

## Chapter 6: API Authentication

### About HTTP Server

The example using HTTP\_Server.py is intended to demonstrate the basic authentication mechanism. The code is provided for advanced users who are familiar with the Python Flask framework to reconstruct the server file, if needed. While Flask is relatively simple to learn, it is completely outside the scope of the Cisco DevNet Associate exam topics.

A few notes about the code for advanced users who wish to reconstruct the server in their own labs:

- Line 5 to 12 stated the modules needed for the code file.
- The code uses a local database to store user authentication credentials called “network.db.”
- More information can be viewed from Miguel Grinberg’s original GitHub repository: <https://github.com/miguelgrinberg/oreilly-flask-apis-video>.

### About Meraki Postman Collection

The Meraki example with Postman intends to offer students a real-world network example while demonstrating the HTTP API key authentication concepts. The concept itself can be learned from watching the video without knowledge of Postman or Meraki.

For interested students who wish to reconstruct the example shown, both the DevNet Meraki resources (<https://developer.cisco.com/meraki/meraki-platform/>) and Postman software (<https://www.postman.com/>) are free, but the DevNet resource does require registration to obtain the necessary environment variables and key to complete.