KNEO 300 Chatbot Guide V1.0

(For Regular User)

Mar, 2024

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Revision History:

Doc Version	Description	Firmware Version	Date
1.0	Initial version	V0.14.1	2024/03/11

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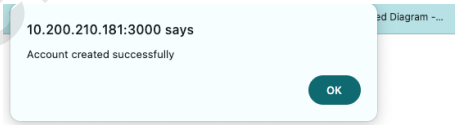
Chatbot Usage Guide

1. Apply for web-browser URL

Enter device IP which leads to chatbot service. IP address should contain port 3000, e.g. 10.200.210.181:3000

Enter the login interface.

a. For first time use, please create an account by selecting “Signup”



b. Sign in by using an existing account or the account just setup from Step A. The process may take up to 30 seconds to be completed.
Note: Do not click the Sign-in button back and forth

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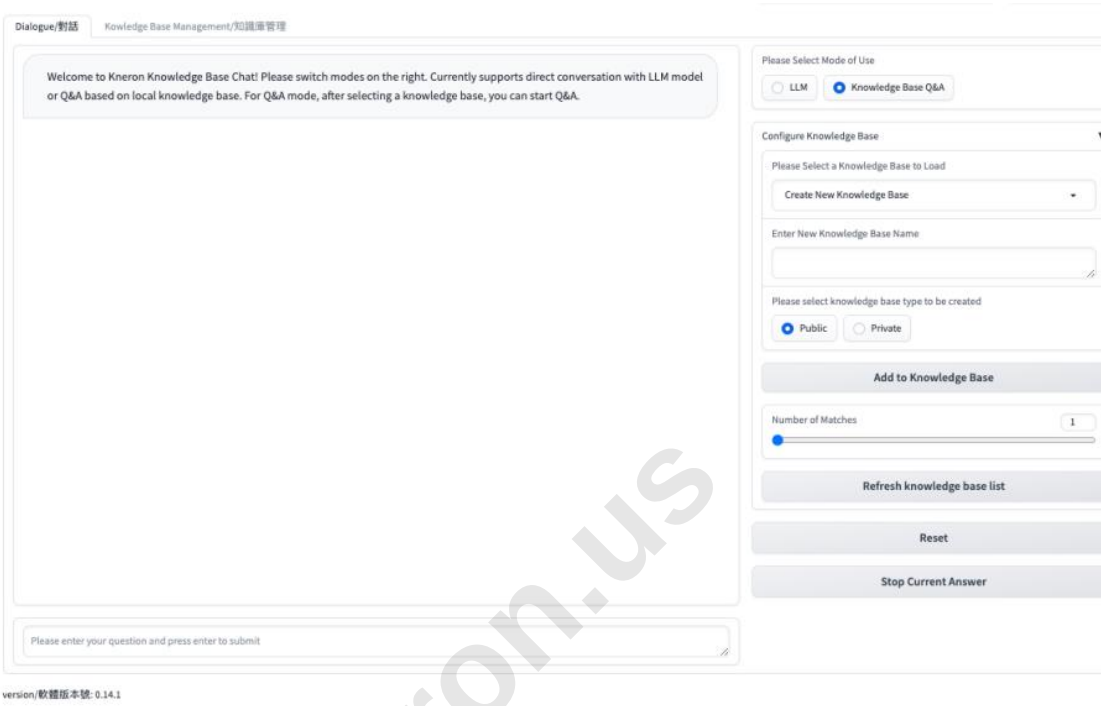
c. Once the system is ready, the following interface appears.



2. WEBUI interface introduction

The left side of WEBUI is main function frame, The Dialogue tab shows page where users can have interactive conversations. The knowledge base management tab page performs knowledge base operations such as deleting and merging existing knowledge bases.

