REDFOX CLOUD

SAMPLE

Date: **2026-11-06**

Server health audit

Server: **ds1.example.com** Customer: Example Ltd

OVERALL HEALTH

Needs attention

30	3	0
OK	Warning	Critical

SUMMARY

The server and its hardware are in good shape: temperatures are normal, SSD health is 92 %, and CPU, RAM and SSD speed are in line with the baseline. 4 security updates and a kernel reboot are pending and are scheduled for Thursday at 22:00. We found 3 slow database queries and include index recommendations.

SAMPLE

PING	PACKET LOSS	AVAILABILITY (30 DAYS)	CPU LOAD
3.1 ms	**0.02 %**	**99.99 %**	**34 %**
0 – 100 ms	0 – 5 %	99 – 100 %	0 – 100 %

RAM	DISK	CPU TEMPERATURE	SSD TEMPERATURE
71 %	**63 %**	**58 °C**	**41 °C**
0 – 100 %	0 – 100 %	20 – 100 °C	20 – 80 °C

Network

Ping Warning from 30 ms, critical from 60 ms To Vilnius (LITNET), 24-hour average.	0		100	**3.1 ms**	OK
Jitter Warning from 5 ms, critical from 15 ms	0		30	**0.6 ms**	OK
Packet loss Warning from 0.5 %, critical from 2 %	0		5	**0.02 %**	OK
Internet speed ↓ Warning below 80 %, critical below 50 % · baseline 10,000 Mbps Speedtest to the nearest point.	0		11,000	**9,420 Mbps** 94 % of baseline	OK
Internet speed ↑ Warning below 80 %, critical below 50 % · baseline 10,000 Mbps	0		11,000	**9,380 Mbps** 94 % of baseline	OK

Resources and system

Availability (30 days) Warning below 99.9 %, critical below 99.5 %	99		100	**99.99 %**	OK
CPU load Warning from 70 %, critical from 90 %	0		100	**34 %**	OK

RAM Warning from 80 %, critical from 95 %	0	 100	**71 %**	OK
Disk Warning from 80 %, critical from 90 %	0	 100	**63 %**	OK
Disk wait (iowait) Warning from 5 %, critical from 15 %	0	 30	**1.9 %**	OK
Website response time Warning from 500 ms, critical from 1,200 ms	0	 2,000	**180 ms**	OK
SSL valid for Warning below 21 days, critical below 7 days Renewal is automatic.	0	 90	**64 days**	OK
Pending security updates Warning from 1, critical from 20 openssl, libc and others.	0	 50	**4**	Warning

Hardware

CPU temperature Warning from 75 °C, critical from 90 °C	20	 100	**58 °C**	OK
SSD temperature Warning from 55 °C, critical from 65 °C	20	 80	**41 °C**	OK
SSD health Warning below 30 %, critical below 10 %	0	 100	**92 %**	OK
SMART errors Warning from 1, critical from 5	0	 20	**0**	OK
RAM ECC errors Warning from 1, critical from 5	0	 20	**0**	OK
CPU speed Warning below 90 %, critical below 75 % · baseline 19,400 pts Baseline: test run when the server was new.	0	 21,340	**18,950 pts** 98 % of baseline	OK
RAM speed Warning below 90 %, critical below 75 % · baseline 40,000 MB/s	0	 44,000	**38,200 MB/s** 96 % of baseline	OK
SSD speed Warning below 80 %, critical below 60 % · baseline 3,500 MB/s Sequential read.	0	 3,850	**2,950 MB/s** 84 % of baseline	OK

Checks

OS version and support	OK	Ubuntu 24.04 LTS, supported until 2029.
Kernel update	Warning	A new kernel is installed; the server needs a reboot.
Service status	OK	nginx, php-fpm, mariadb, redis running.
Firewall and SSH	OK	UFW active, SSH key-only, root login disabled.
Failed logins	OK	1,240 failed attempts, fail2ban blocked 37 IPs.
System logs	OK	No critical errors found.
Time sync	OK	NTP in sync.
Web stack	OK	PHP 8.3, nginx 1.24; configuration is sound.
Database	Warning	3 slow queries (>1 s), indexes recommended.
Power supplies (PSU)	OK	Both PSUs working, redundancy active.
RAID array	OK	RAID1 healthy, both disks in sync.
Fans	OK	All fans running at normal speed.

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