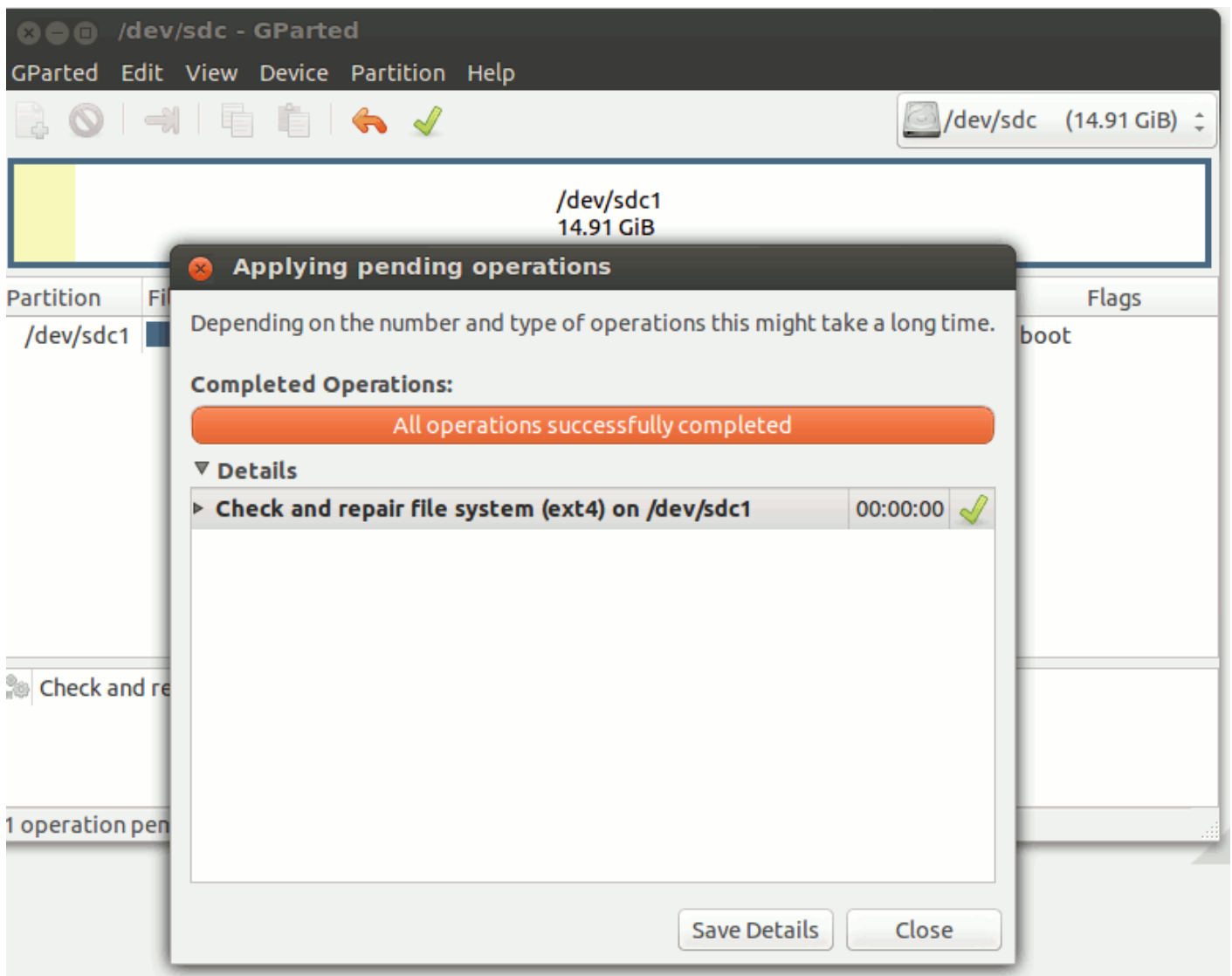


# Troubleshooting

Periodic manual restarts of your server may find the most basic of errors through the POST (Power-On Self Test). You will need to ensure that Fast Boot and Quiet Boot are disabled because they disable part of the POST process.

Performing the occasional filesystem check can correct any storage errors before they turn into a problem. This can be performed through the command line with the `fsck` command, or using the Disks app.



MemTest86+ can run a RAM test can help identify any errors before they cause problems, such as corrupted files and broken databases. Using the Ventoy USB stick we created to install Debian, you can copy the MemTest86+ ISO to run the test during boot.

```

Memtest86+ v6.00b1 | 12th Gen Intel(R) Core(TM) i9-12900KS
CLK/Temp: 3392MHz 45/45C | Pass 13% #####
L1 Cache: 48KB 259GB/s | Test 85% #####
L2 Cache: 1.25MB 111GB/s | Test #5 [Moving inversions, random pattern]
L3 Cache: 30MB 42.4GB/s | Testing: 2GB - 3GB 1GB of 15.7GB
Memory : 15.7GB 21.8GB/s | Pattern: 0x5d6a0703f931b9e2
-----
CPU: 24 Threads (Hybrid) SMP: 24T (PAR) | Time: 0:17:04 Status: Testing /
RAM: 3600MHz (DDR5-7200) CAS 56-56-56-116 | Pass: 0 Errors: 0
-----
Memory SPD Informations
-----
- Slot 3 : 16GB DDR5-7200 - LDLC TXU16G1M7200C56 (W17'22)

Asus ROG MAXIMUS Z690 EXTREME
<ESC> exit <F1> configuration <Space> scroll lock 6.00.07bf4ef.x64

```

UltimateBootCD can be used to perform a variety of hardware tests, as well as data recovery, hard drive management and view hardware information. The Ventoy USB stick can also be used to boot the UBCD ISO.