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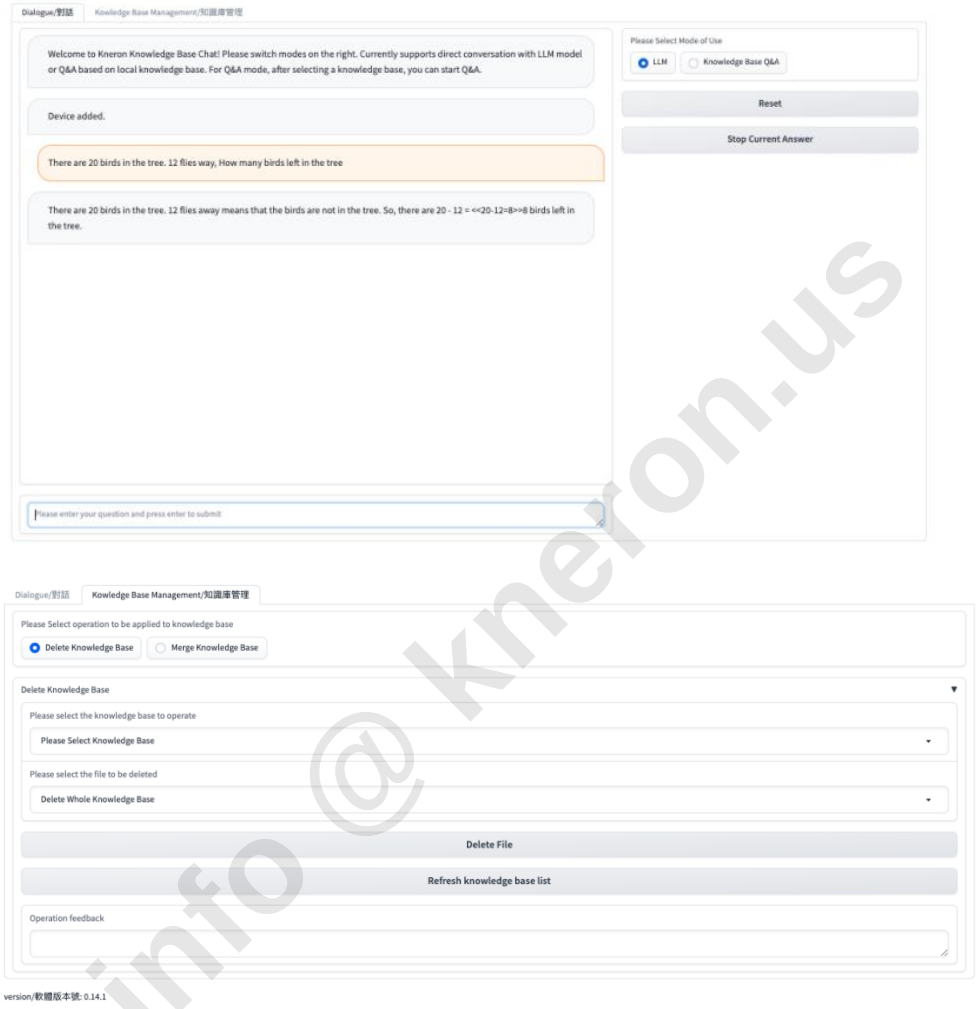
The right side of WEBUI is the frame of chat mode selection. Currently we have launched two modes: free conversation and knowledge base conversation.

2.1 Free conversation mode



Click the “LLM” button to switch to free conversation mode. Users can enter questions they want to ask in the chat box.
There are two control buttons in free conversation mode:
“Reset”: reset the dialog box.
“Stop current answer”: stop the current conversation.

2.2 Knowledge base question and answer mode

Click the "Knowledge Base Q&A” to switch to Knowledge base mode, and Users can conduct Q&A

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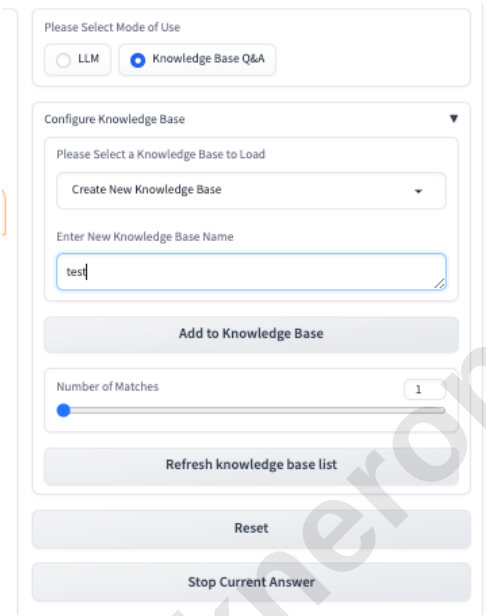
based on the selected knowledge base in this interface. Users can select an existing knowledge base or create new knowledge base.

