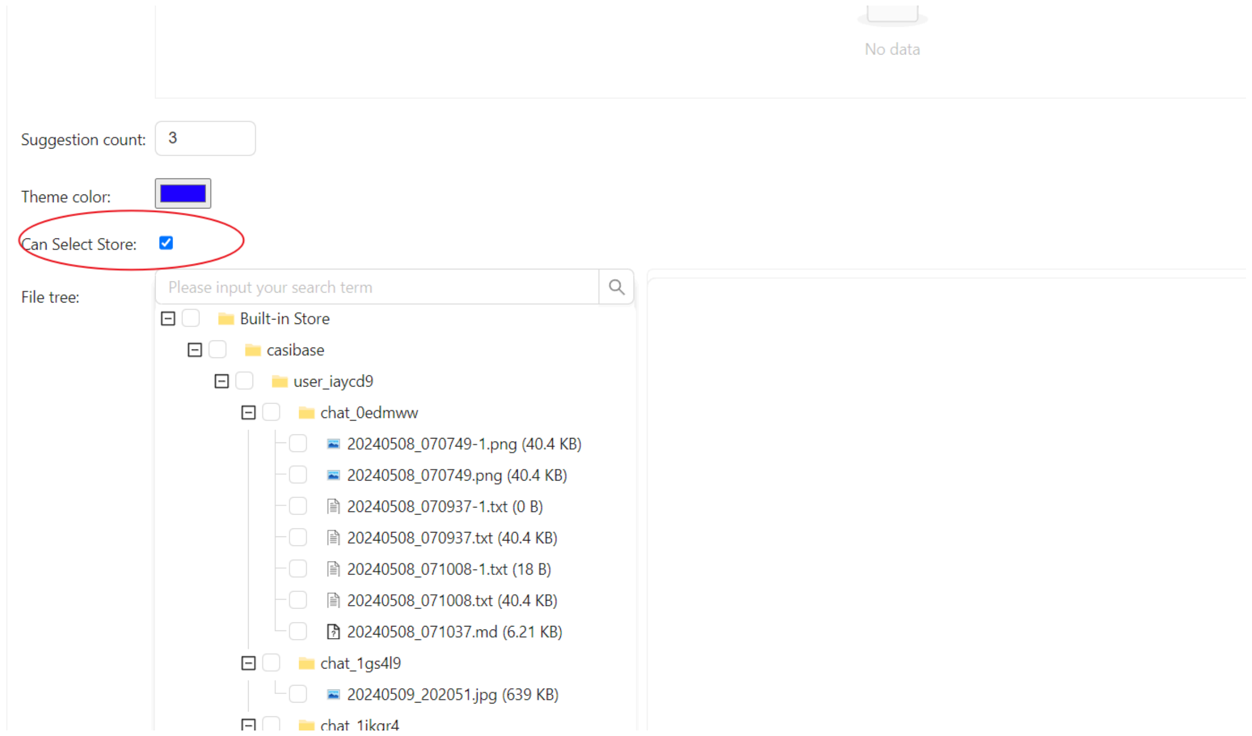
First, you should enable multi-store mode in the built-in store.

Click the `Stores` button on the home page and then click the `store-built-in` button to enter the store-built-in store.



Name	Display name	Storage provider	Image provider
[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	provider_storage_1
store-built-in	Built-in Store	provider_storage_1	

Scroll down and find the `Can Select Store` field, tick it.


No data

Suggestion count: 3

Theme color:

Can Select Store: ✓

File tree:

Please input your search term

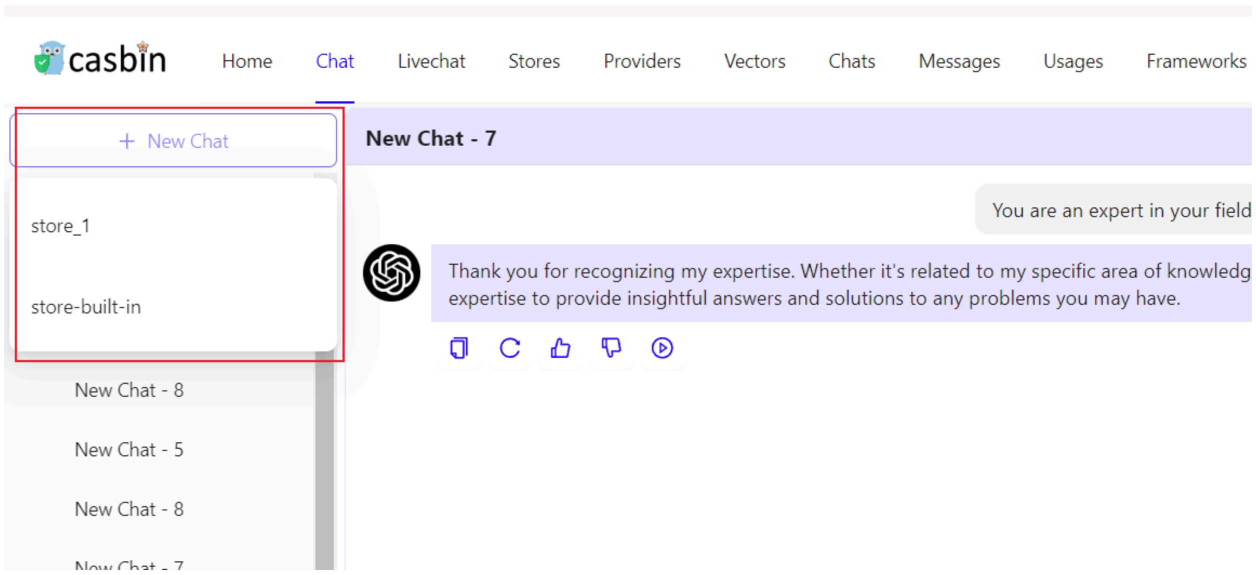
```
⊟ ☐ Built-in Store
  ⊟ ☐ casibase
    ⊟ ☐ user_iaycd9
      ⊟ ☐ chat_0edmww
          ☐ 20240508_070749-1.png (40.4 KB)
          ☐ 20240508_070749.png (40.4 KB)
          ☐ 20240508_070937-1.txt (0 B)
          ☐ 20240508_070937.txt (40.4 KB)
          ☐ 20240508_071008-1.txt (18 B)
          ☐ 20240508_071008.txt (40.4 KB)
          ☐ 20240508_071037.md (6.21 KB)
      ⊟ ☐ chat_1gs4l9
          ☐ 20240509_202051.jpg (639 KB)
      ⊟ ☐ chat_1ikqr4
```

Add Usable Stores

The multi-store mode only provides usable stores. To make a store usable, you need to configure its storage provider, model provider, and embedding provider.

Select For Conversation

Casibase provides a very convenient method for selecting a store.



You are an expert in your field

Thank you for recognizing my expertise. Whether it's related to my specific area of knowledg
expertise to provide insightful answers and solutions to any problems you may have.

Just hover your mouse over "New Chat" and then you can select the Store you wish to use from the list that appears below.

If you click the "New Chat" button, the system will assign you a default Store.

Vectors

📄 Overview

Vectors Overview

📄 Vectors Generation

The generation of vectors needs to be used in conjunction with stores, which means that you need to configure stores before you can understand vectors.

Overview

In Casibase, vectors are one of its core strengths. Vector technology plays a key role in knowledge representation and retrieval, and by pairing it with the stores feature, which converts data such as text and images into dense vectors, Casibase enables efficient similarity search and data analysis.

For information on the definition of vectors, see the core-concepts section in our previous documentation.

Application of vector technology in Casibase

Knowledge Embedding

Users can upload files in various formats (e.g. TXT, Markdown, Docx, PDF, etc.) and select embedding methods (e.g. Word2Vec, GloVe, BERT, etc.) to generate knowledge and corresponding vectors. These vectors are stored in a vector database for quick retrieval and query.

Similarity Search

Casibase converts the knowledge into vectors and stores them in a vector database. This vector representation supports a powerful similarity search function, which allows users to quickly find relevant information based on context or content.

