How to Setup Highly Available NGINX with KeepAlived on CentOS 8

Nginx is a free, open-source and one of the most popular webserver around the world. It can also be used as a reverse proxy, load balancer and HTTP cache. The high availability allows an application to reroute work to another system in the event of failure. There are different technologies available to set up a highly available system.

Keepalived is a system daemon that monitors services or systems continuously and achieve high availability in the event of failure. If one node is down then the second node served the resources.

In this tutorial, I will show you how to set up a highly available Nginx web server with KeepAlived on CentOS 8.

Bastian Venthur: Getting the Function keys of a Keychron working on Linux

Having destroyed the third Cherry Stream keyboard in 4 years, I wanted to try a more substantial keyboard for a change. After some research I decided that I want a mechanical, wired, tenkeyless keyboard without any fancy LEDs.

At the end I settled for a Keychron C1 with red switches. It meets all requirements, looks very nice and the price is reasonable.
Telnet is a terminal emulation program for TCP/IP networks that allows you to access another computer on the Internet or local area network by logging in to the remote system. Telnet is a client-server protocol used to establish a connection to Transmission Control Protocol port number 23. You can also check open ports on a remote system using Telnet.

In this tutorial, we will learn how to install and use Telnet Server and Client on Ubuntu 20.04 LTS server.

- **How to install Notepadqq on a Chromebook [5]**

  Today we are looking at how to install Notepadqq on a Chromebook. Please follow the video/audio guide as a tutorial where we explain the process step by step and use the commands below.

- **How to play Sony PSP games in Retro Arch on Linux [6]**

  If you use Retro Arch on Linux and love the Sony PSP, you?ll be happy to know that it is possible to play PSP games on the Linux platform, thanks to the PSP Retro Arch core.

  In this guide, we?ll show you how to install Retro Arch, download the Sony PSP core, and use it to play your favorite PSP games. To get started, grab your favorite PSP ROM files and follow along.

- **How to set up a CrowdSec multi-server installation | Linux Journal[7]**

  CrowdSec is an open-source & collaborative security solution built to secure Internet-exposed Linux services, servers, containers, or virtual machines with a server-side agent. It is a modernized version of Fail2ban which was a great source of inspiration to the project founders.

  CrowdSec is free (under an MIT License) and its source code available on GitHub. The solution is leveraging a log-based IP behavior analysis engine to detect attacks. When the CrowdSec agent detects any aggression, it offers different types of remediation to deal with the IP behind it (access prohibition, captcha, 2FA authentication etc.). The report is curated by the platform and, if legitimate, shared across the CrowdSec community so users can also protect their assets from this IP address.

  A few months ago, we added some interesting features to CrowdSec when releasing v1.0.x. One of the most exciting ones is the ability of the CrowdSec agent to act as an HTTP rest API to collect signals from other CrowdSec agents. Thus, it is the responsibility of this special agent to store and share the collected signals. We will call this special agent the LAPI server.
from now on.

- **How to upgrade to Ubuntu 21.04** [8]

Ubuntu 21.04 is here! With it comes exciting new updates to the Ubuntu desktop, the Ubuntu Linux kernel, as well as many new features that users are sure to love. In this guide, we'll go over how you can upgrade your system to 21.04.

- **Fork bomb (don't actually execute)** [9]

**HowTos**

**Source URL:** [http://www.tuxmachines.org/node/150662](http://www.tuxmachines.org/node/150662)

**Links:**
[1] [http://www.tuxmachines.org/taxonomy/term/98](http://www.tuxmachines.org/taxonomy/term/98)
[3] [https://venthur.de/2021-04-30-keychron-c1-on-linux.html](https://venthur.de/2021-04-30-keychron-c1-on-linux.html)
[7] [https://www.linuxjournal.com/content/how-set-crowdsec-multi-server-installation](https://www.linuxjournal.com/content/how-set-crowdsec-multi-server-installation)