



Application Guide

M2M Configuration



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Revision History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

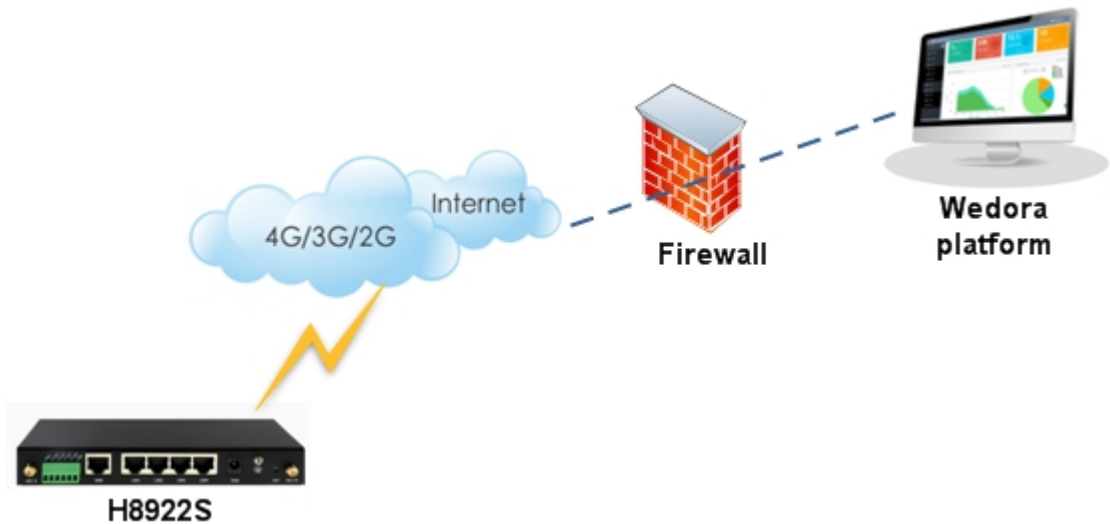
Doc Version	Product	Release Date	Details
V1.0	Hongdian Router	2017.08.23	First Release
V2.0	Hongdian Router	2020.09.03	

1 Overview

The router has embedded a WMMP and MQTT protocol to realize communication with M2M (Machine-to-Machine) platform which can remotely monitor and manage the routers and its network, e.g. visit the router, patch upgrading, firmware upgrading, parameter configuration, monitor the network strength, time delay, flow.

2 Description

2.1 Topology



2.2 Hongdian Setup(MQTT)

Network	IPv6	Applications	VPN	Forward	Security	System	Status			
ICMP Check	DDNS	DTU/MODBUS	SNMP	SMS	Radius	Tacacs+	VRRP	SIM Select	Schedule	M2M

Help

M2M Service

Advice:
M2M service is designed for M2M application.

Basic Settings

Protocol: mqtt

Server IP or Domain: 47.88.149.108 * Max length is 64

Server Port: 55555 * 1-65535

Auth Type: none

Data Encryption: Enable Disable

Status: connected

2.3 Hongdian Setup(WMMP)

Network	IPv6	Applications	VPN	Forward	Security	System	Status			
ICMP Check	DDNS	DTU/MODBUS	SNMP	SMS	Radius	Tacacs+	VRRP	SIM Select	Schedule	M2M

Help

M2M Service

Advice:
M2M service is designed for M2M application.

Basic Settings

Protocol: wmmp

Source Interface: default

Server IP or Domain: 47.88.149.108 * Max length is 64

Server Port: 5002 * 1-65535

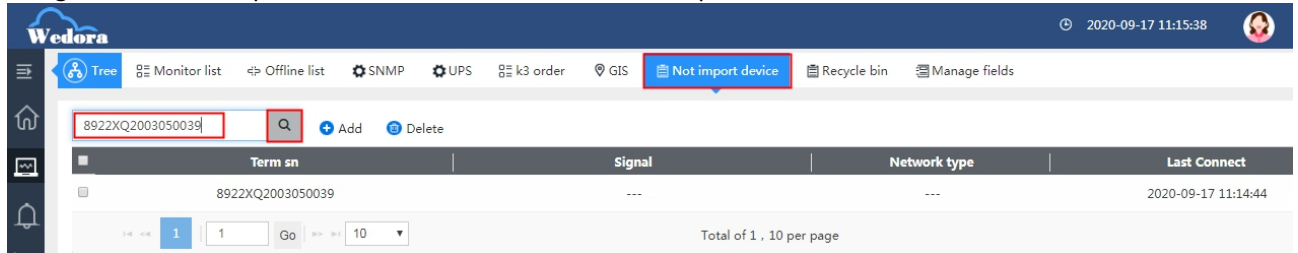
Auth Type: none

Data Encryption: Enable Disable

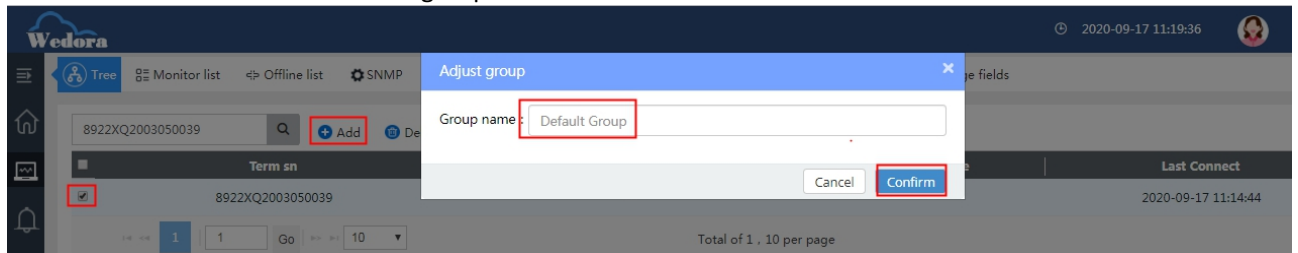
Status: connected

2.4 Check on platform

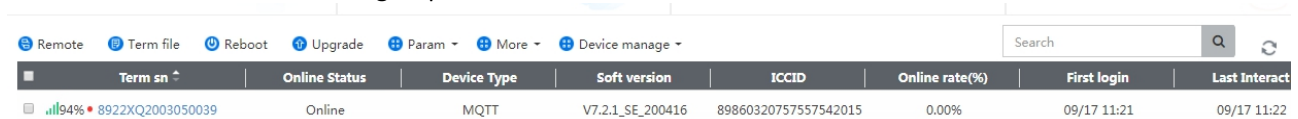
1. Logo in the wedora platform and find the device in “Not import device”



2. Choose the device and add to one group



3. Check the device online in the group








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