

# The Linux WatchDog Timer Power Management Guide

Last reviewed: 17-Dec-2018

Wolfram Sang <[wsa+renesas@sang-engineering.com](mailto:wsa+renesas@sang-engineering.com)>

## Introduction

This document states rules about watchdog devices and their power management handling to ensure a uniform behaviour for Linux systems.

## Ping on resume

On resume, a watchdog timer shall be reset to its selected value to give userspace enough time to resume. [1] [2]

[1] <https://patchwork.kernel.org/patch/10252209/>

[2] <https://patchwork.kernel.org/patch/10711625/>