To select an existing knowledge base by opening “Configure Knowledge Base” frame and choose an interested knowledge base from “Please Select a Knowledge Base to Load” menu.

2.2.1 Create new database



1) To name a new knowledge database In Configure Knowledge Base section:

a. " Create New Knowledge Base " in " Please Select a Knowledge Base to Load ".

b. Enter the name of new knowledge in " Enter New Knowledge Base Name "

c. Click the " Add to Knowledge Base " button to complete the creation of the knowledge base.

2) Upload files which are relevant to this knowledge base

a. Currently supports documents in docx, pdf, txt, and md formats.

b. Drag the files into the " Upload Files " box.

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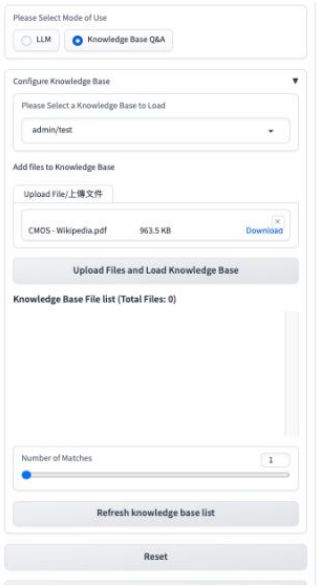
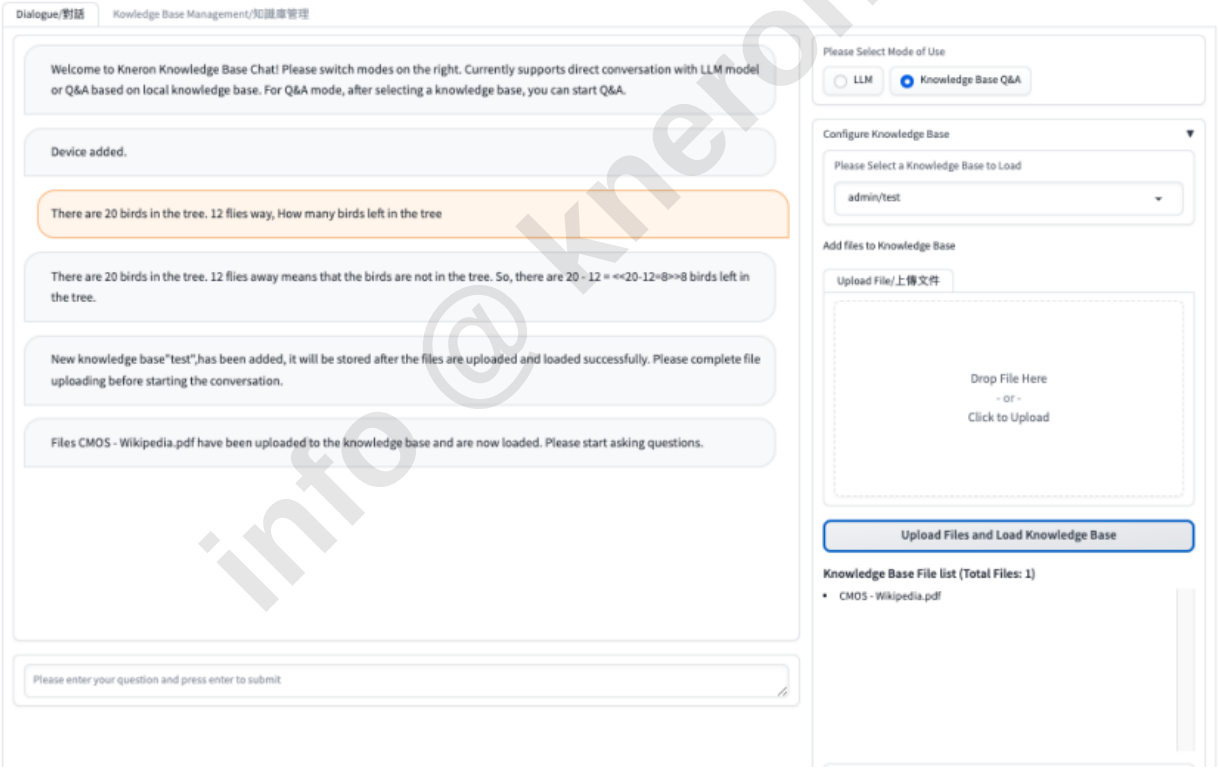


c. Click the " Upload File and Load Knowledge Base " button to upload the document.

