

# विश्ववाCTF

CHALLENGE NAME : PATH TO ENTRY

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CATEGORY : DIGITAL FORENSICS

LEVEL : MEDIUM



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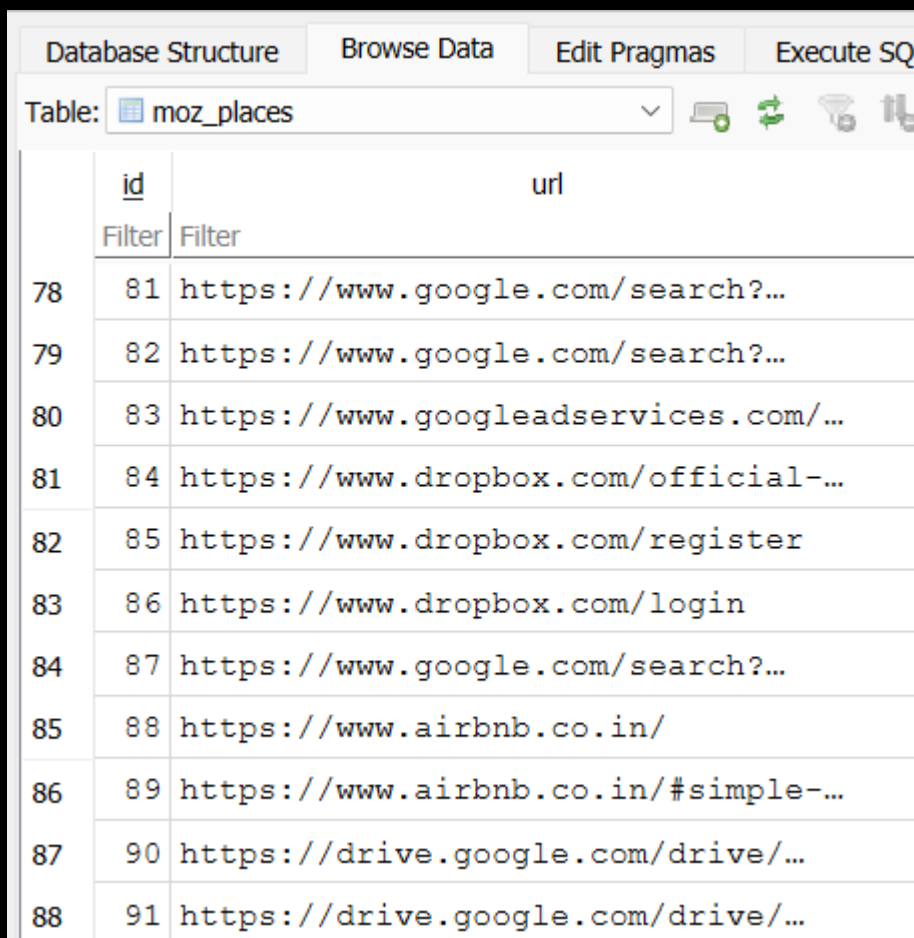
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## Challenge Description:

Case : An undercover chef's house was raided. She was rumored to possess a secret key. Unfortunately, she escaped, but on searching her house we found her logged out laptop, drives and other belongings. On investigating the laptop, we found her Firefox browser information. Help us find the secret key.

## Solution :

In the given file, open places.sqlite using sqlite browser. From there navigate to browse data then moz\_places. Here in the search history a google drive link is provided.



The screenshot shows the SQLite Browser interface with the 'moz\_places' table selected. The table has two columns: 'id' and 'url'. The data is as follows:

	id	url
78	81	https://www.google.com/search?...
79	82	https://www.google.com/search?...
80	83	https://www.googleadservices.com/...
81	84	https://www.dropbox.com/official-...
82	85	https://www.dropbox.com/register
83	86	https://www.dropbox.com/login
84	87	https://www.google.com/search?...
85	88	https://www.airbnb.co.in/
86	89	https://www.airbnb.co.in/#simple-...
87	90	https://drive.google.com/drive/...
88	91	https://drive.google.com/drive/...

On opening the drive link we find a password protected file called as pizza.

To find the password:

Clone the github repository for firefox\_decryption.

then in terminal: `python firefox_decrypt.py <path_to_login.json>`

a profile location

Website: <https://edition.cnn.com>

Username: ''

Password: 'p23egh4567nd'

Website: <https://www.amazon.in>

Username: 'wertyu@gmail.com'

Password: 'wert2345sd2@'

Website: <https://accounts.evernote.com>

Username: 'erty3456@gmail.com'

Password: 'qwerty123@'

Website: <https://www.facebook.com>

Username: 'ewrty@gamil.com'

Password: '123456werxcv'

Website: <https://auth.allrecipes.com>

Username: 'dont.look.here@gmail.com'

Password: 'S0u5\_Ch3f'

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Website: <https://www.dropbox.com>

Username: '3456sdfgh@gmail.com'

Password: 'asdf@dfg1'

Website: <https://www.airbnb.co.in>

Username: 'dfg3456@gmail.com'

Password: 'fghjb223S'

On entering the password, pdf file opens and flag is displayed

**FLAG = RecruitmentCTF{D1g1T4l3v1D3nce}**

