

OSS & Freewares

OSS List

- [Awesome-Selfhosted](#)
- [LinuxLinks - The Linux Portal Site](#)
- [OpenAlternative](#)

Good Articles to OSS

- [????????????????????](#)

????????? (Alternative to Google Analytics)

[Plausible Analytics](#)

- [Complete Guide to Self-hosting Plausible \[Privacy Friendly Google Analytics Alternative\]](#)

Video Conference

[Jitsi](#)

- [How to Self Host Jitsi Meet With Docker](#)

Linux Backup

Restic - Commands and tools such as cp, rsync, and unison are excellent for moving data from one location to the other and even for synchronizing data. However, they are not ideal for a differential or incremental backup strategy. They are also not efficient in terms of resource usage. A good backup solution not only performs a full backup, but also examines the objects to see what has changed. It accounts for these changes and saves them accordingly with emphasis on security and efficiency. When it comes to restoration, a viable backup solution should allow for the bulk and granular restoration of files, directories, and objects based on a point-in-time. **Restic** checks all of the boxes when it comes to a solid backup solution.

- [Restic Backups, A Flexible & Powerful Backup Solution](#)

Performance Analytics

Guider - Python-based Tools

- Official: <https://iipeace.github.io/docs/guider.html>
- [How to Install Guider Linux Performance Analyzer on Ubuntu 20.04](#)

Presentation

Make a slide with Markdown

- <https://revealjs.com/> Web Presentation
- <https://github.com/jdan/cleaver>
- <https://rabbit-shocker.org/>
- <https://hackmd.io/> Online-Slide
- moffee: Make Markdown Ready to Present

Prezi - ?????

- YT: ?????????????????????????????? | Prezi ?????? - YouTube

Server Performance Monitor

Collectd

- [Configure Collectd as a Central Monitoring Server for Clients](#)
- [How to Install and Configure 'Collectd' and 'Collectd-Web' to Monitor Server Resources in Linux](#)

Checkmk

- Using Checkmk for Monitoring Your Linux Server Infrastructure

[Healthchecks](#) - Healthchecks is a cron job monitoring service. It listens for HTTP requests and email messages ("pings") from your cron jobs and scheduled tasks ("checks"). When a ping does not arrive on time, Healthchecks sends out alerts.

??? Cron job?? script ? HTTP API
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[Netdata](#) - Monitor your servers, containers, and applications, in high-resolution and in real-time.

- [How to Monitor Performance Of CentOS 8/7 Server Using Netdata \(tecmint.com\)](#)

Server UpTime Monitor

- [Uptime Kuma](#)
- [NEMS Linux](#): NEMS is the Nagios Enterprise Monitoring Server for Single Board Computers
 - [Video] [NEMS Linux 1.4.1 - The FREE Nagios Enterprise Monitoring Server](#)
- [Gatus](#): Gatus is a developer-oriented health dashboard that gives you the ability to monitor your services using HTTP, ICMP, TCP, and even DNS queries as well as evaluate the result of said queries by using a list of conditions on values like the status code, the response time, the certificate expiration, the body and many others. The icing on top is that each of these health checks can be paired with alerting via Slack, Teams, PagerDuty, Discord, Twilio and many more.
- [BlueWave Uptime](#)

Remote Control

- [RPort](#): Self-hosted open source remote management solution for Windows & Linux. Intuitive, easy to use inventory management, remote access, script execution, VPN replacement, and much more.
 - [Video] [RPort - an open source, self hosted Remote Machine Management System running on Linux!](#)
- [Rustdesk](#) - Alternative to Teamviewer, Anydesk
 - [Video] [Rustdesk - an Open Source, Self Hosted alternative to TeamViewer, AnyDesk, GoToAssist, and the like.](#)

Console & Terminal

- [tmate: Instantly Share Terminal Session With Other Linux Users](#)
- Web Console
 - GateOne
 - <http://liftoffsoftware.com/>
 - <https://github.com/liftoff/GateOne>
 - <https://liftoff.github.io/GateOne/index.html>
 - [Bastillion](#) - Java-Based
- Terminal Recording

- [ascinema](#)
- [More Similar Tools](#)

Mail Server

- [grommunio](#)
- [Mail-in-a-Box](#)
 - [Video] [Episode 5 - Building a Business on Open Source - Setting up Email, Calendars, Contacts, & Cloud Sync](#)

???-?????? Translation

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- [Weblate](#)
- [POEditor](#)
- [Crowdin](#)

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- [???????????????](#)
- [?????](#)
- [???? - ??????moda — ?????? Ministry of Digital Affairs](#)

Firewall & Router

- [OPNSense](#)
 - [Video] [OPNSense - a powerful, open source, network firewall and router](#)
- [pfSense](#)
- [OpenWrt](#)
- [RouterOS](#)

Kiosk

- [Porteus Kiosk](#)

Web Benchmark

- [Ddosify - High-performance load testing tool](#)

- [Apache JMeter](#) is open source software, a 100% pure Java application designed to load test functional behavior and measure performance.