d. Once the upload is completed, the name of the uploaded document and the number of documents currently in the knowledge base will be displayed in the " Knowledge Base File List"



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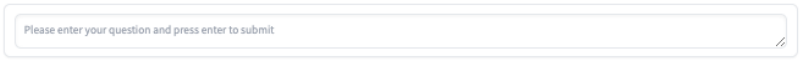
Hint:

- Please keep the file name specifications in the uploaded file name and do not include special characters, such as (), $, {}, etc.
- Normally, it takes about 15 seconds to upload a file of size 25kb, just for reference. Upload speed will be affected by file size, type, format and current network environment.

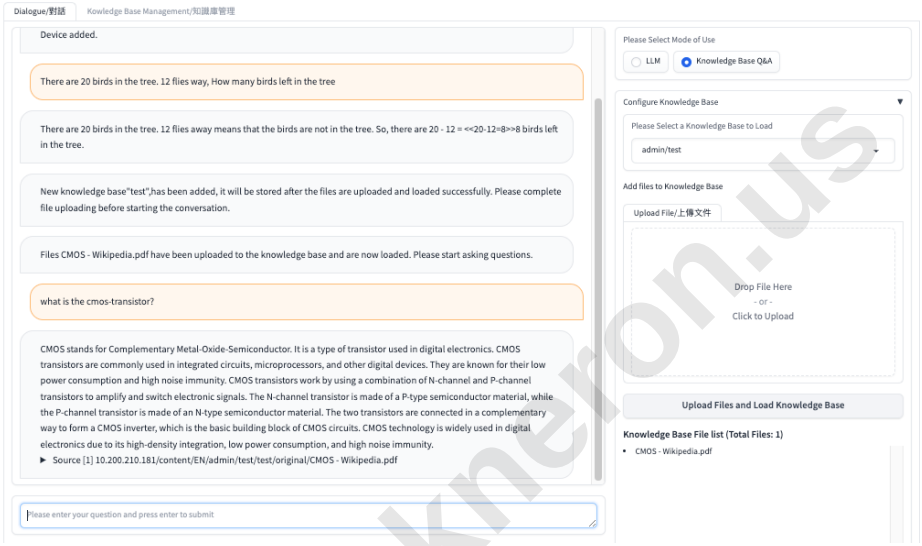
2.2.3 Question and answer based on knowledge base

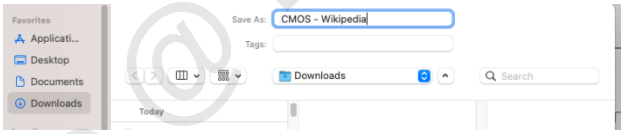
a. On the right side, " Please select the knowledge base to load " select the knowledge base to be based on

b. Type your question in the dialog box on the left and click Enter to send the conversation.



2.2.4 Download and view knowledge base files





a. In the generated answer, you can view the source information and documents.

b. Copy the highlighted part in the picture, open a new tab in the browser, paste the file path, and click Enter to view or download the source content.

2.3 Other function introduction

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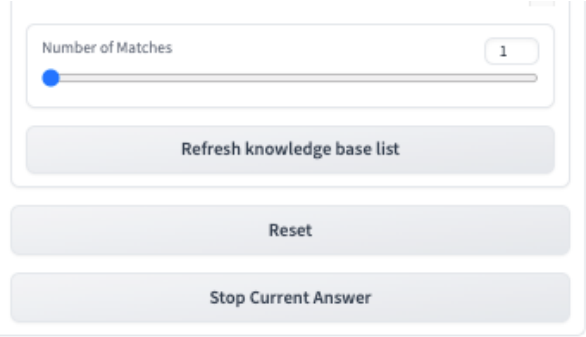

a. "Number of matches": The number of entries found in a given database that are related to or matching the query text. Currently the default is 1
b. " Refresh knowledge base list ": Click this button to refresh the directory of the current knowledge base.
c. " Reset " Click this button to reset the dialog box.
d. Stop current answer: Click this button to interrupt the current conversation.