Vectors Generation

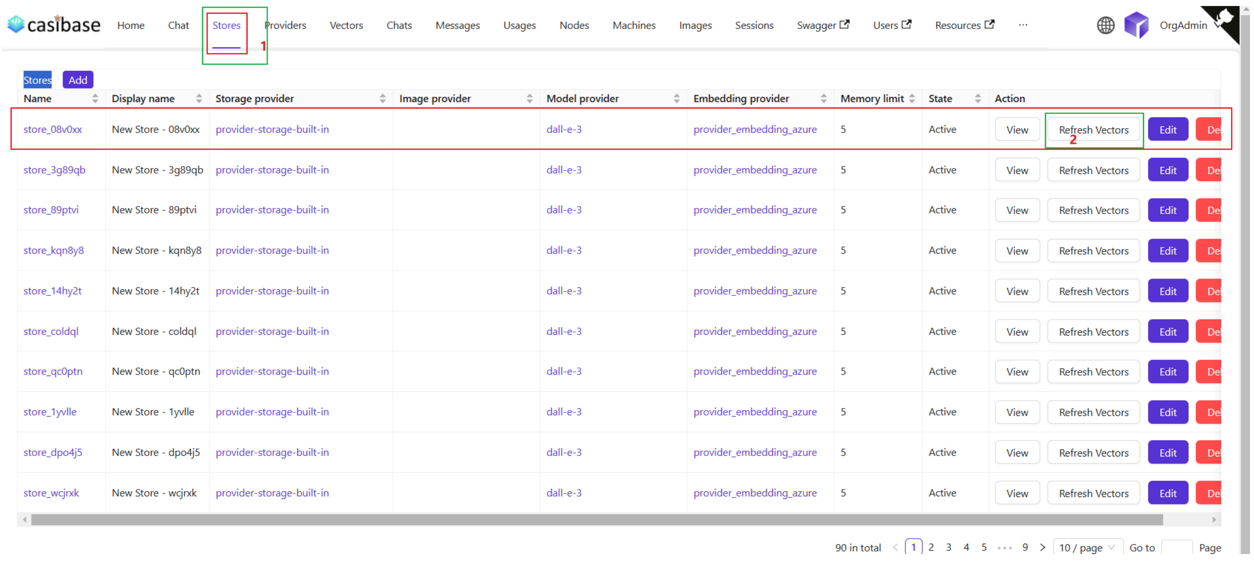
The generation of vectors needs to be used in conjunction with stores, which means that you need to configure stores before you can understand vectors.

Vectors are actually the result of embedding, which is the process of converting various types of data, such as text and images, into dense vector representations. This step is essential to facilitate efficient data processing and analysis within Casibase. With embedding, questions in chat and knowledge files in storage will be converted into vectors that will be used in the next step of knowledge search.

1. Refresh Vectors

The Refresh Vectors action is set as a button on each store data under the stores menu. In stores, since we will be setting up storage providers, it will provide us with a file tree for storing user files, so after configuring stores, save the configuration and return to the home page and you will see the file tree for the storage providers.

By clicking on the Refresh Vectors button for a particular stores, it will generate the corresponding vectors for all the files in the file tree for that stores by embedding them. The following figure shows the page and the operation.



