

Rescue 空氣盒子重新安裝程式

前置作業：

需要十字螺絲起子一隻，並安裝PuTTY 與IP Scan軟體。

PuTTY：<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

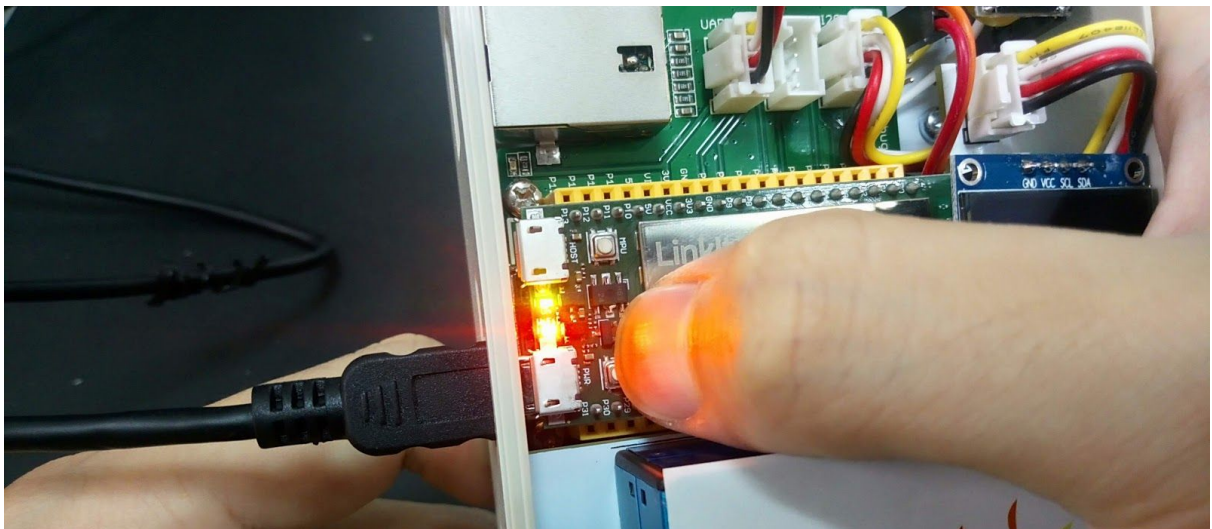
IP Scan軟體：<https://www.advanced-ip-scanner.com/tw/>

IP Scan 軟體是為了讓電腦能找到已經連上網路的Rescue。

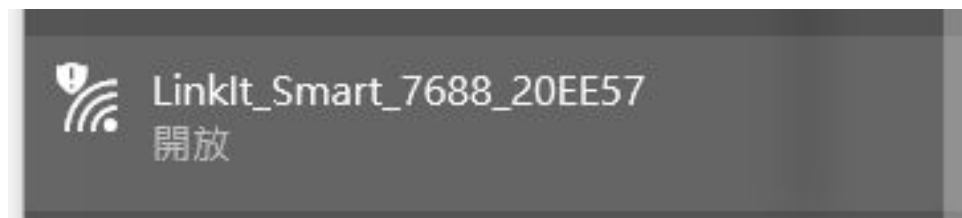
PuTTY 是為了讓電腦連上Rescue 進程式下載與啟動。

開始設定：

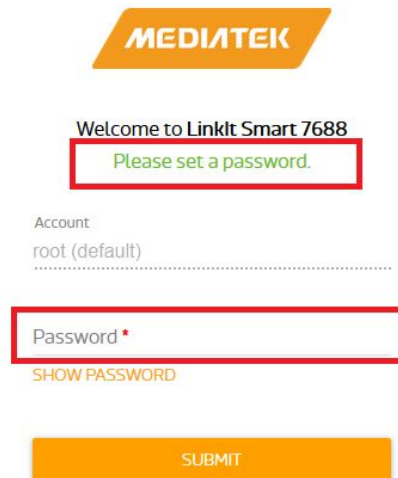
1. 用十字螺絲起子打開透明外蓋，插上電源。按壓LinkIt 7688上的Wi-Fi 按鈕長達20秒以上，使其恢復原廠模式。在原廠情況下，LinkIt 7688 會是AP 模式。



