Quick Start Guide

Get your Commvault Data Retrieval app running in 5 minutes!

Step 1: Install Dependencies

```
pip install -r requirements.txt
```

This installs Flask and requests libraries.

Step 2: Configure Your Commvault Connection

The config.ini file is already set up with your credentials:

```
[commvault]
base_url = http://commvaultweb01.jhb.seagatestoragecloud.co.za:81/SearchSvc/CVWebServ
username = guys@storvault.co.za
password = U3RyMzN0MDkhIQ==
```

If you need to change these, edit the file or use the web interface.

Step 3: Run the Application

```
python app.py
```

You should see:

```
* Running on http://0.0.0.0:5000
* Debug mode: on
```

Step 4: Open in Browser

Navigate to: **http://localhost:5000**

Step 5: Fetch Data

1. The form will be pre-filled with your config settings
2. Select which data types you want to retrieve:
3. ☑ Clients
4. ☑ Jobs
5. ☑ Plans
6. ☑ Storage
7. Click **"Fetch Data from Commvault"**
8. Wait for data to be retrieved (may take a few seconds)
9. View the results on the results page!

Step 6: Browse Your Data

Use the navigation menu to view different data types: - **View Clients** - All client machines - **View Jobs** - Latest 100 backup/restore jobs - **View Plans** - Backup plans and policies - **View Storage** - Storage policy configurations

Database Location

All data is stored in: `Database/commvault.db`

You can query this SQLite database directly using tools like: - [DB Browser for SQLite](#) - `sqlite3` command line - Python scripts

Troubleshooting

Can't connect? - Check the base URL is accessible from your machine - Verify credentials are correct - Ensure the Commvault server is running

Authentication failed? - The password in config is Base64-encoded: `U3RyMzN0MDkhIQ==` - If you need to change it, you can enter a plaintext password in the web form

No data showing? - Check that the data types exist in your CommCell - Look for error messages on the results page - Check your user has permissions to access the API

Next Steps

- Explore the [README.md](#) for detailed documentation
- Modify [app.py](#) to add custom data processing
- Query the database directly for custom reports
- Schedule automated data fetching with cron/Task Scheduler

API Endpoints Overview

What You Click	API Called	What You Get
Fetch Clients	`/Client`	All backup clients
Fetch Jobs	`/Job`	Backup/restore jobs
Fetch Plans	`/Plan`	Backup policies
Fetch Storage	`/V2/StoragePolicy`	Storage configs

Ready to go! Start the app and begin retrieving your Commvault data.