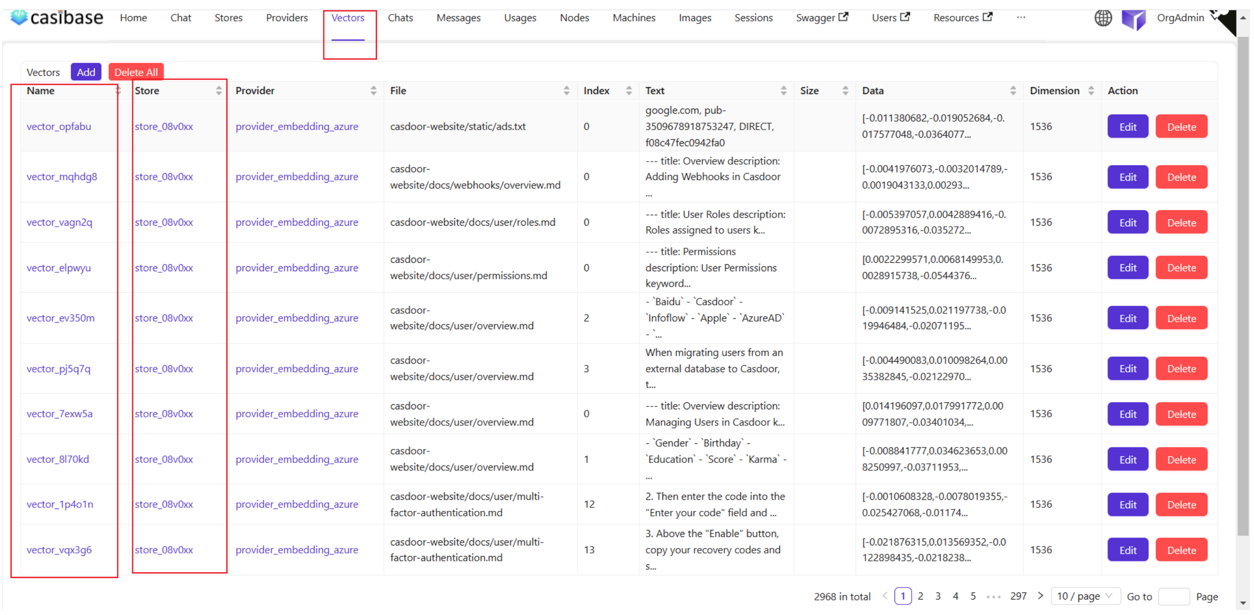
Stores Add

Name	Display name	Storage provider	Image provider	Model provider	Embedding provider	Memory limit	State	Action
store_08v0xx	New Store - 08v0xx	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_3g89qb	New Store - 3g89qb	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_89ptvi	New Store - 89ptvi	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_kqn8y8	New Store - kqn8y8	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_14hy2t	New Store - 14hy2t	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_coldql	New Store - coldql	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_qc0ptn	New Store - qc0ptn	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_1yvlle	New Store - 1yvlle	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_dpo4j5	New Store - dpo4j5	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De
store_wcjrxk	New Store - wcjrxk	provider-storage-built-in		dall-e-3	provider_embedding_azure	5	Active	View Refresh Vectors Edit De

90 in total < 1 2 3 4 5 ••• 9 > 10 / page Go to Page

2. View vectors

After that, we can view the specific vectors generated by that storages in the vector menu.