2. 可透過筆電Wi-Fi 搜尋是否能找到名稱為LinkIt_Smart_7688_XXXXXX 的AP 來確認是否為原廠模式）。

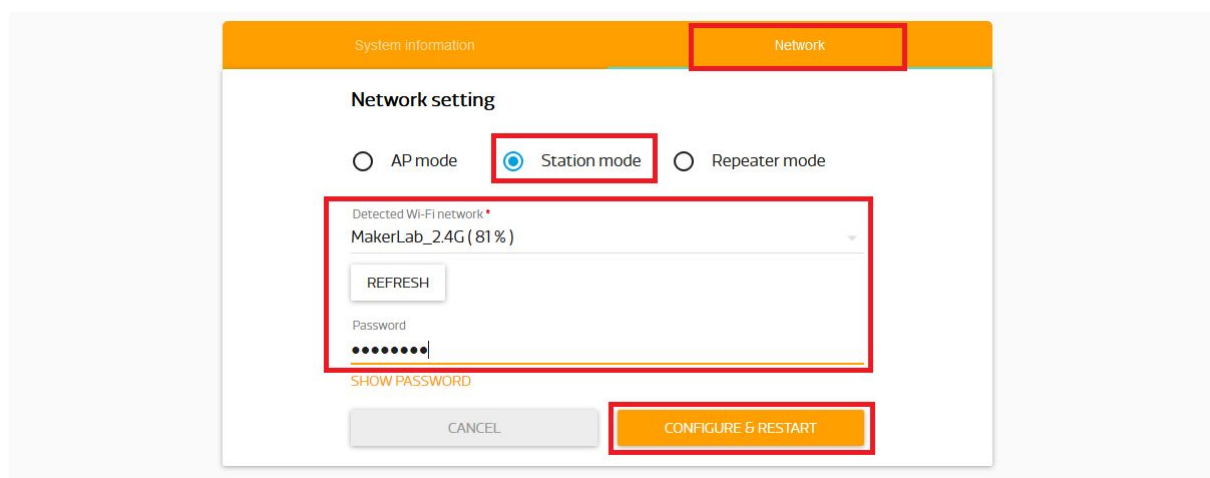


3. 讓Wi-Fi 連上名為LinkIt_Smart_7688_XXXXXX 的AP，打開瀏覽器並於網址欄輸入192.168.100.1 登入設定頁面。第一次登入會要您設定密碼，請於Password 的欄位輸入至少6位數的密碼後點選SUBMIT。設定完成後會要您以剛剛設定的密碼登入。



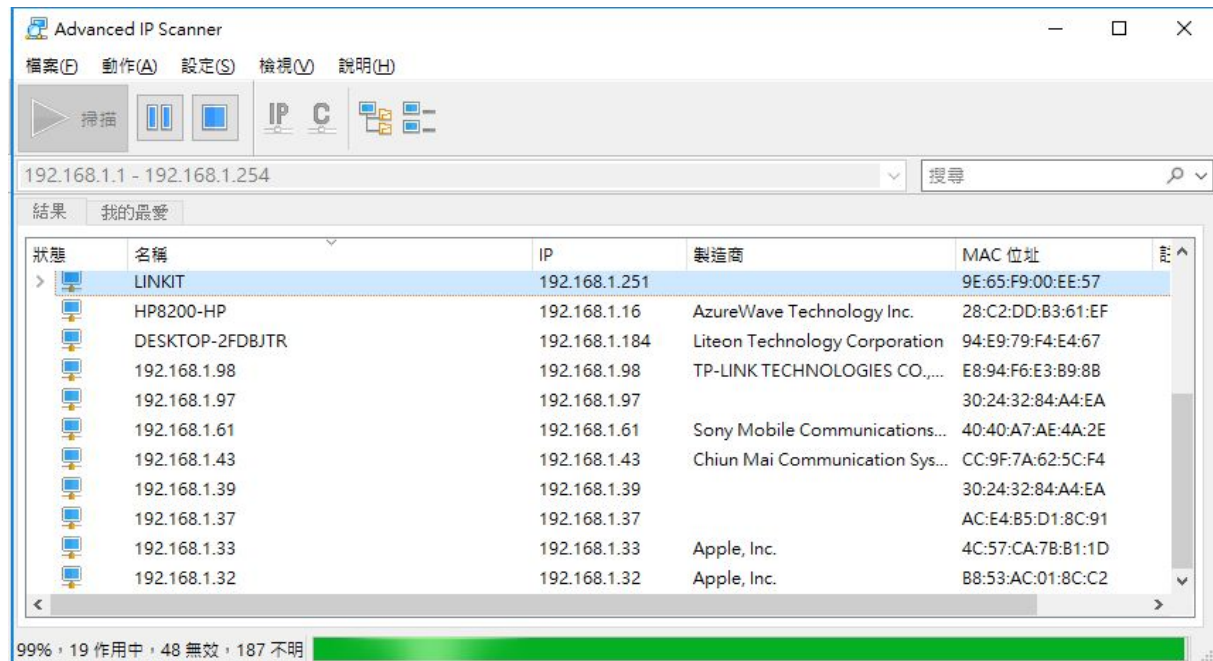
The image shows the login interface for the LinkIt Smart 7688. At the top is the MEDIATEK logo. Below it, a message says "Welcome to LinkIt Smart 7688" and "Please set a password." in green. The "Account" field is pre-filled with "root (default)". The "Password" field is empty and has a red asterisk. Below the password field is a "SHOW PASSWORD" link. At the bottom is a large orange "SUBMIT" button.

