Linux Docs

Initial server setup with CentOS 7

<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-centos-7>

How To Configure SSH Key-Based Authentication on a Linux Server

<https://www.digitalocean.com/community/tutorials/how-to-configure-ssh-key-based-authentication-on-a-linux-server>

LAMP Installation on CentOS 7

<https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-centos-7>

Install MySQL on CentOS 7

<https://www.microhost.com/docs/tutorial/how-to-install-latest-mysql-5-7-on-centos-7/>

Installing MySQL on Linux Using the MySQL Yum Repository with specific version required.

<https://dev.mysql.com/doc/refman/5.7/en/linux-installation-yum-repo.html>

MySQL root password: \_!F9%AjBHHhu | User@12345@

Besides using **yum-config-manager** or the **dnf config-manager** command, you can also select a release series by editing manually the /etc/yum.repos.d/mysql-community.repo file. This is a typical entry for a release series' subrepository in the file:

**Error**: Public key for mysql-community-server-5.7.40-1.el7.x86\_64.rpm is not installed

Failing package is: mysql-community-server-5.7.40-1.el7.x86\_64

GPG Keys are configured as: file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql

**import the new GPG key ###**

rpm --import<https://repo.mysql.com/RPM-GPG-KEY-mysql-2022>

To find the MySql root password generated:

grep 'temporary password' /var/log/mysqld.log

Install PHP 5.6

Install Remi and EPEL repository first. Then install yum utils

# yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

# yum install http://rpms.remirepo.net/enterprise/remi-release-7.rpm

Next, install **yum-utils** which is an assortment of utilities that integrate with yum to enhance its default features, giving it more advanced package management options and also making it easier to use.

# yum install yum-utils

Install Proftpd on CentOS 7

<https://linuxconfig.org/setup-secure-proftpd-server-on-centos-7-with-tls>

<https://www.tecmint.com/install-proftpd-in-centos-7/>

kokate061898-umbc@apply-student.com

Installation of Zimbra on CentOS 7

<https://www.tecmint.com/install-zimbra-collaboration-suite-on-centos-rhel/>

If you get the below error during installation:

ERROR: Installation can not proceeed. Please fix your / etc / hosts file to contain: <ip> <FQHN> <HN> Where <IP> is the ip address of the host, <FQHN> is the FULLY QUALIFIED host name, and <HN> is the (optional) hostname-only portion

Solution: Add a hostname and update the same in /*etc/hosts* file

eg: *hostnamectl set-hostname mail*

*echo “<IP> mail.domain.com mail ” >> /etc/hosts*

*cat /etc/hosts*

Verify by pinging the mail server

*ping -c1 mail.domain.com*

*ping -c1 mail*

**Important files location -**

Bind DNS file location - ***/etc/named.conf***

By default, zone lookup files are placed under **/var/named** directory.

SystemD files - ***/etc/sysctl.d***

System services initialization files - ***/etc/init.d***

Network Manager or DNS namerserver file *-* ***/etc/resolve.conf***

Hostname or Hosts file - **/etc/hosts**

**/boot –** Bootloader files

**/etc/fstab** usually contains information about which device needs to be mounted where.

Most of the devices are indicated by files like **/dev/sda4**

Important Files and Directories - [www.dba-oracle.com/linux/important\_files\_directories.htm](http://www.dba-oracle.com/linux/important_files_directories.htm)

Linux Directory Structure - <https://www.geeksforgeeks.org/linux-directory-structure/>

**How do I fix the XFS filesystem when it can't be booted?**

<https://www.2daygeek.com/repairing-xfs-file-system-in-rhel/>

**SMTP postfix file configurations**

<https://www.postfix.org/SMTPD_ACCESS_README.html>

<https://www.postfix.org/postconf.5.html#permit_mynetworks>

Linux interview questions

<https://mindmajix.com/linux-interview-questions>

How To Configure DNS (BIND) Server on CentOS 7 / RHEL 7

<https://www.itzgeek.com/how-tos/linux/centos-how-tos/configure-dns-bind-server-on-centos-7-rhel-7.html>

Setting up a Bind DNS server on Ubuntu server - <https://www.youtube.com/watch?v=DuVNclBfykw>

Disk Partition using fdisk command

<https://www.geeksforgeeks.org/fdisk-command-in-linux-with-examples/>

Linux Directory Structure and Important Files Paths Explained

<https://www.tecmint.com/linux-directory-structure-and-important-files-paths-explained/>

Understanding Apache logs - <https://www.sumologic.com/blog/apache-access-log/>

What Is The Difference Between Rsync And Scp? - <https://blog.knoldus.com/what-is-the-difference-between-rsync-and-scp/>

Approval Management System -

1. Tallyfy

2. Jotform