2.4 Web caching

a. usera (regular user) has logged in before , after the device firmware is updated, when logging in with the same interface, due to the existence of web page cache, as shown in the figure below, you need to click the mailbox- >log out->then log in.

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3. Others

If the network you are connected to is a non-public IP, that is, it is used within a local network (such as a home, school, or corporate network) and is used for communication within the internal network (such as printers, smart devices, etc.), These IP addresses are usually automatically assigned by the local network's router. Please follow these steps:

3.1 Enable the machine to automatically start the service on port 3000. On your local computer, please set up a local proxy.
ssh - NfL 127.0.0.1:8080:127.0.0.1:3000 linaro@192.168.200.102 (This is a device ip address example, please change to your actual machine ip address)

```
linaro@chatrobot:~$ ssh -NfL 127.0.0.1:8080:127.0.0.1:9999 linaro@192.168.10.150
The authenticity of host '192.168.10.150 (192.168.10.150)' can't be established.
ECDSA key fingerprint is SHA256:BJFWWAT2tF6MNQJrXY5QSukA7PZ9G16ejqacHf95Tqw.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.10.150' (ECDSA) to the list of known hosts.
linaro@192.168.10.150's password:
```

3.2 Set up the proxy on the local machine, taking chrome as an example.

a. Go to settings.

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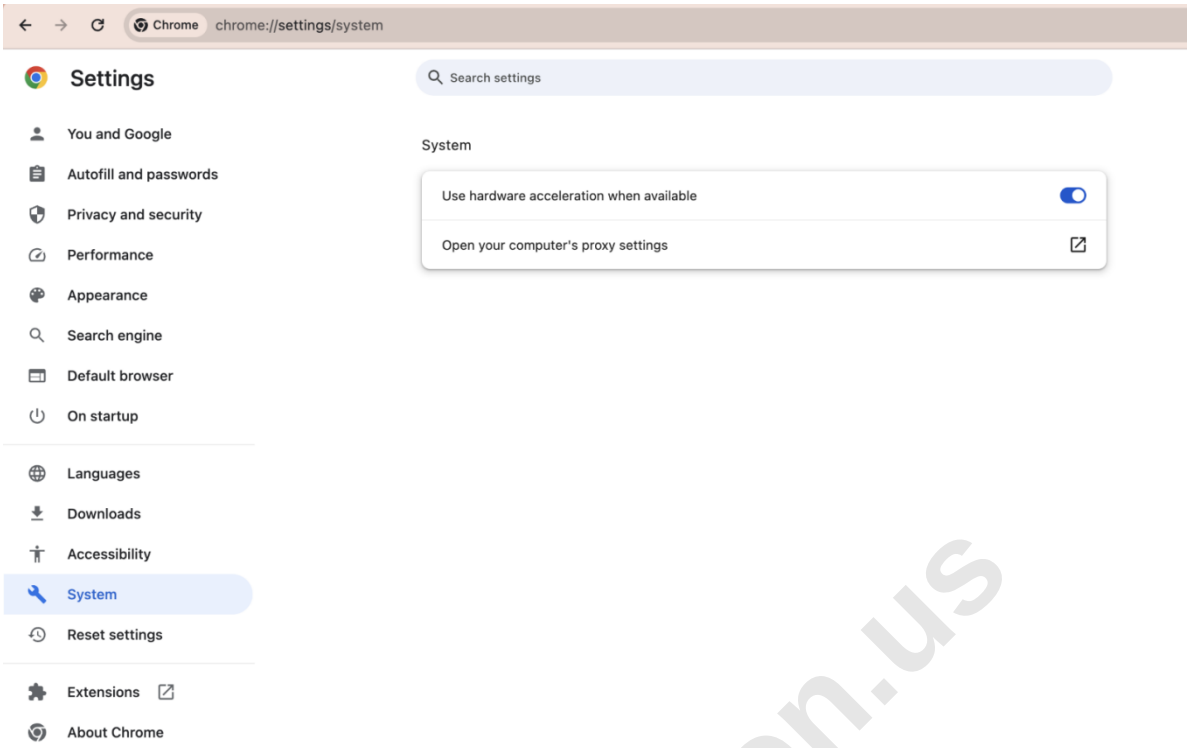

