

IOT Device

Micro Controller Sensor



TDS	Temperature
PH Sensor	Oxygen

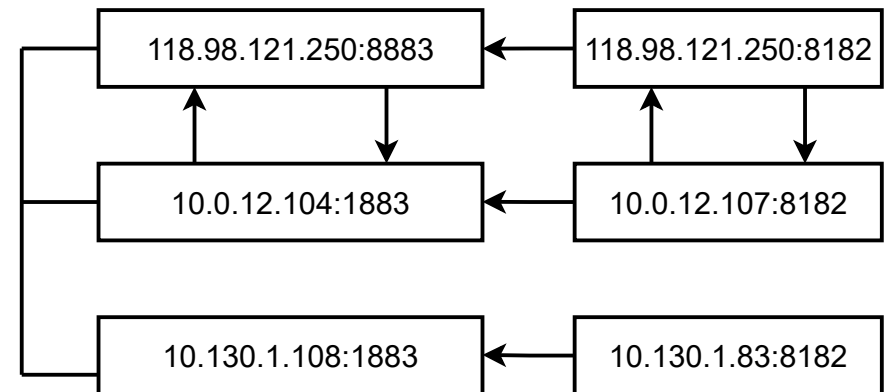
Internet



IOT Testbed

BROKER/GATEWAY

SERVER/APP



Explanation:

Broker/Gateway

The data transmission from the IoT device can occur through three alternative routes: the IoT network with the IP address 10.130.1.108:1883, it can also traverse the LAN network with the IP address 10.0.12.104:1883, and finally, it can be transmitted via IP forwarding (public) with the address 118.98.121.250:8883.

Server/App

The application can be accessed through three alternative paths: the IoT network with the IP address 10.130.1.83:8182, it can also be accessed through the LAN network with the IP address 10.0.12.107:8182, and finally, it can be accessed via IP forwarding (public) with the address 118.98.121.250:8182.