4. 登入後點選Network，並選擇Station mode 於下方選擇您要連接的Wi-Fi 名稱並填入密碼，輸入完成後點選CONFIGURE & RESTART。此時LinkIt 7688 會自動重啟並直接連上剛剛設定的Wi-Fi（若沒連上線請確認帳號密碼是否有誤，或分享器是否正常工作）。

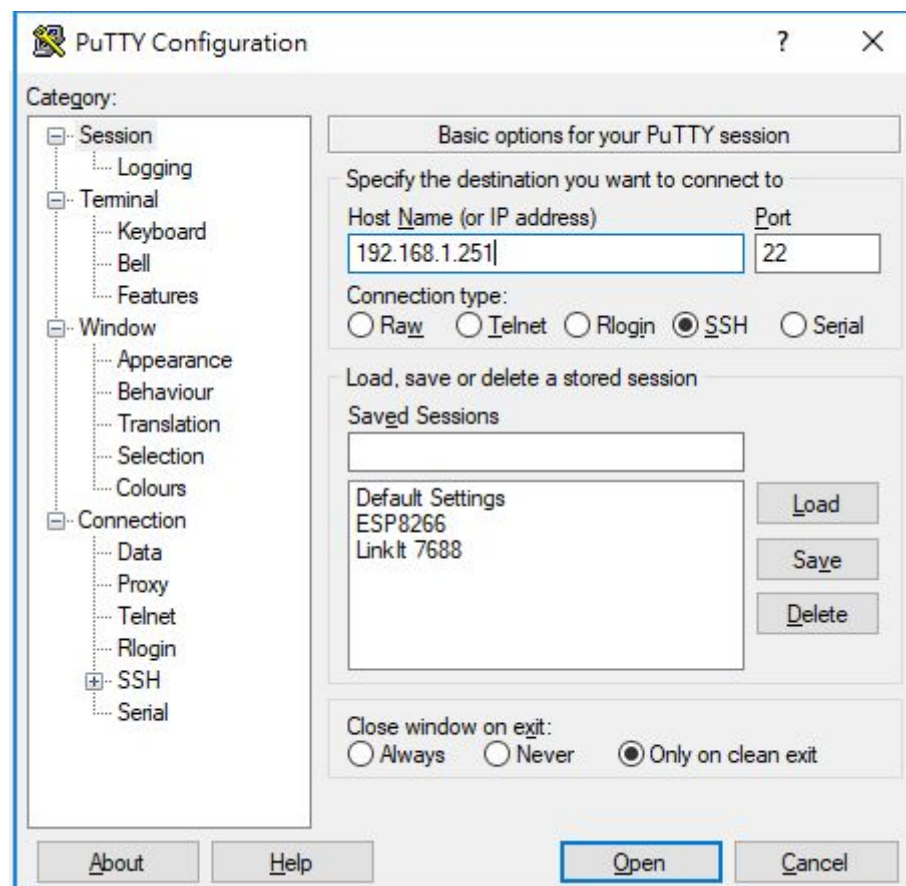


The image shows the "Network" tab of the LinkIt Smart 7688 settings. The "Network setting" section has three radio buttons: "AP mode", "Station mode" (which is selected and highlighted with a red box), and "Repeater mode". Below these is a "Detected Wi-Fi network" section with a dropdown menu showing "MakerLab_2.4G (81%)". There is a "REFRESH" button next to it. Below the dropdown is a "Password" field with a red asterisk and a "SHOW PASSWORD" link. At the bottom are two buttons: "CANCEL" and "CONFIGURE & RESTART" (which is highlighted with a red box).

