

today's howtos

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- [How to install Lubuntu 21.04](#) [2]

In this video, I am going to show how to install Lubuntu 21.04.

- [How to Install Pleroma Social Network Platform on Ubuntu 20.04](#) [3]

Pleroma is an open-source federated social networking platform, compatible with Mastodon and other ActivityPub platforms. It is a part of the Fediverse, a federated network of instances that can communicate using a common protocol. One single account on one instance can talk to the entire Fediverse network.

This guide will show you how to create your own Pleroma instance by installing it on an Ubuntu 20.04 based server.

- [What is Cert-Manager and how to setup Cert-Manager for SSL certificates in Kubernetes Cluster on AWS using Helm](#) [4]

Cert-Manager is a controller used for certificate management. A Cert-Manager can help to issue certificates from different issuers like Let's Encrypt, HashiCorp Vault, Venafi, a simple signing key pair, or self-signed. Cert-Manager validates certificates, ensures they are up to date, and renews before expiry. Cert-Manager is made up of several components as mentioned below.

- [How to prevent CUPS omitting the bottom of the CUPS Printer test page | Fitzcarraldo's Blog](#) [5]

This is something that has been bugging me for years but I never bothered to look into it until now. When I set up a printer using CUPS Administration and then print a test page, for some printers the bottom of the test page image is cut off, as shown in the scanned image below. Also, the left side of the test page image is too close to the left side of the sheet of paper. This happens when I use the Gutenprint printer drivers, although I do not know if that is a coincidence. The CUPS printer test page (A4 paper) shown below is from a Canon PIXMA MP510 printer using the Gutenprint v5.3.3 driver for that model.

- [How to install GNOME \(GUI\) on CentOS - LinuxTechLab](#) [6]

When we install any CentOS version, we do have the option to install GUI along with the operating system as well. But many times, we might not install the GUI as we do not have a need for the GUI & installing those packages for GUI will only result in an increase in CentOS installation size.

But what do we do if need to GUI for CentOS afterward? Do we need to reinstall CentOS ? or can we just install some packages for GUI?

The answer to that is, Yes we can install GNOME (GUI) on CentOS. In this tutorial, we will learn how to install Gnome of CentOS 7 installations. Gnome provides a nice GUI for us to manage our servers graphically.

- [MongoDB Replica Set with Master-Slave Replication and Automated Failover](#) [7]

A replica set is a group of MongoDB database nodes used for defining database clusters with master-slave replication and automated failover. A replica set contains a single primary node, multiple secondary nodes, and an arbiter node. The primary node receives all write operations while other nodes apply operations from the primary so that all nodes have the same data set.

If your primary node breaks due to hardware failure or system-related issues, the replica set members autonomously select a new primary node, and your application functioning without manual intervention.

In this post, we will explain how to set up a MongoDB replica set with three nodes. We will also show you how to create an environment, configure authentication between multiple database nodes and finally configure the replication between all nodes.

- [Write a bash/shell script to Finding and deleting duplicate files or directories - Linux Concept](#) [8]

At one point, we had already talked about checking to see if strings inside of a file were unique and if we could sort them, but we haven't yet performed a similar operation on files. However, before diving in, let's make some assumptions about what constitutes a duplicate file for the purpose of this recipe: a duplicate file is one that may have a different name, but the same contents as another.

- [WordPress News ? Getting Started with the Figma WordPress Design Library ? WordPress.org](#)[9]

As the name suggests, the WordPress Design Library is a library of WordPress design assets, enabling anyone to quickly create design prototypes for WordPress UI in Figma.

These tools are useful for designers when creating new UI and for anyone looking to contribute ideas, enhancements, or even solutions to bug reports. Sometimes pictures really do speak a thousand words.

In this post, we'll talk about some key features of Figma before diving into a practical example that demonstrates some of the WordPress Design Library utilities.

- [How-to Get \[Query\] AWS EC2 Instance Metadata](#) [10]

In this tutorial we will learn how to get EC2 Instance Metadata from an AWS EC2 instance. We will get the metadata using `ec2-metadata` and `ec2 metadata`. This is not typo. The tools name is really similar but one of them using dash on its name.

- [IUS Repository On CentOS 7 : How To Enable](#) [11]

In this tutorial we'll learn how to enable IUS repository on CentOS 7. IUS stands for Inline with Upstream Stable.