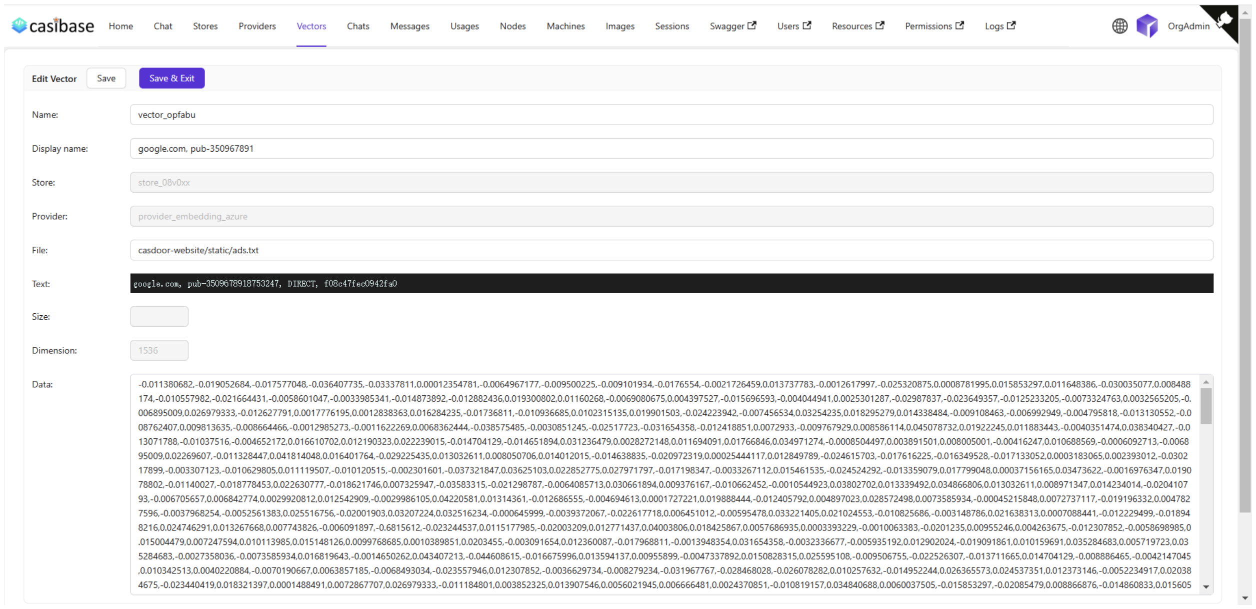


Vectors Add Delete All

Name	Store	Provider	File	Index	Text	Size	Data	Dimension	Action
vector_opfabu	store_08v0xx	provider_embedding_azure	casdoor-website/static/ads.txt	0	google.com, pub-3509678918753247, DIRECT, f08c47fec0942fa0		[-0.011380682,-0.019052684,-0.017577048,-0.0364077...	1536	Edit Delete
vector_mqhdg8	store_08v0xx	provider_embedding_azure	casdoor-website/docs/webhooks/overview.md	0	--- title: Overview description: Adding Webhooks in Casdoor ...		[-0.0041976073,-0.0032014789,-0.0019043133,0.00293...	1536	Edit Delete
vector_vagn2q	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/roles.md	0	--- title: User Roles description: Roles assigned to users k...		[-0.005397057,0.0042889416,-0.0072895316,-0.035272...	1536	Edit Delete
vector_elpwyu	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/permissions.md	0	--- title: Permissions description: User Permissions keyword...		[0.0022299571,0.0068149953,0.0028915738,-0.0544376...	1536	Edit Delete
vector_ev350m	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/overview.md	2	- `Baidu` - `Casdoor` - `Infoflow` - `Apple` - `AzureAD` - `...		[-0.009141525,0.021197738,-0.019946484,-0.02071195...	1536	Edit Delete
vector_pj5q7q	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/overview.md	3	When migrating users from an external database to Casdoor, t...		[-0.004490083,0.010098264,0.0035382845,-0.02122970...	1536	Edit Delete
vector_7exw5a	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/overview.md	0	--- title: Overview description: Managing Users in Casdoor k...		[0.014196097,0.017991772,0.0009771807,-0.03401034,...	1536	Edit Delete
vector_8l70kd	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/overview.md	1	- `Gender` - `Birthday` - `Education` - `Score` - `Karma` - ...		[-0.008841777,0.034623653,0.008250997,-0.03711953,...	1536	Edit Delete
vector_1p4o1n	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/multi-factor-authentication.md	12	2. Then enter the code into the "Enter your code" field and ...		[-0.0010608328,-0.0078019355,-0.025427068,-0.01174...	1536	Edit Delete
vector_vqx3g6	store_08v0xx	provider_embedding_azure	casdoor-website/docs/user/multi-factor-authentication.md	13	3. Above the "Enable" button, copy your recovery codes and s...		[-0.021876315,0.013569352,-0.0122898435,-0.0218238...	1536	Edit Delete

2968 in total < 1 2 3 4 5 ••• 297 > 10 / page Go to Page

We can see that the files in the stores from the previous step of refreshing vectors have been converted into vectors to display here.



Edit Vector

Name:	vector_opfabu
Display name:	google.com, pub-350967891
Store:	store_08v0xx
Provider:	provider_embedding_azure
File:	casdoor-website/static/ads.txt
Text:	google.com, pub-3509678918753247, DIRECT, f08c47fec0942fa0
Size:	
Dimension:	1536

Data:

```
-0.011380682,-0.019052684,-0.017577048,-0.036407735,-0.03337811,0.00012354781,-0.0064967177,-0.009500225,-0.009101934,-0.0176554,-0.0021726459,0.013737783,-0.0012617997,-0.025320875,0.0008781995,0.015853297,0.011648386,-0.030035077,0.008488
174,-0.010557982,-0.021664431,-0.0058601047,-0.0033985341,-0.014873892,-0.012882436,0.019300802,0.01160268,-0.0069080675,0.004397527,-0.015696593,-0.004044941,0.0025301287,-0.02987837,-0.023649357,-0.0125233205,-0.0073324763,0.0032565205,-0.
006895009,0.026979333,-0.012627791,0.0017776195,0.0012838363,0.016284235,-0.01736811,-0.010936685,0.0102315135,0.019901503,-0.024223942,-0.007456534,0.03254235,0.018295279,0.014338484,-0.009108463,-0.006992949,-0.004795818,-0.013130552,-0.0
08762407,0.009813635,-0.008664466,-0.0012985273,-0.0011622269,0.0068362444,-0.038575485,-0.0030851245,-0.02517723,-0.031654358,-0.012418851,0.0072933,-0.009767929,0.008586114,0.045078732,0.01922245,0.011883443,-0.0040351474,0.038340427,-0.0
13071788,-0.01037516,-0.004652172,0.016610702,0.012190323,0.022239015,-0.014704129,-0.014651894,0.031236479,0.0028272148,0.011694091,0.01766846,0.034971274,-0.0008504497,0.003891501,0.008005001,-0.00416247,0.010688569,-0.0006092713,-0.0068
95009,0.02269607,-0.011328447,0.041814048,0.016401764,-0.029225435,0.013032611,0.008050706,0.014012015,-0.014638835,-0.020972319,0.00025444117,0.012849789,-0.024615703,-0.017616225,-0.016349528,-0.017133052,0.0003183065,0.002393012,-0.0302
17899,-0.003307123,-0.010629805,0.011119507,-0.010120515,-0.002301601,-0.037321847,0.03625103,0.022852775,0.027971797,-0.017198347,-0.0033267112,0.015461535,-0.024524292,-0.013359079,0.017799048,0.00037156165,0.03473622,-0.0016976347,0.0190
78802,-0.01140027,-0.018778453,0.022630777,-0.018621746,0.007325947,-0.03583315,-0.021298787,-0.0064085713,0.030661894,0.009376167,-0.010662452,-0.0010544923,0.03802702,0.013339492,0.034866806,0.013032611,0.008971347,0.014234014,-0.0204107
93,-0.006705657,0.006842774,0.0029920812,0.012542909,-0.0029986105,0.04220581,0.01314361,-0.012686555,-0.004694613,0.0001727221,0.019888444,-0.012405792,0.004897023,0.028572498,0.0073585934,-0.00045215848,0.0072737117,-0.019196332,0.004782
7596,-0.0037968254,-0.0052561383,0.025516756,-0.02001903,0.03207224,0.032516234,-0.000645999,-0.0039372067,-0.022617718,0.006451012,-0.00595478,0.033221405,0.021024553,-0.010825686,-0.003148786,0.021638313,0.0007088441,-0.012229499,-0.01894
8216,0.024746291,0.013267668,0.007743826,-0.006091897,-0.6815612,-0.023244537,0.0115177985,-0.02003209,0.012771437,0.04003806,0.018425867,0.0057686935,0.0003393229,-0.0010063383,-0.0201235,0.00955246,0.004263675,-0.012307852,-0.0058698985,0
.015004479,0.007247594,0.010113985,0.015148126,0.0099768685,0.0010389851,0.0203455,-0.003091654,0.012360087,-0.017968811,-0.0013948354,0.031654358,-0.0032336677,-0.005935192,0.012902024,-0.019091861,0.010159691,0.035284683,0.005719723,0.03
5284683,-0.0027358036,-0.0073585934,0.016819643,-0.0014650262,0.043407213,-0.044608615,-0.016675996,0.013594137,0.00955899,-0.0047337892,0.0150828315,0.025595108,-0.009506755,-0.022526307,-0.013711665,0.014704129,-0.008886465,-0.0042147045
,0.010342513,0.0040220884,-0.0070190667,0.0063857185,-0.0068493034,-0.023557946,0.012307852,-0.0036629734,-0.008279234,-0.031967767,-0.028468028,-0.026078282,0.010257632,-0.014952244,0.026365573,0.024537351,0.012373146,-0.0052234917,0.02038
4675,-0.023440419,0.018321397,0.0001488491,0.0072867707,0.026979333,-0.011184801,0.003852325,0.013907546,0.0056021945,0.006666481,0.0024370851,-0.010819157,0.034840688,0.0060037505,-0.015853297,-0.02085479,0.008866876,-0.014860833,0.015605
```