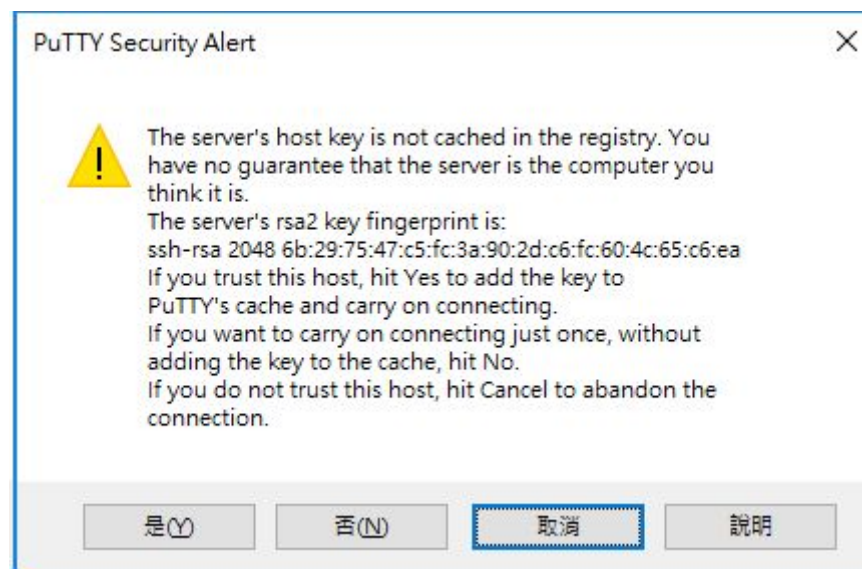
5. 請讓電腦連上與LinkIt 7688 一樣的Wi-Fi，打開IP Scan 軟體並按掃描，找到LINKIT 並記下它的IP 位置。