IUS will update RPM packages once new versions released by upstream developers. IUS will also not replace stock RPM packages or packages that shipped with distribution. The goal of IUS project is to provide high quality RPM packages for Red Hat Enterprise Linux (RHEL) and CentOS.

- [How to Discover, From Inside a Bash Script, the Path the Script Is In](#) [12]

When you develop complex Bash scripts and start putting various scripts into a folder, where

one script interacts with another by, for example, starting it, it quickly becomes necessary to ensure we know the path the script was started from, so we can start the other scripts with a fully qualified pathname. This is important because the first script may have been started from outside the script's directory. We could have also done so by using a relative path, so even - somehow - reading the command that started the current script will not work.

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[How To Install Linux Kernel 5.12 In Ubuntu / Linux Mint | Tips On UNIX](#) [13]

Linus Torvalds announced the Linux Kernel 5.12 after few weeks in development and available for general usage with new features, improvements, and better hardware support.

As per Linus Torvalds for Kernel 5.12

Thanks to everybody who made last week very calm indeed, which just makes me feel much happier about the final 5.12 release.

This tutorial will be helpful for beginners to install kernel 5.12 in Ubuntu 20.04 LTS, Ubuntu 20.10, Ubuntu 18.04 LTS, and LinuxMint 20.1

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[How to Upgrade to Fedora 34 from Fedora 33 - Fedora Version Update - Putorius](#) [14]

Now that Fedora 34 is released with all of it's new goodies we will show you how to upgrade your system. This guide will show you how to upgrade your Fedora 33 (or earlier) system to the latest and greatest. We will be upgrading Fedora using the DNF package manager. Let's get started.

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[How to install Netdata on Linux such as Ubuntu 20.04 Server to monitor - Linux Shout](#) [15]

Netdata is a free web-based real-time monitoring solution available to install on Linux servers to monitor their performance and resource consumption locally or remotely. It is very easy to set up, the latest version can be installed with just a command on all popular Linux systems including Ubuntu 20.04/18.04, CentOS 7/8, RHEL, OpenSUSE, Debian, Linux Mint and more?

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[How To Set A Cron Job In TrueNAS \(the easy way\)](#) [16]

In this article we are going to create a new cron job in TrueNAS using the web interface.

What is a Cron Job?? It's a time-based job scheduler in Unix-like computer operating systems. Users who set up and maintain software environments use cron to schedule jobs (commands or shell scripts) to run periodically at fixed times, dates, or intervals.

So to create our first job we need to open the web panel go to your TruNAS IP address for example 192.168.0.7 and you will see the login dashboard (after you login...

[HowTos](#)

Source URL: <http://www.tuxmachines.org/node/150572>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/98>
- [2] <https://www.youtube.com/watch?v=0bP9SdAmTWg>
- [3] <https://www.howtoforge.com/how-to-install-pleroma-social-network-platform-on-ubuntu-20-04/>
- [4] <https://www.howtoforge.com/what-is-cert-manager-and-how-to-setup-cert-manager-for-ssl-certificates-in-kubernetes-cluster-on-aws-using-helm/>
- [5] <https://fitzcarraldoblog.wordpress.com/2021/04/28/how-to-prevent-cups-omitting-the-bottom-of-the-cups-printer-test-page/>
- [6] <https://linuxtechlab.com/how-to-install-gnome-gui-on-centos/>
- [7] <https://www.rosehosting.com/blog/mongodb-replica-set-with-master-slave-replication-and-automated-failover/>
- [8] <https://linuxconcept.com/write-a-bash-shell-script-to-finding-and-deleting-duplicate-files-or-directories/>
- [9] <https://wordpress.org/news/2021/04/getting-started-with-the-figma-wordpress-design-library/>
- [10] <https://www.howtodojo.com/how-to-get-query-aws-ec2-instance-metadata/>
- [11] <https://www.howtodojo.com/enable-ius-repository-centos-7/>
- [12] <https://linuxconfig.org/how-to-discover-from-inside-a-bash-script-the-path-the-script-is-in>
- [13] <https://www.tipsonunix.com/2021/04/how-to-install-linux-kernel-5-12-in-ubuntu-linux-mint/>
- [14] <https://www.putorius.net/upgrade-to-fedora-34.html>
- [15] <https://www.how2shout.com/linux/how-to-install-netdata-on-linux-such-as-ubuntu-20-04-server/>
- [16] <https://lateweb.info/how-to-set-a-cron-job-in-truenas-the-easy-way/>