

QNAP

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Enable TCP Forwarding over SSH

```
> setcfg LOGIN "SSH AllowTcpForwarding" TRUE
```

Reboot or go into UI and update the SSH Service

Update Cron

```
> vi /etc/config/crontab
```

```
> crontab /etc/config/crontab && /etc/init.d/crond.sh restart
```

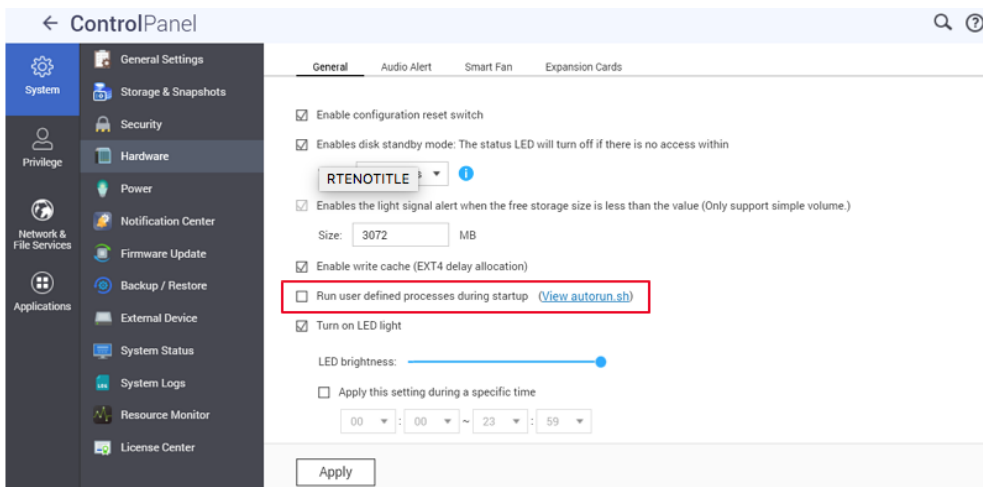
Running Applications at startup (?? Don't think this works)

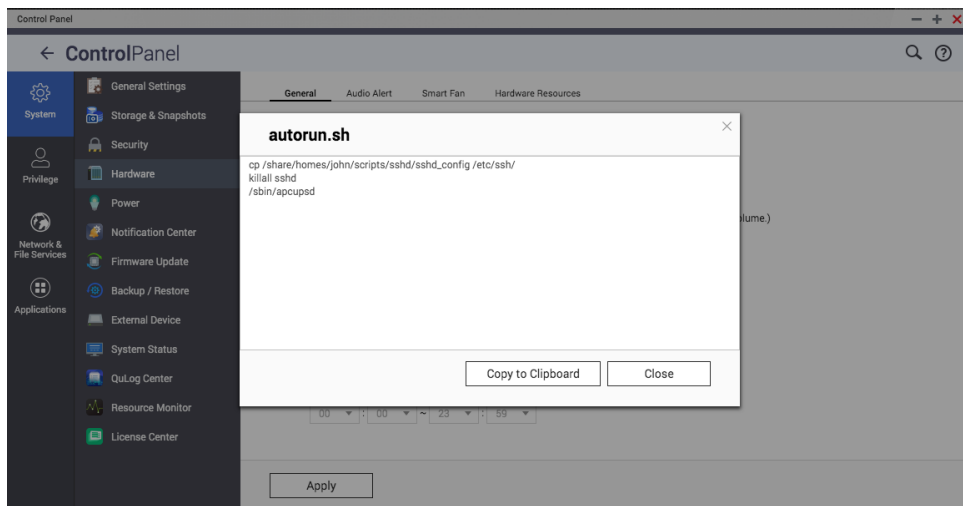
```
> /etc/init.d/init_disk.sh mount_flash_config
```

```
> vi /tmp/nasconfig_tmp/autorun.s
```

```
> /etc/init.d/init_disk.sh umount_flash_config
```

Verify that your changes are saved by verifying in the UI





UPS using Nut

See [NUT - Network UPS Tools](#)