6. 打開PuTTY 並輸入剛剛的IP 位置後，按下Open 。



7. 第一次登入會出現下列訊息，請選擇 是(Y)。

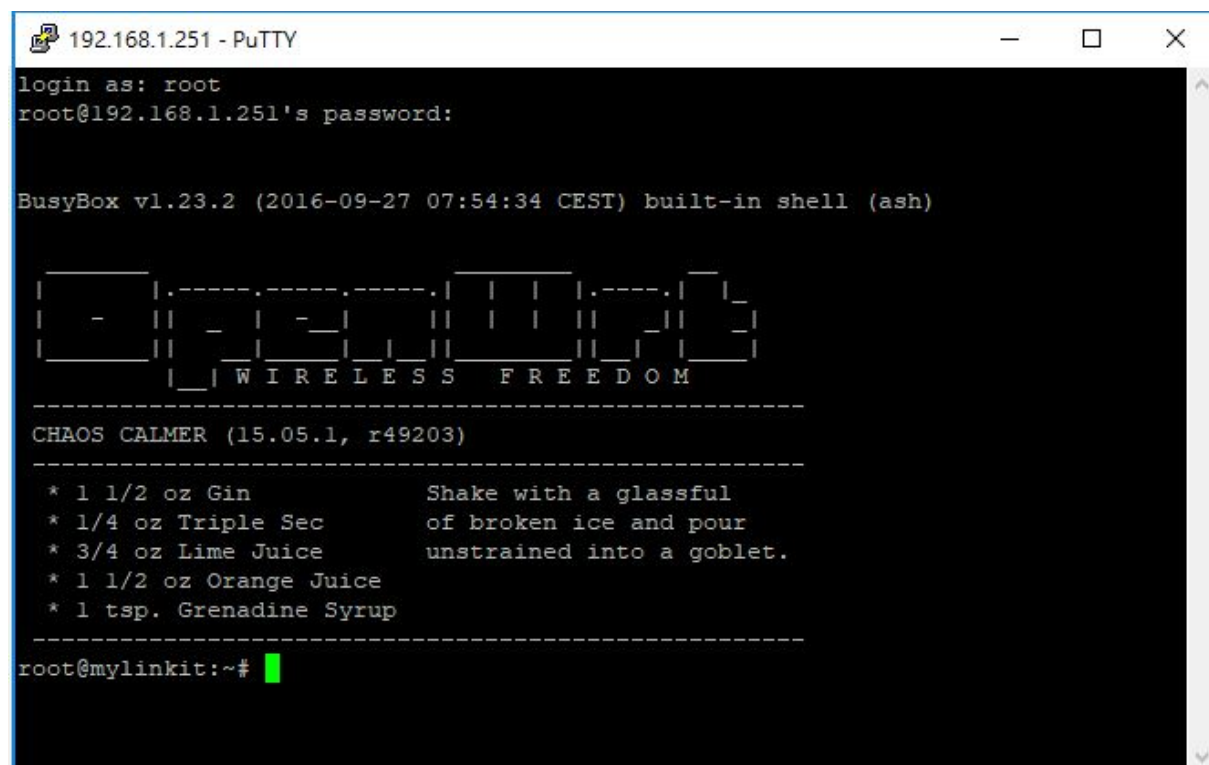


8. 請輸入帳號以及密碼登入LinkIt7688 的系統OpenWrt。

帳號為：root

密碼為：網頁登入時所設定的6 位數密碼。

登入後會出現下面的畫面。



9. 請於root@mylinkit:~# 後方輸入：

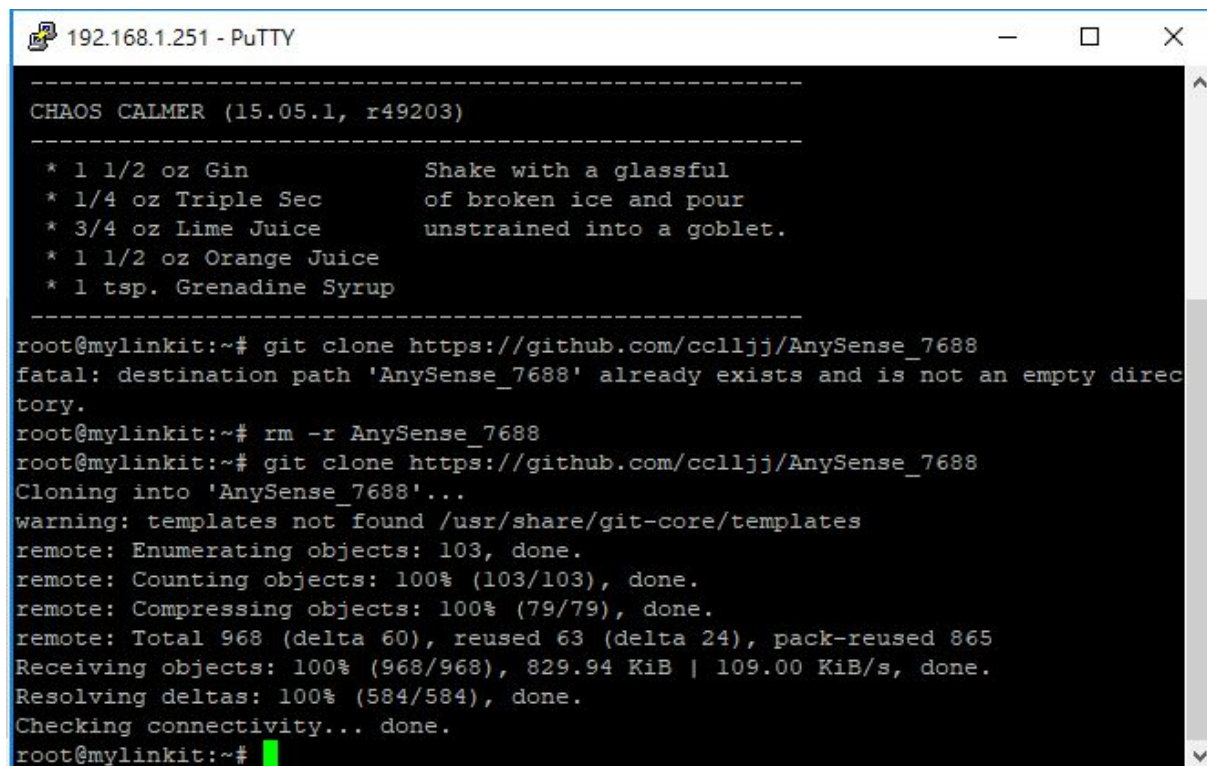
```
rm -r AnySense_7688
```

此指令會刪除舊的資料，刪除完成後會出現root@mylinkit:~#，表示可再輸入其他指令。

10. 請於root@mylinkit:~# 後方輸入：

```
git clone https://github.com/cc11jj/AnySense_7688
```