The edit page of my vectors shows specific information such as the name of the store, the name of the embedding model, the name of the file in which the embedding was performed, the file size, the dimension, the vectors data, and so on.

Chats

📄 Overview

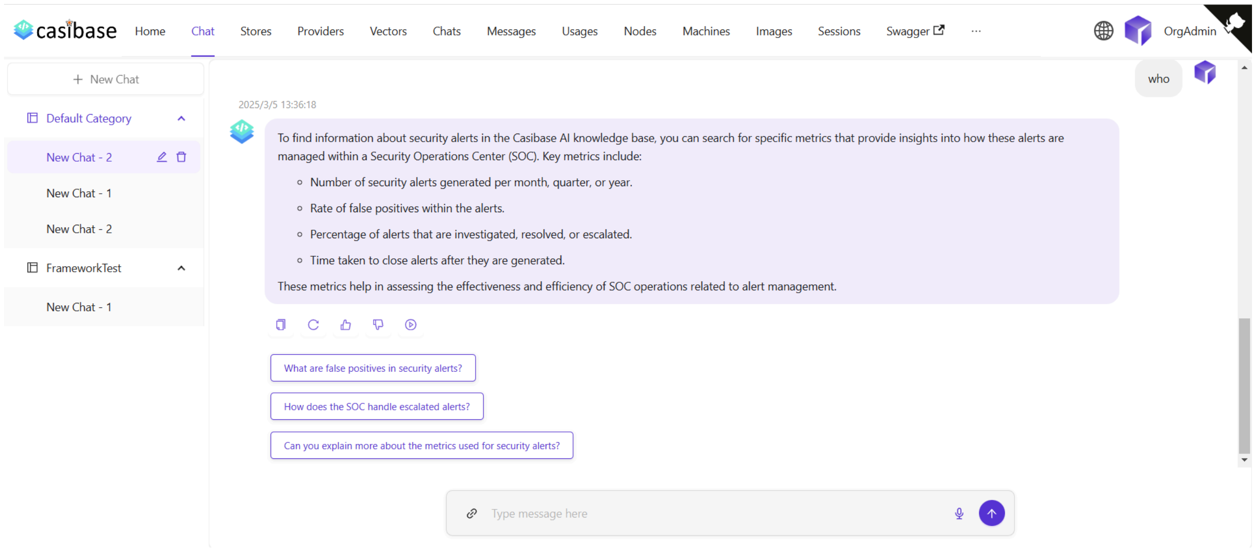
Chats Overview

Overview

In this section, we introduce the most central part of Casibase: chat and its management.