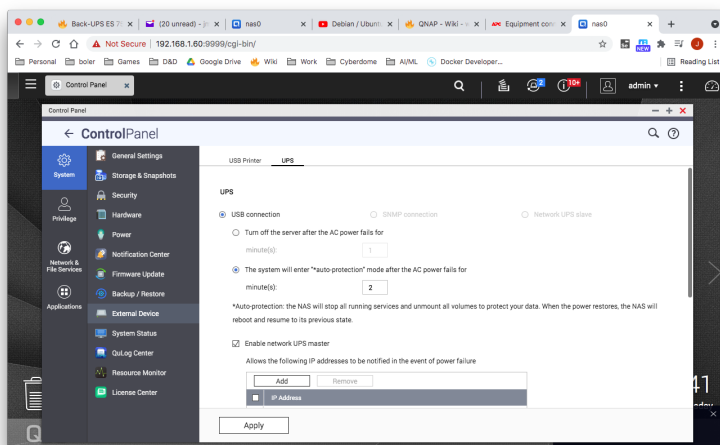
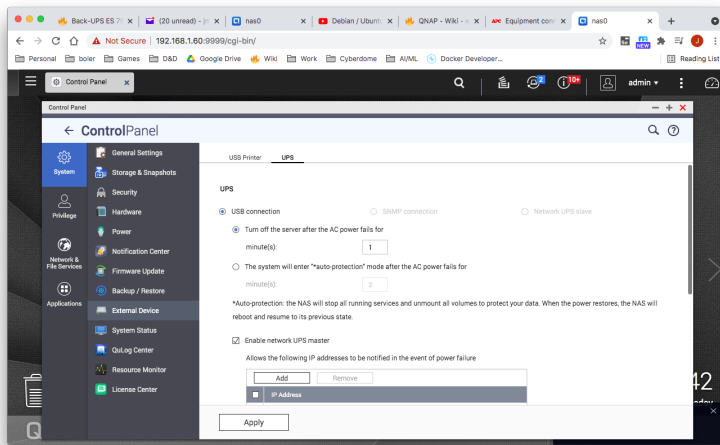
UPS using APCUPSD

Local

Plug UPS into USB port.

From the QNAP UI, navigate to Control Panel External Devices

Configure as follows:



Configure Remote UPS using APCUPSD

Edit the configuration

```
$ sudo vi /etc/apcupsd/apcupsd.conf
```

Set the following values

```
UPSCABLE ether
UPSTYPE net
#DEVICE <masterIP>:<port>
DEVICE 192.168.1.50:3551

# If during a power failure, the remaining battery percentage
# (as reported by the UPS) is below or equal to BATTERYLEVEL,
# apcupsd will initiate a system shutdown.
BATTERYLEVEL 50

# If during a power failure, the remaining runtime in minutes
# (as calculated internally by the UPS) is below or equal to MINUTES,
# apcupsd, will initiate a system shutdown.
MINUTES 10
```

Start apcupsd

```
$ apcupsd
```

Test local configuration

```
$ apcaccess status

APC      : 001,036,0917
DATE     : 2021-08-23 16:05:50 -0400
HOSTNAME : nas0
VERSION  : 3.14.10 (13 September 2011) debian
UPSNAME  : MehanUPS
CABLE    : Ethernet Link
DRIVER   : Back-UPS ES 750
UPSMODE  : Stand Alone
STARTTIME: 2021-08-23 16:01:50 -0400
MASTERUPD: 2021-08-23 16:05:50 -0400
MASTER  : 192.168.1.50:3551
STATUS   : ONLINE SLAVE
LINEV    : 121.0 Volts
LOADPCT  : 13.0 Percent Load Capacity
BCHARGE  : 100.0 Percent
TIMELEFT : 13.6 Minutes
MBATTCHG : 0 Percent
MINTIMEL : 3 Minutes
MAXTIME  : 0 Seconds
SENSE    : Medium
LOTRANS  : 092.0 Volts
HITRANS  : 139.0 Volts
BATTV    : 13.6 Volts
LASTXFER : Low line voltage
NUMXFERS : 0
TONBATT  : 0 seconds
CUMONBATT: 0 seconds
XOFFBATT : N/A
SELFTEST : NO
STATFLAG : 0x07000408 Status Flag
SERIALNO : 5B1036T73179
BATTDAT  : 2010-09-05
NOMINV   : 120 Volts
NOMBATTV : 12.0 Volts
NOMPOWER : 450 Watts
FIRMWARE : 841.I3 .D USB FW:I3
END APC  : 2021-08-23 16:06:39 -0400
```

Set APCUPSD to start at bootup

Mount the flash

```
$ /etc/init.d/init_disk.sh mount_flash_config
```

Edit the autorun.sh script

```
$ vi /tmp/nasconfig_tmp/autorun.sh
```

Add apcupsd to run

```
/sbin/apcupsd
```

Unmount the flash

```
$ /etc/init.d/init_disk.sh umount_flash_config
```