The Constrained Application Protocol (CoAP) is a specialized web transfer protocol used inInternet of Things**.** The protocol is designed for machine-to-machine (M2M) applications.CoAP is used for small constrained devices which runs on low power and uses low bandwidth.CoAP includes very compact 4 byte header.CoAP uses asynchronous completely opposite to that of http.CoAP can handle multicast requests.

CoAP .

EC2

* Add custom udp rule with port 5683. Keep the ip accessible from anywhere
* Launch the putty terminal by filling the necessary details \

Sudo apt-get install python3-pip

Pip3 install “aiocoap[all]”

//Ls

//Cd

Git clone <https://github.com/chrysn/aiocoap.git>

Cd aiocoap/

//./server.py

//Python3 server.py

//Pip3 install link\_header

Ls

//Python3 setup.py

//./setup.py

//./setup.py install

Sudo ./setup.py install

Sudo ./server..py

Sudo pip install linkheader