並按下Enter，此指令會透過網路下載空氣盒子的程式。直到root@mylinkit:~# 出現，表示程式已下載完成。



```
192.168.1.251 - PuTTY
-----
CHAOS CALMER (15.05.1, r49203)
-----
* 1 1/2 oz Gin           Shake with a glassful
* 1/4 oz Triple Sec      of broken ice and pour
* 3/4 oz Lime Juice      unstrained into a goblet.
* 1 1/2 oz Orange Juice
* 1 tsp. Grenadine Syrup
-----
root@mylinkit:~# git clone https://github.com/cc11jj/AnySense_7688
fatal: destination path 'AnySense_7688' already exists and is not an empty direc
tory.
root@mylinkit:~# rm -r AnySense_7688
root@mylinkit:~# git clone https://github.com/cc11jj/AnySense_7688
Cloning into 'AnySense_7688'...
warning: templates not found /usr/share/git-core/templates
remote: Enumerating objects: 103, done.
remote: Counting objects: 100% (103/103), done.
remote: Compressing objects: 100% (79/79), done.
remote: Total 968 (delta 60), reused 63 (delta 24), pack-reused 865
Receiving objects: 100% (968/968), 829.94 KiB | 109.00 KiB/s, done.
Resolving deltas: 100% (584/584), done.
Checking connectivity... done.
root@mylinkit:~#
```


11. 接著請於root@mylinkit:~# 後方輸入：

```
/root/AnySense_7688/APP/RESCUE_TW/setup.sh
```

此指令會啟動Rescue 的程式並設定。過程中會出現下列訊息，表示是否設定SD卡，請輸入 y 並按下Enter。

```
192.168.1.251 - PuTTY
Installing libsmartcols (2.25.2-4) to root...
Downloading http://downloads.openwrt.org/chaos_calmer/15.05.1/ramips/mt7688/packages/base/libsmartcols_2.25.2-4_ramips_24kec.ipk.
Configuring libpcrc.
Configuring wget.
Configuring kmod-crypto-core.
Configuring kmod-crypto-hash.
Configuring kmod-lib-crc16.
Configuring libuuid.
Configuring libblkid.
Configuring block-mount.
this file has been obseleted. please call "/sbin/block mount" directly
block: unable to load configuration (fstab: Entry not found)
block: no usable configuration
Configuring kmod-fs-ext4.
Configuring libsmartcols.
Configuring libext2fs.
Configuring e2fsprogs.
Configuring fdisk.
Configuring kmod-usb-storage-extras.
mke2fs 1.42.12 (29-Aug-2014)
/dev/mmcblk0p1 contains a ext4 file system
    last mounted on /mnt/mmcblk0p1 on Thu Jan  1 00:00:11 1970
Proceed anyway? (y,n)
```

