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# LINUX




## WHEN IT’S NOT THE NETWORK: AN RDP INVESTIGATION THAT LED ELSEWHERE

**Author(s)**: Louis Ouellet

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In a recent deployment, I was asked to investigate unstable Remote Desktop (RDP) sessions to a remote server accessed over a site-to-site VPN.

At first, the explanation sounded simple: the VPN was unstable. Users were being disconnected, the target server was remote, and all the symptoms seemed to point in the same direction.

On paper, the environment was straightforward:

- Local network: `192.168.115.0/24`

- Remote network: `192.168.201.0/24`
- Original VPN: IPsec
- Temporary replacement VPN: WireGuard
- Target server: `192.168.201.100`
- Multiple users connecting via RDP

But as is often the case in infrastructure work, the first explanation turned out to be the most convenient one — not the most accurate.

> This is one of those cases where everything looks like a network issue — until you start proving what is, and is not, actually failing.

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# HOW TO CHECK A HARD DRIVE HEALTH FROM THE COMMAND-LINE

**Author(s)**: Louis Ouellet

Monitoring the health of your hard drive is a crucial aspect of maintaining your system's integrity and performance. On Linux, the `smartmontools` package includes the `smartctl` utility, which allows you to inspect your hard drive's SMART (Self-Monitoring, Analysis, and Reporting Technology) data to predict drive failure and perform checks.

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# HOW TO INSTALL DOKUWIKI ON A LAMP SERVER

**Author(s)**: Louis Ouellet

Today, we'll explore how to set up DokuWiki, a versatile and easy-to-use wiki software, on a LAMP (Linux, Apache, MySQL, PHP) server. This guide is ideal for those looking to create a personal or professional wiki without the complexity of larger platforms.

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