

How to add hardware-related service features to LincStation N1

Add or fix

- Remove the unraid boot USB flash drive
- Inserted into a computer in a secure environment
- Go to the root directory /config on the USB flash drive

名称	修改日期	类型	大小
led	2023/12/1 9:40	文件夹	
logo	2023/12/1 9:40	文件夹	
plugins	2023/11/28 6:10	文件夹	
reset	2023/12/1 9:40	文件夹	
docker.cfg	2023/11/28 6:10	CFG 文件	1 KB
domain.cfg	2023/11/28 6:10	CFG 文件	1 KB
go	2023/12/1 9:36	文件	1 KB
ident.cfg	2023/12/1 9:39	CFG 文件	1 KB
linc_os_version.yaml	2023/12/8 15:31	YAML 文件	1 KB
network.cfg	2023/11/28 6:10	CFG 文件	1 KB

- Normally, there should be three folders and one file in the /config directory
 - led
 - logo
 - reset
 - linc_os_version.yaml
- Normally, the /config/go file is modified

```
#!/bin/bash

# Start the Management Utility

/usr/local/sbin/emhttp &

# Start the LED Service

cp -r /boot/config/led/ /usr/local/sbin/led/
```

```
chmod 777 /usr/local/sbin/led/go_8130_led_linux  
nohup /usr/local/sbin/led/go_8130_led_linux >/dev/null 2>&1 &
```

```
# Start the RESET Service  
  
cp -r /boot/config/reset/ /usr/local/sbin/reset/  
  
chmod 777 /usr/local/sbin/reset/reset  
  
nohup /usr/local/sbin/reset/reset >/dev/null 2>&1 &
```

```
# Start the HDMI Service  
  
# cp -r /boot/config/logo/ /usr/local/sbin/logo/  
  
# chmod 777 /usr/local/sbin/logo/show  
  
# nohup /usr/local/sbin/logo/show >/dev/null 2>&1 &
```

The modified go file will copy the service file to the run directory when the device boots and subsequently starts.

- You can copy (overwrite) the led, logo, reset, and linc_os_version.yaml provided in this document to the /config/ folder and then modify or overwrite the go file, then plug the boot USB flash drive back into the machine and subsequently boot the machine.
- This package can be used to bring the hardware related features of the N1 device to the original unraid, and can also be used to repair the features of the N1 device.
- Please be careful not to damage other files on the boot USB flash drive, especially the activation credentials for unraid.

Introduction

LED

Provide service function of led indicator, provide control function of light strip

If you have a need for customized light strips, you can visit

<http://tower.local:50000>

to change the effect and color of the light strip, sorry, this page is not yet internationalized, but you can use it with your browser's translation plug-in.

Reset

Provides the ability to reboot by long-pressing the reset hole on the back of the unit, which in most cases is useless.

LOGO

When enabled, unraid system boot is complete, Lincstation logo will override HDMI display, usually useless feature, unraid developer also suggest us to remove this service, currently this service is commented out.