Calendar

- [Baikal](#)
 - [How to Create a Calendar Server With Baikal](#)

Active Directory

- [Zentyal](#) - Join Windows® clients to the domain and manage them transparently. No disruption to your users, no user or device CALs.
 - [Video] [An Open Source Domain Controller and Active Directory system with Zentyal!](#)

Cloud Storage

- [MinIO](#) offers high-performance, S3 compatible object storage.
 - [How to Install MinIO Storage on Rocky Linux](#)
- [SeaweedFS](#) is a fast distributed storage system for blobs, objects, files, and data lake, for billions of files.

Bootable USB Drive with ISO files

- [Ventoy](#)
- [Easy2Boot](#)

Game OS

- [SteamOS Holo](#)
 - [Video] [The Worlds Smallest Steam Machine! A Powerful Ultra Micro Gaming PC](#)

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- [Shinobi](#)
 - [Video] [Shinobi Update! This 2023 look at Shinobi CCTV System Helps show the power of open source!](#)
- [Viseron](#) - AI ????

- [Video] [Viseron - an open source, self hosted video surveillance solution with Motion and Object detection!](#)
- [Zoneminder](#)
 - [Video] [Zoneminder - an Open Source, Self Hosted surveillance system powerful enough for the Enterprise!](#)

NAS

- [TrueNAS CORE](#)
 - [TrueNAS User Guide](#)
- [OpenMediaVault](#)
 - Default Login: admin / openmediavault
 - [Documentation](#)

Forum

- [Flarum](#)
 - [Flarum: An Open-Source Community Platform Like Discourse](#)

Home Lab/Cloud Server

- [5 of the most beginner-friendly home server operating systems](#)
- [CasaOS](#) - Your Personal Cloud OS
 - [Video] [Setting up a CHEAP and EASY Homelab Linux Server](#)
- [Umbrel](#) - Your cloud. In your home.
- [1Panel](#) - Web-based linux server management control panel
 - GitHub: <https://github.com/1Panel-dev/1Panel>
 - Doc: [1Panel ??](#)

OAuth2/SSO

- [Authelia](#) - Protect your applications with Single Sign-On and 2 Factor.
 - [Video] [2 Factor Auth and Single Sign On with Authelia](#)
 - [Video] [Authelia - Free, Open Source, Self Hosted authorization and authentication for your web applications](#)
- [Authentik](#) - Identity made easy. authentik makes single-sign on (SSO), user enrollment, and access control simple.
 - [Video] [Replace Authelia With Authentik Web Proxies And OAuth2](#)

- [Zitadel](#) - Secure authentication management for your application.
 - [Video] [Zitadel, Single Sign On, and OAuth. It's Impressive!](#)
- [Keycloak](#) - Open Source Identity and Access Management
 - [Video] [Keycloak Is AWESOME! Single Sign On Made Easy!](#)

Audio

- [Best Free and Open Source Software - Audio - LinuxLinks](#)

File Transfer

- [ProjectSend](#) - ???????
 - [How to Install ProjectSend with Apache and Let's Encrypt SSL on Ubuntu 20.04](#)
- [Jirafeau](#)

Database

- [Greenplum](#) - ??????? PostgreSQL ????????????MPP??????
 - [Greenplum Database ???? ????????????????? - ?????? \(omniwaresoft.com.tw\)](#)
- [ChartDB](#) - Open-source database diagrams editor
 - GitHub: <https://github.com/chartdb/chartdb>
- [drawDB](#) - Free and open source, simple, and intuitive database design editor, data-modeler, and SQL generator
 - GitHub: <https://github.com/drawdb-io/drawdb>

Business Management

- [Odoo](#)

Desktop Tools

- [Keyviz](#) - ?????????????????????????????????

Push notification

- [ntfy](#) - Send push notifications to your phone or desktop using PUT/POST
 - GitHub: <https://github.com/binwiederhier/ntfy>
 - Doc: <https://docs.ntfy.sh/>

- [Video] [Open Source Push Notifications! Get notified of any event you can imagine. Triggers abound!](#)
- [Bark](#) - An iOS App which allows you to push customized notifications to your iPhone.
 - GitHub: <https://github.com/Finb/bark-server>

IP Scanner

- [WatchYourLAN](#)

Android running Linux

- Termux: [? Android ????? Termux ???? Linux ??](#)
- UserLAnd: [UserLAnd ?????? Android ??? Ubuntu ?????](#)

IoT

- [Home-Assistant](#) - Open-source home automation platform

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- [???? - LibreSpeed](#)
- [Helpdesk] [UVdesk: A Free and Open-Source Helpdesk Ticket System](#)
- [Rundeck](#) - ??????????
 - [Take Control of Your Cron Jobs With Rundeck](#)
 - [Rundeck????????](#)
- [Alnoda Workspace](#) - ??????????(????????)?? Web ???
- [Redmine](#) - ?????????
 - [How to Install Redmine Project Management Tool on Ubuntu 22.04](#)
- [Matrix](#) - An open network for secure, decentralized communication
- [Immich](#) - ?????/??????
 - [Immich?????????????Google????????? · Ivon???? \(ivonblog.com\)](#)
- [PeerTube](#) - An alternative to Big Tech's video platforms
- [dataease](#) - ??????????Tableau ???
- [Trigger.dev](#) - Open source background jobs with no timeouts
- [Reactive-Resume](#) - A free and open-source resume builder that simplifies the process of creating, updating, and sharing your resume.
 - Doc: [Reactive Resume | Reactive Resume](#)