3.3 Find the system in the left column, click Open your computer's proxy settings, and then set the SOCKs proxy server (127.0.0.1) and port (8080)

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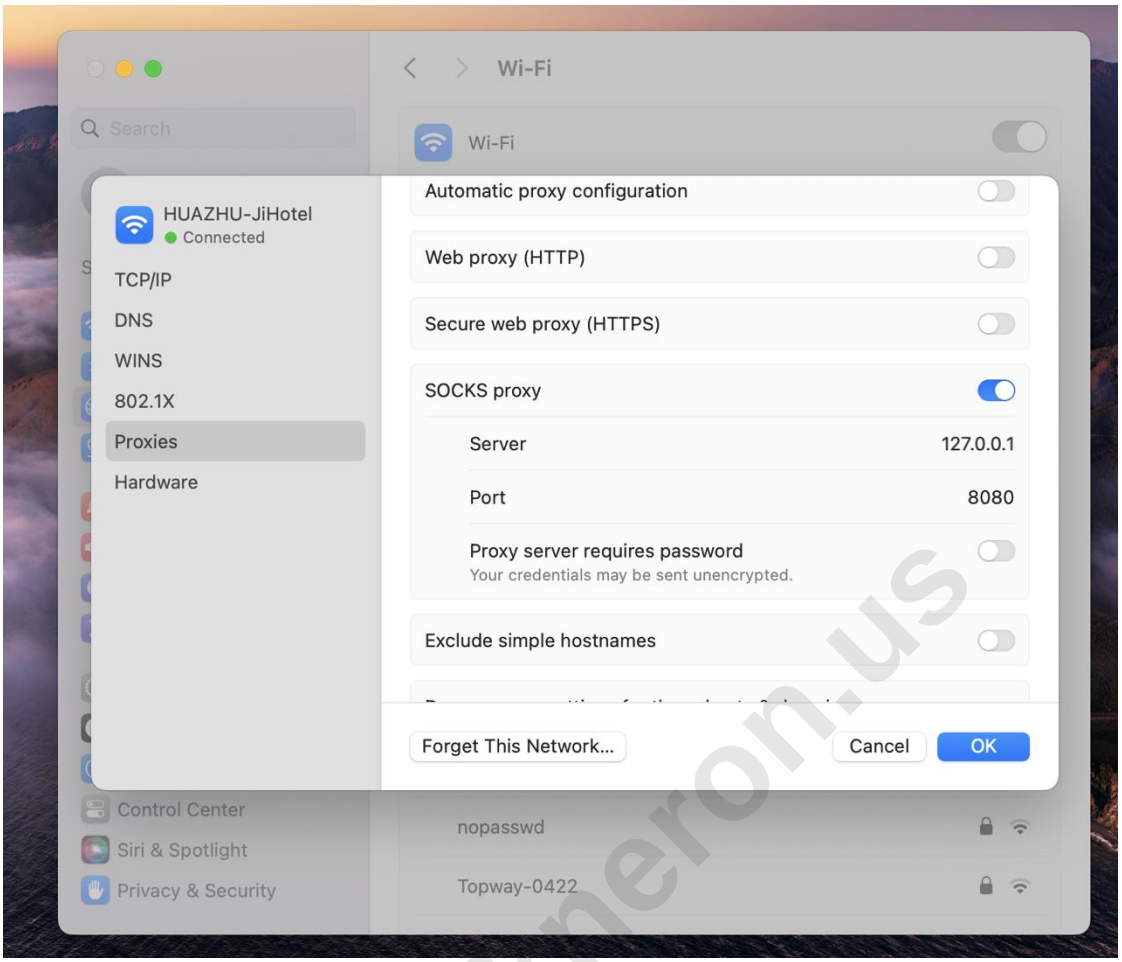

b. In your local computer browser, enter: http://localhost:8080/

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