

關機軟體安裝說明 (Linux 版)

安裝

1. 切換到 root 帳號

安裝關機軟體需要有 root 權限

2. 將關機軟體複製到要安裝的系統裡

利用 USB 隨身碟、光碟或網路下載的方式將關機軟體複製到系統內部

3. 將關機軟體解壓縮

解壓縮指令為 tar xvf“檔案名稱”

```
[root@localhost Downloads]# ls
Fedora_x86.tar
[root@localhost Downloads]# tar xvf Fedora_x86.tar
./install.sh
./installtime
./uGuard
./unins.sh
[root@localhost Downloads]#
```

Unpack USHA Service

4. 執行 “install.sh”

指令為./install.sh，然後選擇”y”使用 vi 編輯器設定參數

```
[root@localhost Downloads]# ./install.sh  
Do you want to use the vi editor ?[Y/n]y
```

Execute install.sh

5. 編輯設定

```
;Sample configuration file of uGuard
;RemoteHostIP[1/4]: The IP address of remote UPSs.
;Set the address to default IP (0.0.0.0) if no USHA Service is connected.
RemoteHostIP1 = 0.0.0.0
RemoteHostIP2 = 0.0.0.0 1
RemoteHostIP3 = 0.0.0.0
RemoteHostIP4 = 0.0.0.0

;Parallel Mode:
;1 = Redundant; 2 = Not redundant(default); Enter numbers only
ParallelMode = 2 2

;ClientName:The name of the this machine[optional].
;    Free form for this parameter.
;    Maximum 28 bytes long.
ClientName = Mainserver 3

;WarningBeep status:
WarningBeep = 1 4
;1 = TRUE(default); 0 = FALSE; Enter numbers only

;ShutdownDelay: The local delay time before shutdown.
;    Range from 0 to 65535 seconds.
ShutdownDelay = 120 5

;Special shutdown script 6
ShutdownScript = /usr/foo
;ForceShutdownDelay: The delay time for executing shutdown program
;    Range from 0 to 65535 seconds.
ForceShutdownDelay = 120 7

;Check AC Fail event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
AcFail = 1 8

;Check Battery Low event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
BatteryLow = 1

;Check UPS Overload event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
UPSOverload = 1

;Check UPS Over Temperature event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
OverTemp = 1

;Special Weekly and Special Day Schedule shutdown
;1 = TRUE(default); 0 = FALSE; Enter numbers only
WeekDaySched = 1

;Check EMD Temperature Over Threshold event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
TempOverThreshold = 1

;Check EMD Alarm-1 event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
EMDAlarm1 = 1

;Check EMD Alarm-2 event
;1 = TRUE(default); 0 = FALSE; Enter numbers only
EMDAlarm2 = 1
```

Configurations setting

1. 輸入 SNMP 卡的 IP
2. Redundant mode: 全部的 SNMP 卡都發出事件通知才會作動
Not Redundant mode: 只要有一張 SNMP 卡發出事件通知就會作動
3. 在網頁上的連結設備會看到的顯示名稱
4. 啟動或關閉蜂鳴器告警，“TURE”為開啟
5. 在警告周期時間過後，倒數 120 秒執行關機
6. 在關機倒數時間完畢之後要執行的 Script file
7. 如果有執行 Script file，再經過 120 秒之後會進行強制關機
8. 要執行關機的事件，如為 FALSE，會忽略該事件的通知

6. 開始執行關機軟體服務

```
Do you want to start the daemon now ?[Y/n]
y

uGuard -- USHA Service, Formal Release V4.70
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uGuard is started.

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uGuard will start at next boot up time.
[root@localhost Downloads]#
```

1.1 關機軟體相關參數

關機軟體相關參數說明可以輸入指令 “`/etc/uGuard -h`”

- -h: 參數說明
- -v: 顯示版本
- -s: 立即啟動服務
- -S: 下次開機才啟動服務
- -u: 立即關閉服務
- -U: 關閉服務且下次開機不會自動執行
- -d: 暫停服務
- -r: 恢復服務
- -p: 顯示目前狀態
- -l: 顯示設定值
- -e: 變更設定
- -b: 啟動蜂鳴器
- -o: 關閉蜂鳴器
- -i: 忽略關機通知
- -t: 接受關機通知
- -gn: 事件記錄設定 (預設 = 1; 記錄檔路徑 /var/log/uGuard.log)

1.2 解除安裝

1. 切換到 ROOT 帳號
2. 解壓縮關機軟體

指令為 **tar xvf** 檔案名稱

```
[root@localhost Downloads]# ls
Fedora_x86.tar
[root@localhost Downloads]# tar xvf Fedora_x86.tar
./install.sh
./installtime
./uGuard
./unins.sh
[root@localhost Downloads]#
```