1. Chat

Once we have configured the store, we can have a dialogue with the AI. This is shown in the image below:



who

2025/3/5 13:36:18

To find information about security alerts in the Casibase AI knowledge base, you can search for specific metrics that provide insights into how these alerts are managed within a Security Operations Center (SOC). Key metrics include:

- Number of security alerts generated per month, quarter, or year.
- Rate of false positives within the alerts.
- Percentage of alerts that are investigated, resolved, or escalated.
- Time taken to close alerts after they are generated.

These metrics help in assessing the effectiveness and efficiency of SOC operations related to alert management.

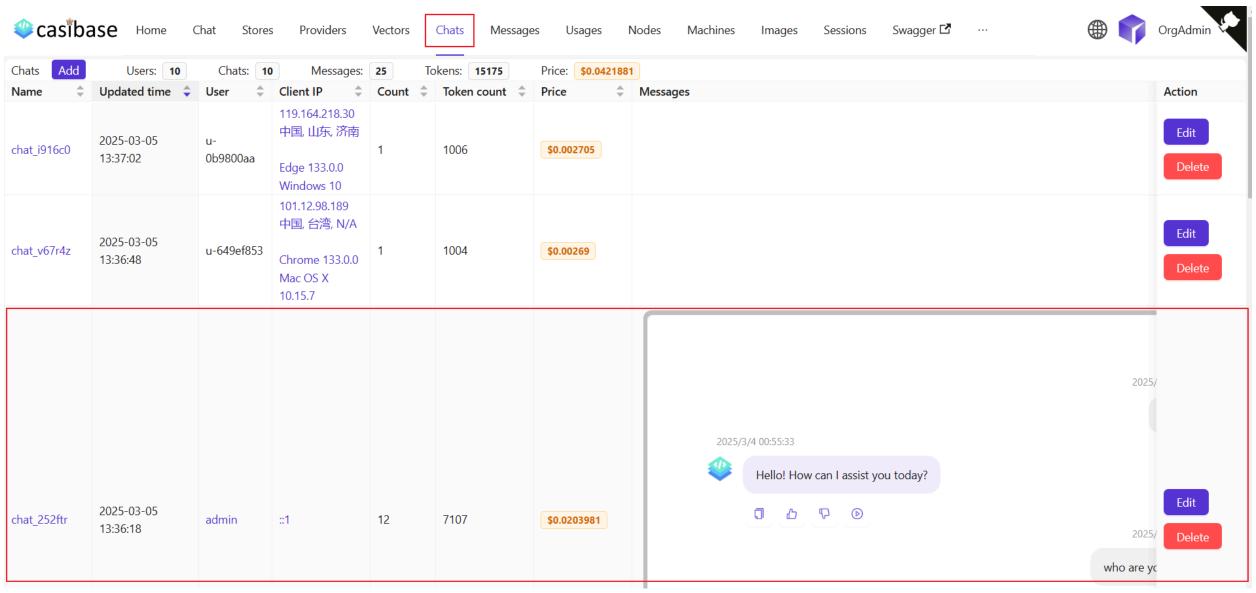
What are false positives in security alerts?

How does the SOC handle escalated alerts?

Can you explain more about the metrics used for security alerts?

2. Chats (Chat management)

We can manage our chat sessions from the Chats menu.



Chats Add Users: 10 Chats: 10 Messages: 25 Tokens: 15175 Price: $0.0421881

Name	Updated time	User	Client IP	Count	Token count	Price	Messages	Action
chat_i916c0	2025-03-05 13:37:02	u-0b9800aa	119.164.218.30 中国, 山东, 济南 Edge 133.0.0 Windows 10	1	1006	$0.002705		Edit Delete
chat_v67r4z	2025-03-05 13:36:48	u-649ef853	101.12.98.189 中国, 台湾, N/A Chrome 133.0.0 Mac OS X 10.15.7	1	1004	$0.00269		Edit Delete
chat_252ftr	2025-03-05 13:36:18	admin	::1	12	7107	$0.0203981	2025/ 2025/3/4 00:55:33 Hello! How can I assist you today? 2025/ who are yo	Edit Delete

This page allows the user to view the information of the created chats, and the user can also click on Edit to view or edit them. They display the following information:

- `Name`: The name of the created chat.
- `Updated time`: The time when the chat is Updated.
- `User`: The user to whom the chat belongs.
- `Client IP`: Client IP of the chat.
- `Count`: Number of inputs and outputs for this chat.
- `Token count`: The total number of tokens used for this chat.
- `Price`: Total price spent on this chat.
- `Messages`: Showing the content of the chat's message.
- `Store`: Display the Store to which the chat belongs.
- `Category`: Display the Category to which the chat belongs.