12. 等到出現root@mylinkit:~# 表示已設定完成，即可關閉PuTTY。此時LinkIt7688 會重啟並自動連上Wi-Fi 及執行內部程式。

```
RTC time: 2019-03-20 06:12:25
--2019-03-20 06:12:27-- https://pm25.las-net.org/util/timestamp.php
Resolving pm25.las-net.org... 35.187.152.119
Connecting to pm25.las-net.org[35.187.152.119]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: '/tmp/timel'

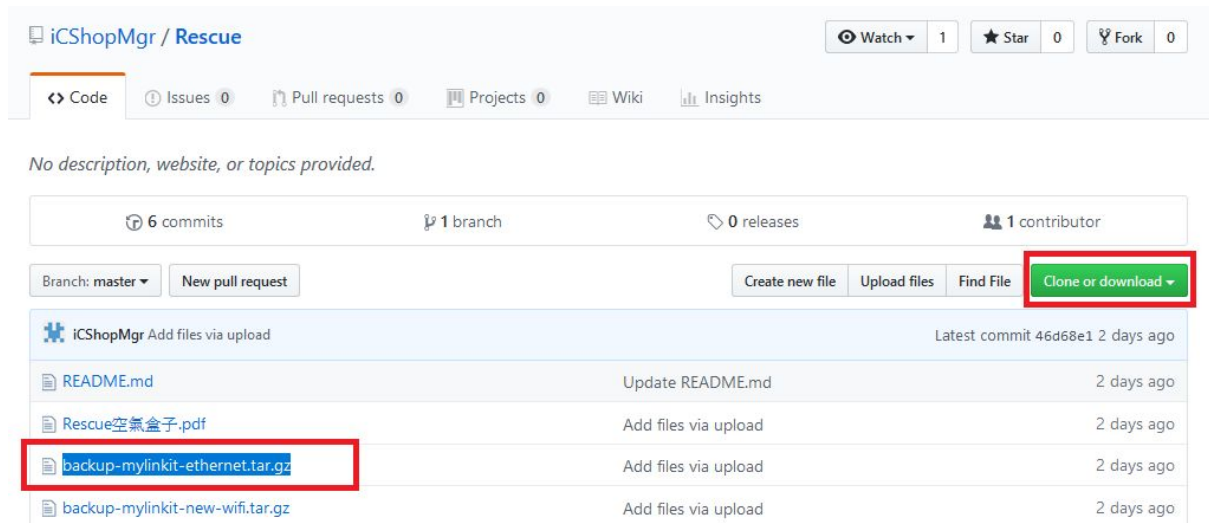
/tmp/timel          [ <=>          ]    19  --.-KB/s   in 0s

2019-03-20 06:12:27 (160 KB/s) - '/tmp/timel' saved [19]

root@mylinkit:~#
```

13. 上述教學所設定的是Wi-Fi 模式下的Rescue 空氣盒子。若您想要更改為有線網路模式，必須要再多一個步驟。若您想透過Wi-Fi 模式上傳資料，可以跳過此步驟。點選下列網址，並下載名為 backup-mylinkit-ethernet.tar.gz 的檔案。

<https://github.com/iCShopMgr/Rescue>



iCShopMgr / Rescue

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No description, website, or topics provided.

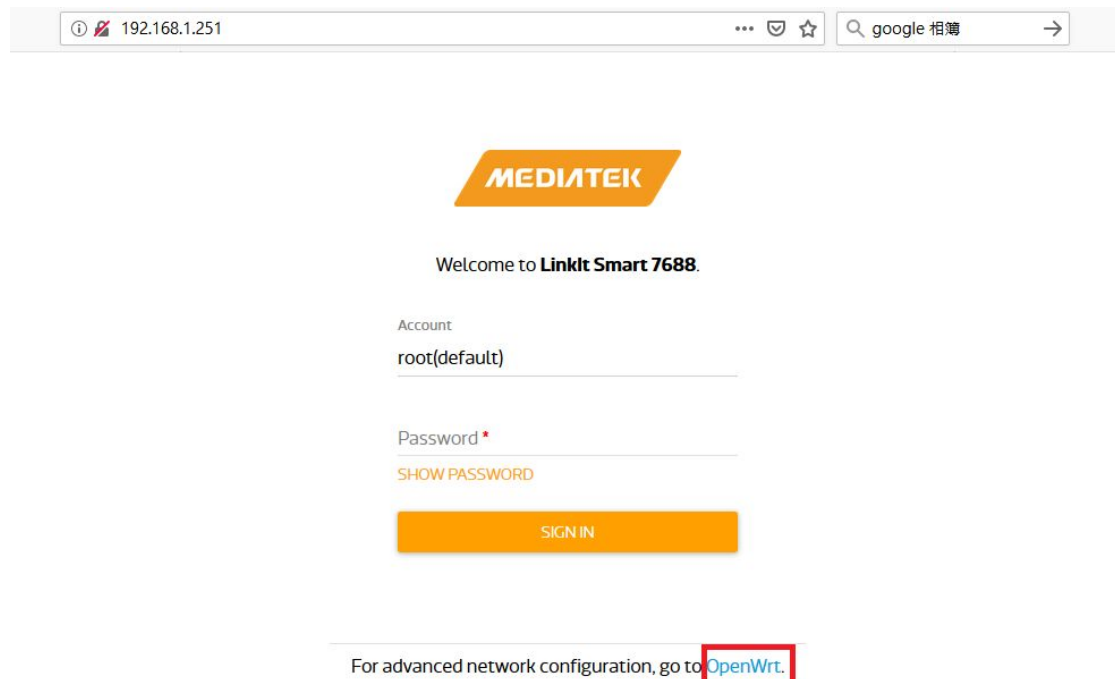
6 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find File Clone or download

