Top Self-Hosted Applications to Run on Linux Servers

This list showcases powerful and privacy-friendly applications you can host on your own Linux server - perfect for replacing third-party services and building your own digital infrastructure. These apps can run on bare-metal servers, virtual machines, or Docker containers.

□□ 1. BookStack

- **Website:** https://www.bookstackapp.com/
- **Description:** A free, open-source platform for organizing and storing documentation. Great for internal IT documentation, personal notes, SOPs, and wiki-style knowledgebases.
- □□ Stack: PHP, Laravel, MySQL, Apache/Nginx.

☁ 2. Nextcloud

- **Website:** https://nextcloud.com/
- **Description:** Your personal cloud storage platform. Includes file sync, calendar, contacts, password management, and online document collaboration.
- □□ Stack: PHP, MariaDB/PostgreSQL, Apache/Nginx.

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3. Obsidian Sync / Remote Vault Hosting

- **Website:** https://obsidian.md/ *(self-host via Syncthing, Git, or WebDAV)*
- **Description:** While Obsidian itself is a desktop app, you can self-host vaults using tools like Syncthing, Git, or WebDAV over HTTPS to sync notes across devices.

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4. Docker / Portainer

- **Website (Docker):** https://www.docker.com/
- **Website (Portainer):** https://www.portainer.io/
- **Description:** Docker enables running apps in containers. Portainer is a web UI to manage Docker containers easily. Perfect for self-hosting multiple apps.

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5. Grafana + Prometheus

- **Website (Grafana):** https://grafana.com/
- **Website (Prometheus):** https://prometheus.io/
- **Description:** Popular monitoring stack for collecting, analyzing, and visualizing metrics from servers, containers, or IoT devices.

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6. Pi-hole

- **Website:** https://pi-hole.net/
- **Description:** A network-wide ad blocker that runs on Linux. Blocks ads, tracking domains, and telemetry before they reach your devices.

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7. Mail-in-a-Box

- **Website:** https://mailinabox.email/
- **Description:** Easily set up your own mail server with spam filtering, webmail, and encryption. Designed for small personal or project-based email hosting.

□□ 8Uptime Kuma

- **Website:** https://github.com/louislam/uptime-kuma
- **Description:** A beautiful, self-hosted monitoring tool for checking the availability of websites, servers, ports, and services with alerts.

□□ 9Vaultwarden (Bitwarden alternative)

- **Website:** https://github.com/dani-garcia/vaultwarden
- **Description:** A lightweight, self-hosted implementation of the Bitwarden server API, ideal for personal password management across devices.

□□ 10Jitsi Meet

- **Website:** https://jitsi.org/jitsi-meet/
- **Description:** A secure, open-source video conferencing platform. Can be hosted privately to run your own Zoom/Meet-style meetings.

□□ Bonus Picks

App	Purpose
Gitea	Lightweight self-hosted Git service (GitHub alternative)
Plex / Jellyfin	Self-hosted media server for movies, music, and TV

App	Purpose
Home Assistant	Smart home automation platform
Homer / Dashy	Custom startpages or dashboards for organizing links
FreshRSS / Miniflux	Private RSS feed reader

Summary

These apps are perfect for:

- Replacing third-party cloud services
- Hosting your own private productivity and media tools
- Learning Linux server admin, Docker, and security

Revision #1
Created 13 May 2025 22:28:54 by Nate Nash
Updated 4 June 2025 00:31:42 by Nate Nash