Messages

📄 Overview

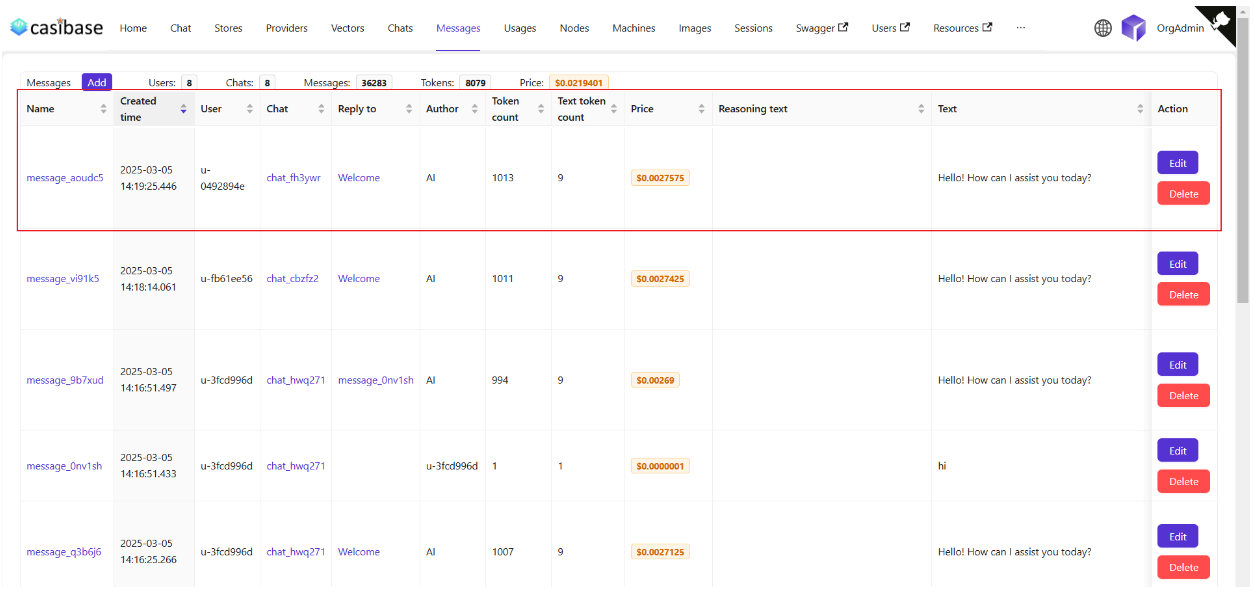
Messages Overview

Overview

In this section, we introduce the functionality of message in Casibase.

Messages

The messages module manages all the messages in our sessions, it shows the creation time of each message, the chat it belongs to, the parent message, the number of tokens, the price, the text message of the reply, the vectors, the suggestions and so on.



Messages Add Users: 8 Chats: 8 Messages: 36283 Tokens: 8079 Price: $0.0219401

Name	Created time	User	Chat	Reply to	Author	Token count	Text token count	Price	Reasoning text	Text	Action
message_aoudc5	2025-03-05 14:19:25.446	u-0492894e	chat_fh3ywr	Welcome	AI	1013	9	$0.0027575		Hello! How can I assist you today?	Edit Delete
message_vi91k5	2025-03-05 14:18:14.061	u-fb61ee56	chat_cbzfz2	Welcome	AI	1011	9	$0.0027425		Hello! How can I assist you today?	Edit Delete
message_9b7xud	2025-03-05 14:16:51.497	u-3fcd996d	chat_hwq271	message_0nv1sh	AI	994	9	$0.00269		Hello! How can I assist you today?	Edit Delete
message_0nv1sh	2025-03-05 14:16:51.433	u-3fcd996d	chat_hwq271		u-3fcd996d	1	1	$0.0000001		hi	Edit Delete
message_q3b6j6	2025-03-05 14:16:25.266	u-3fcd996d	chat_hwq271	Welcome	AI	1007	9	$0.0027125		Hello! How can I assist you today?	Edit Delete