

21-Nov-2024

Application note – Reboot instead of shutdown when WOL (Wake-On-LAN) is enabled

Introduction:

Since WOL is enabled (hardcoded) in the fitlet3 BIOS, the device reboots when user attempts to shut it down.

1. Change parameters in this file:

```
sudo vi /etc/systemd/system/wol@.service
```

```
[Unit]
Description=Wake-On-LAN for %i
Requires=network.target
Before=network-online.target

[Service]
Type=oneshot
ExecStart=/usr/sbin/ethtool -s %i wol d
Restart=on-failure
RestartSec=5s

[Install]
WantedBy=multi-user.target
```

2. Stop and start the services (for resetting all parameters complete all 4 commands):

```
sudo systemctl stop wol@eno1
sudo systemctl stop wol@eno2

sudo systemctl start wol@eno1
sudo systemctl start wol@eno2
```

3. Verify that the status is the similar to the shown below:

```
systemctl status wol@eno1
```

Result:

```
wol@eno1.service - Wake-On-LAN for eno1
Loaded: loaded (/etc/systemd/system/wol@.service; enabled; vendor preset: enabled)
Active: inactive (dead) since Wed 2024-11-20 18:52:52 IST; 8s ago
Process: 1932 ExecStart=/usr/sbin/ethtool -s eno1 wol d (code=exited, status=0/SUCCESS)
Main PID: 1932 (code=exited, status=0/SUCCESS)
CPU: 2ms
Nov 20 18:52:52 compulab-Tensor systemd[1]: Starting Wake-On-LAN for eno1...
Nov 20 18:52:52 compulab-Tensor systemd[1]: wol@eno1.service: Deactivated successfully.
Nov 20 18:52:52 compulab-Tensor systemd[1]: Finished Wake-On-LAN for eno1
```

Further information

<https://fit-iot.com/web/>

www.fit-pc.com/wiki

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