

Dashboard

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The dashboard is the center of information regarding the operation of the VPN server.

The dashboard view has a simple, even crude form, because it is a tool for professional use and the emphasis is mainly on stability, using as few add-ons as possible, which can be an additional attack vector.

Dashboard

The screenshot shows the PUQVPNCP dashboard with a sidebar on the left containing navigation links: Dashboard, VPN servers, VPN accounts, Settings, and About us. The main content area is divided into several panels:

- Server Information:** Hostname: dev.softkeel.com, OS Name: Debian GNU/Linux 11 (bullseye), Architecture: amd64, CPU: Common KVM processor, CPU Threads: 4, Load: 0.04, 0.03, 0.05, Memory: 7956 MiB Used: 74%, Timezone: Europe/Warsaw.
- PUQVPNCP:** Status: OK, Version: 1.6.1, WireGuards: 78, VPN Accounts: 540/550, License: 2023-11-13T18:38:43+01:00. Includes buttons for License and Reload.
- WireGuard:** wireguard: 1.0.20210223-1, wireguard-dkms: 1.0.20210219-1, wireguard-tools: 1.0.20210223-1. Includes a Configure button.
- IKEv2:** strongswan: 5.9.1-1+deb11u3, Starter: PID: 1694733, Charon: PID: 1694734. Includes a Configure button.
- Firewall:** iptables: 1.8.7-1, iproute2: 5.10.0-4, Nat enabled: yes. Includes a Configure button.
- DNS server:** bind9: 1:9.16.33-1~deb11u1, Running: PID: 1694797. Includes a Configure button.
- Traffic logging:** rsyslog: 8.2102.0-2+deb11u1, Running rsyslog: PID: 1694711, telegraf: 1.25.0-1, Running telegraf: not running. Includes a Configure button.
- Backups:** Hourly Scheduler: Off, Daily Scheduler: On 14:45, Backup to FTP: On, Number of backups: 20. Includes a Configure button.

The main page of PUQVPNCP contains diagnostic information.

Server Information

This section contains basic information about the host server, such as:

- Hostname
- OS Name

- Architecture of CPU
- CPU name
- CPU Threads and load
- Memory size and usage percentage

PUQVPNCP

This section provides basic information about the status of the VPN server service.

- Updated real-time information about server status.
- **Status:** If the status is not OK, it means that the panel is performing operations on the server configuration. At this point, user management of VPN servers and firewalls is limited.
- **Version:** current version of the **PUQVPNCP** panel.
- **WireGuards:** Number of WireGuard interfaces in the system.
- **VPN Accounts:** The number of VPN accounts in the system.
- **License:** License status and expiration date

WireGuard

- Status and versions of installed **WireGuard** packages

IKEv2

- Status and versions of installed **strongSwan** packages

Firewall

- Status and versions of installed packages iptables, iproute2
- Status about the included nat. Nat needs to be enabled.

DNS server

- Status and versions of installed package bind9

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