Unpack USHA Service

3. 執行 “unins.sh”

指令為 **./unins.sh**

```
[root@localhost Downloads]# ./unins.sh
```

Execute unins.sh

4. 確認移除

輸入”Y”確認移除

```
Are you sure to uninstall now ?[y]
y
Unload previous installation ...

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uGuard will not restart during next boot up time.

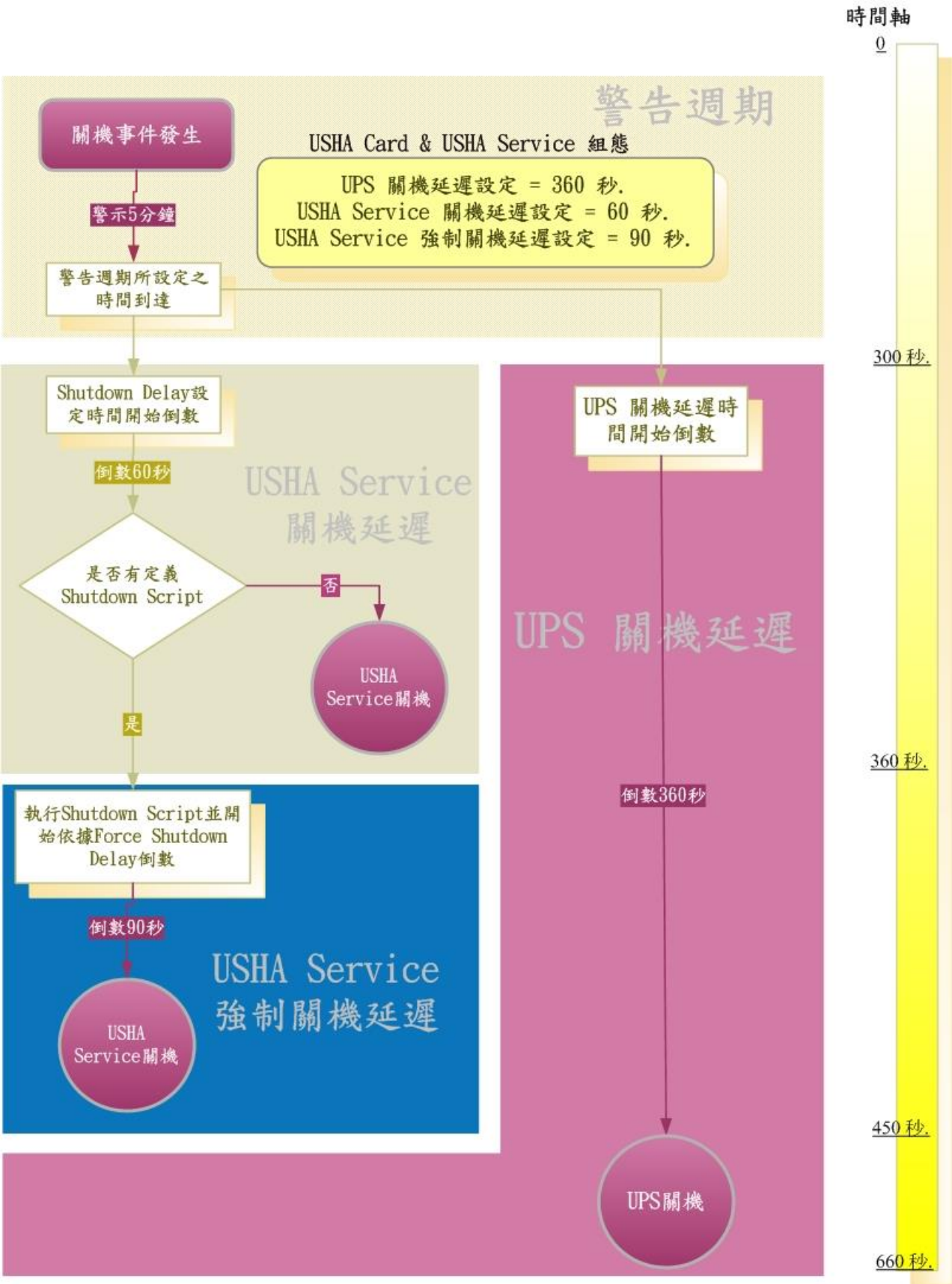
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uGuard is unloaded.

Unload successfully.
```

Uninstall finished

關機延遲和強制關機流程關係圖



設置 Shutdown Script

