

Server Monitor Suite v1

Free server monitoring with Telegram notifications

**Voluntary reward - if you saved the server, if you liked it,
support the project (treat me to coffee)**

What is this?

Server Monitor Suite is a system of applications for Windows and Android that constantly monitors your server and instantly notifies you via Telegram if anything goes wrong.

System requirements

- Windows 10/11 for server
- Telegram for notifications

The server part (server_monitor.exe) runs as a Windows service - it starts automatically even if you are not logged in.

Key Features

What is watching?	What does it do?	How does it notify?
CPU (processor)	If load > X% for more than Y seconds → alarm	Telegram: "High CPU load: 95% for 15 seconds!"
Network (Internet)	If speed > X Mbps for more than Y seconds → alarm	Telegram: "High traffic: 120 Mbps ↓ in 10 seconds!"
Drives (C:, D:, E:)	If free < X% → alarm	Telegram: "Drive D:\ — 12% remaining (threshold 15%)"
Reboot the system	Detects reboot	Telegram: "The server rebooted at 2:32 PM."
Shutting down the server	Detects shutdown	Telegram: "Server shut down at 11:59 PM"

Telegram notifications are instant and smart

No spam: repeat alerts only once every N minutes (configurable)

Test message: "Test Telegram" button — directly to chat

Beautiful emoji: easily distinguish the type of event

Customizable to your server

Parameter	What can be changed
CPU, network, and disk thresholds	From 0 to 100% / 10000 Mbps
Retention time (seconds)	How long does it have to last for it to work?
Pause between notifications	From 1 minute to 24 hours

Server port	1024–65535 (for security)
Client password	Hashed, secure
Server name	DC-01, VPS- Paris - whatever you like

Clients (already there!)

Platform	What can it do?
Android (Flutter : server_monitor-1.0.2+24.apk)	Multi-server dashboard: statistics, graphs.
Windows (Python: client.exe)	Full control and configuration of the current server: statistics, graphs, settings, restart
Windows (Flutter : client_f.exe - in development)	Full control and configuration of the current server: statistics, graphs, settings, restart

Safety

JWT tokens: access (1 hour) + refresh (7 days)

Automatic token renewal - no need to log in every time

The password is hashed (bcrypt) and is not stored in clear text.

Only authorized clients can change settings.

Restart the server with one button

Change the port → click "Save"

The program will automatically restart the service via nssm

Automatically connects to a new port (up to 60 seconds of waiting)

Runs as a Windows service

cmd

nssm install ServerMonitor "D:\ServerMonitor\server_monitor.exe" service

Runs when Windows starts

Works in the background

No login required

Logs in stderr.log

For free.

No subscriptions

No hidden fees

The source code is open (upon request)

Voluntary reward - if I saved you nerves and time

How to start?

Step 1: Download the app

Download everything at:

https://github.com/engine1c/ServerMonitorSuite/tree/main/ServerMonitorSuite%20_v1

Step 2: Expand to the desired folder

```
D:\ServerMonitor\  
├── install_server_monitor.bat  
├── manage_server_monitor.bat  
├── uninstall_server_monitor.bat  
├── client.exe ~ 70 MB  
├── server_monitor.exe ~ 15 MB — light as a feather  
├── config_server_monitor.ini  
├── logs \ (folder)  
├── nssm\ (folder)  
└── stderr.log
```

Recommended: D:\ServerMonitor\ — simple and reliable

Step 3: Run install_server_monitor.bat or manage_server_monitor.bat

First launch - quick setup

Enter the client password
(make up any password - it will be hashed)

Turn on Telegram notifications

Create a bot: [@BotFather](#) → /newbot

Run client.exe : configure Telegram settings ...

Copy the token → paste

Launch the bot → click Start → copy the chat_id (or use [@userinfobot](#))

... thresholds and control triggers.

CPU: 80% → alert

Drive C.: 25% free → alert

Network: 50 Mbps → alert

Click "Save"

Plans :

In the app → "Check Telegram"

You will receive:

Server Monitor - Test: OK / App NAME: Server Monitor / App Ver: 1.0.0

Open Telegram – the message has arrived!

Control servers from any Android device (Android 7.0 – 15.0)!

Download and install `server_monitor - x.x.x +xx.apk` – this application is completely safe: its only purpose is to retrieve data from servers and display CPU/ Network/ Disk usage graphs . While viewing the graphs, the data is stored in a MySQL database .

Why is Server Monitor a must-have?

Feature

Benefit

Autostart as a service

Works 24/7, even without logging into Windows

Telegram notifications

No need to check - it will come to the chat

Smart alerts

No spam - only important stuff

Safety

JWT + bcrypt — just like at a bank

Restarting a port with one button

Changed 5000 → 5001? The server will restart automatically.

Logs in `stderr.log`

Everything is transparent, everything is under control.

Support the project?

If the app saved your server, buy them a coffee.

USDT (TRC20): `TS3VUHL9kAGRcidcnFQKGRdLUn3MmsKy1P`

TON: `UQBf3znVtxGkh-y6Pyagwm7IHZcpt7pr5idH8gAppWlCrJVu`

Thank you! Your support = new features !

P.S. Coming soon:

Expanded server functionality: new triggers, more indicators!

Expanding the functionality of the Android application (notifications + charts)

Logging on the metrics server – to view server events.

Web interface (via browser) - under discussion

**Server Monitor — your server under control. Always.
Free. With passion. With Telegram.**