

TinyloT Zeroconf

김동현



라즈베리파이

라즈베리파이에 avahi-client 설치.

라즈베리파이에서 제공하는 서비스 Broadcast
Server의 서비스도 Discovery 가능.

errypi...

pi@avahirasberrypi ~

File Edit Tabs Help

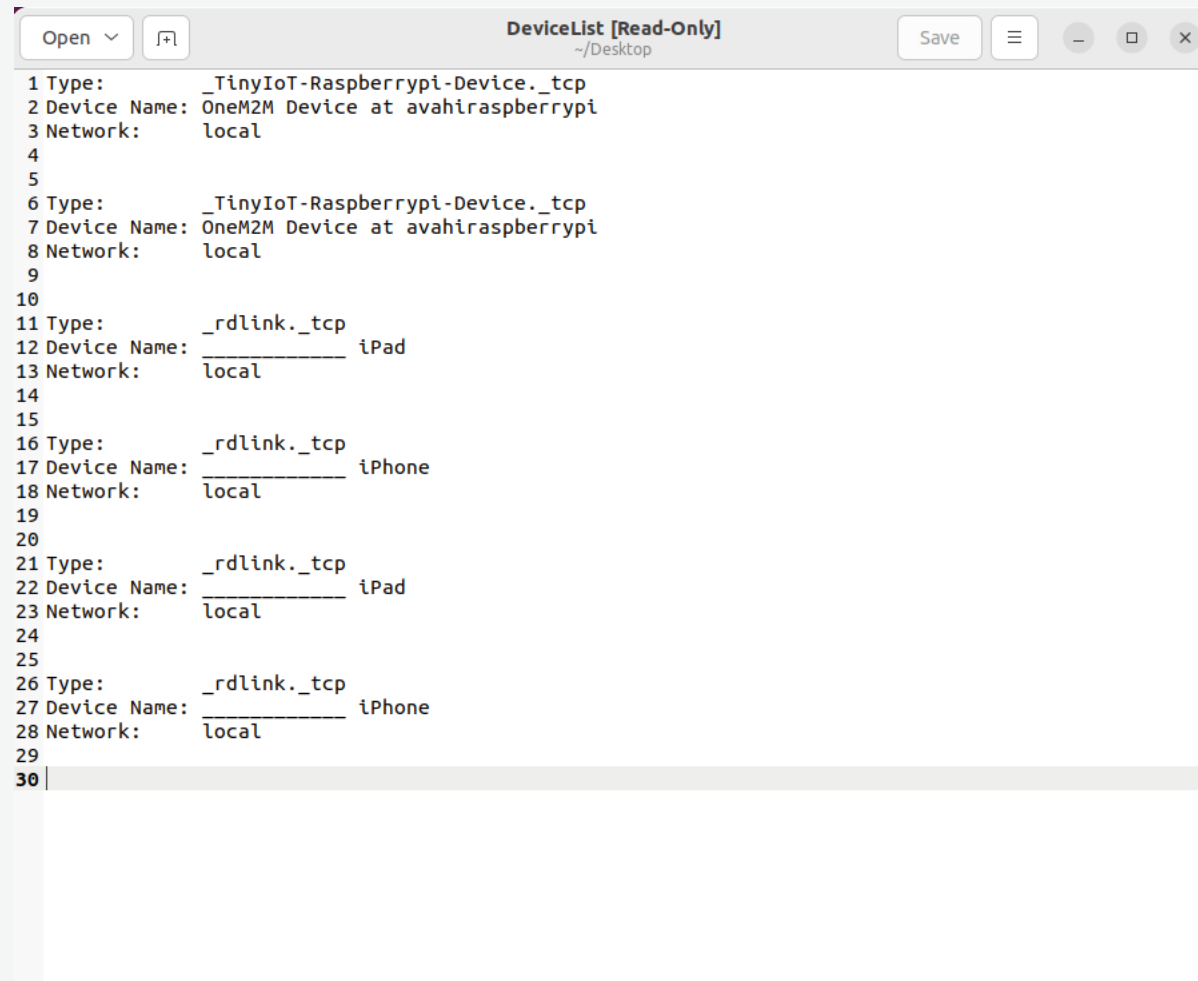
```
root@avahirasberrypi:/home/pi/Downloads# avahi-browse -all
+ wlan0 IPv6 OneM2H Device at quri-virtual-machine-2      _oneM2MDevice._tcp      local
+ wlan0 IPv4 OneM2H Device at quri-virtual-machine-2      _oneM2MDevice._tcp      local
+ wlan0 IPv6 _____ iPhone                          _rdlink._tcp            local
+ wlan0 IPv4 _____ iPhone                          _rdlink._tcp            local
+ wlan0 IPv6 RegsitSuccess list at OneM2MServer           _RegistSuccess._tcp     local
+ wlan0 IPv4 RegsitSuccess list at OneM2MServer           _RegistSuccess._tcp     local
+ wlan0 IPv6 RegsitWaitingList at quri-virtual-machine    _RegistWaiting._tcp     local
+ wlan0 IPv4 RegsitWaitingList at quri-virtual-machine    _RegistWaiting._tcp     local
+ wlan0 IPv4 AudioHirror-CC4EECCF7D5F                     _audiomirror._tcp       local
^CGot SIGINT, quitting.
root@avahirasberrypi:/home/pi/Downloads# avahi-browse -at
+ wlan0 IPv6 OneM2H Device at quri-virtual-machine-2      _oneM2MDevice._tcp      local
+ wlan0 IPv4 OneM2H Device at quri-virtual-machine-2      _oneM2MDevice._tcp      local
+ wlan0 IPv6 _____ iPhone                          _rdlink._tcp            local
+ wlan0 IPv4 _____ iPhone                          _rdlink._tcp            local
+ wlan0 IPv6 RegsitSuccess list at OneM2MServer           _RegistSuccess._tcp     local
+ wlan0 IPv4 RegsitSuccess list at OneM2MServer           _RegistSuccess._tcp     local
+ wlan0 IPv6 RegsitWaitingList at quri-virtual-machine    _RegistWaiting._tcp     local
+ wlan0 IPv4 RegsitWaitingList at quri-virtual-machine    _RegistWaiting._tcp     local
+ wlan0 IPv6 OneM2H Device at avahirasberrypi             _TinyIoT-Raspberrypi-Device._tcp local
+ wlan0 IPv4 OneM2H Device at avahirasberrypi             _TinyIoT-Raspberrypi-Device._tcp local
+ wlan0 IPv4 OneM2H Device at avahirasberrypi             _TinyIoT-Raspberrypi-Device._tcp local
+ wlan0 IPv4 AudioHirror-CC4EECCF7D5F                     _audiomirror._tcp       local
root@avahirasberrypi:/home/pi/Downloads#
```

I

예제 사용

Server의 DeviceList에서 확인 가능.

나머지 과정은 예전의 시나리오와 동일.



```
1 Type:      _TinyIoT-Raspberrypi-Device._tcp
2 Device Name: OneM2M Device at avahiraspberrypi
3 Network:    local
4
5
6 Type:      _TinyIoT-Raspberrypi-Device._tcp
7 Device Name: OneM2M Device at avahiraspberrypi
8 Network:    local
9
10
11 Type:      _rdlink._tcp
12 Device Name: _____ iPad
13 Network:    local
14
15
16 Type:      _rdlink._tcp
17 Device Name: _____ iPhone
18 Network:    local
19
20
21 Type:      _rdlink._tcp
22 Device Name: _____ iPad
23 Network:    local
24
25
26 Type:      _rdlink._tcp
27 Device Name: _____ iPhone
28 Network:    local
29
30 |
```