iCShopMgr Add files via upload Latest commit 46d68e1 2 days ago

README.md	Update README.md	2 days ago
Rescue空氣盒子.pdf	Add files via upload	2 days ago
backup-mylinkit-ethernet.tar.gz	Add files via upload	2 days ago
backup-mylinkit-new-wifi.tar.gz	Add files via upload	2 days ago

請打開瀏覽器並於網址欄中輸入Rescue 空氣盒子螢幕上的IP 位置，出現登入頁面後點選下方的OpenWrt。



192.168.1.251

MEDIATEK

Welcome to **LinkIt Smart 7688**.

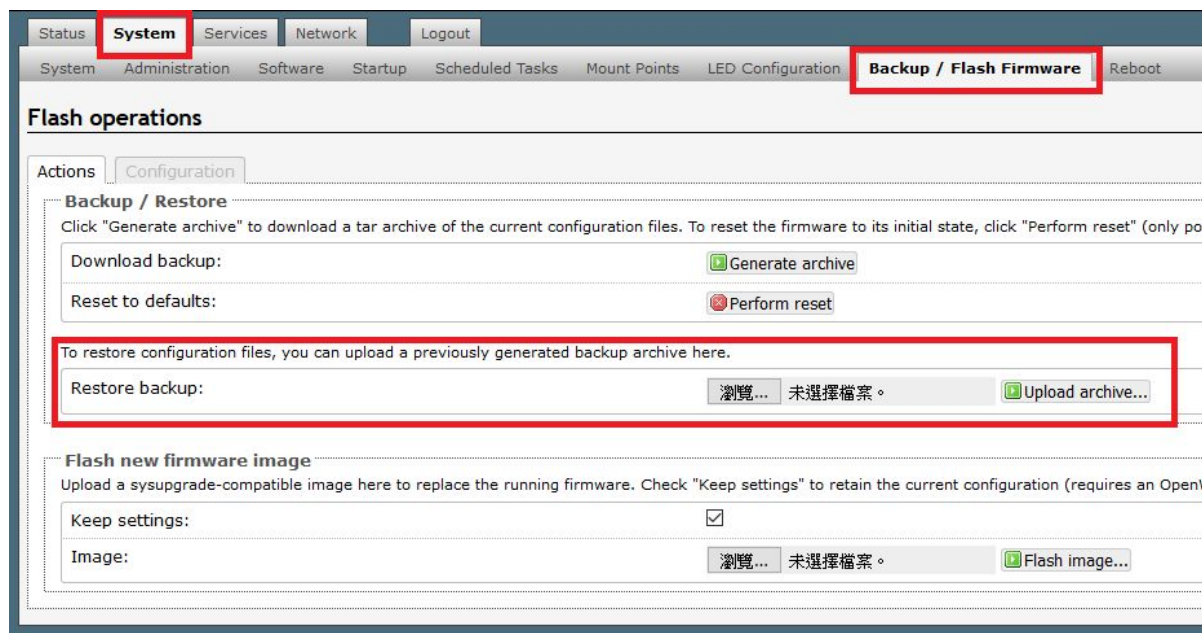
Account
root(default)

Password *
SHOW PASSWORD

SIGN IN

For advanced network configuration, go to [OpenWrt.](#)

14. 一樣輸入密碼登入，密碼與先前設定的一樣，登入後選擇System > Backup/Flash Firmware，並點選在Restore backup: 後方的瀏覽，選擇剛剛下載的檔案名稱為 backup-mylinkit-ethernet.tar.gz 的檔案。選擇完畢後按下Upload archive...。



15. 完成上述步驟後，LinkIt7688 會重啟，這樣就設定完成囉！若要切回Wi-fi 模式可重覆13.、14. 步驟，並在 14. 步驟的瀏覽選擇檔案中改選擇 backup-mylinkit-new-wifi.tar.gz 即可。

