

CENTOS is open source Linux distribution.

Pre-requisites:

- 1. Min 10 GB of disk space**
- 2. Min 1 GB of RAM**



CentOS

Download CENTOS 7 <https://www.centos.org/download/>



Download CentOS

As you download and use CentOS Linux, the CentOS Project invites you to be a part of the community as a contributor. There are many ways to contribute to the project, from documentation, QA, and testing to coding changes for SIGs, providing mirroring or hosting, and helping other users.

DVD ISO **Minimal ISO**

ISOs are also available via Torrent.

How to verify your iso

If you plan to create USB boot media, please read this first to avoid damage to your system.

If the above is not for you, alternative downloads might be.

The release notes are continuously updated to include issues and incorporate feedback from users.

Need a Cloud or Container Image?

Amazon Web Services

Docker registry

More download choices

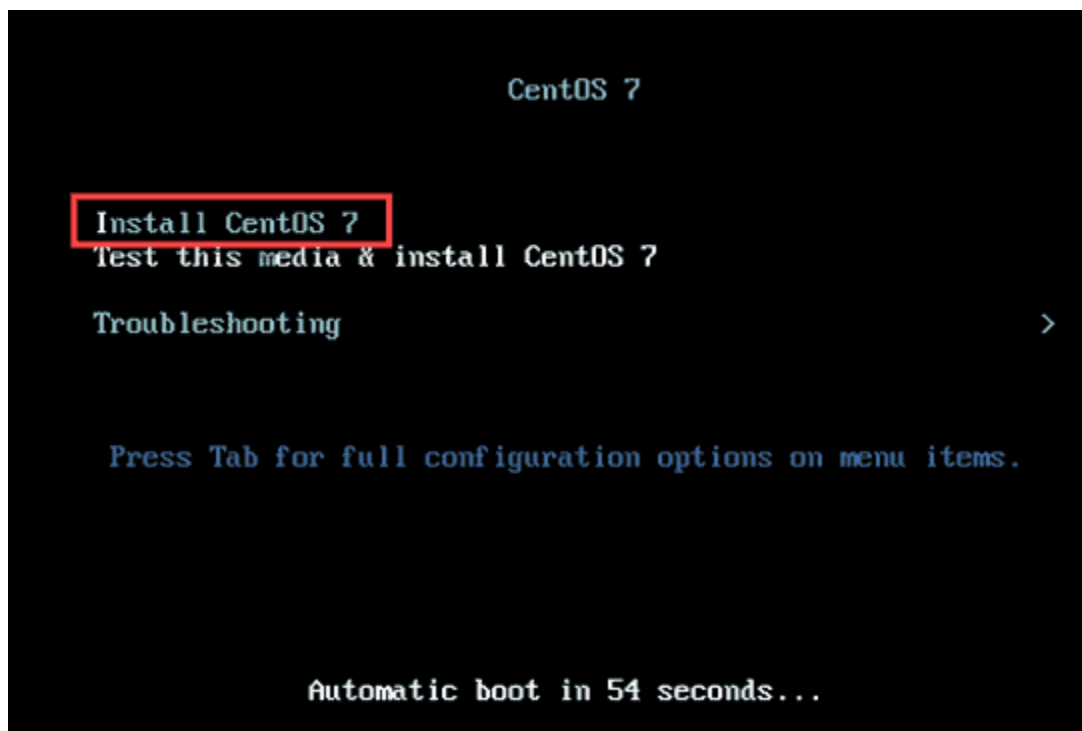
If you're looking for a specific (or geographically local) mirror, please check out our list of current mirrors

To check the status of a mirror, please visit mirror-status.centos.org

Make bootable device:

- 1. USB disk of size 4GB or 4 GB DVD ROM**
- 2. Create bootable ISO image with opensource software rufus or etcher**
- 3. Bootable DVDROM ISO image file with opensource tools like nero or other**

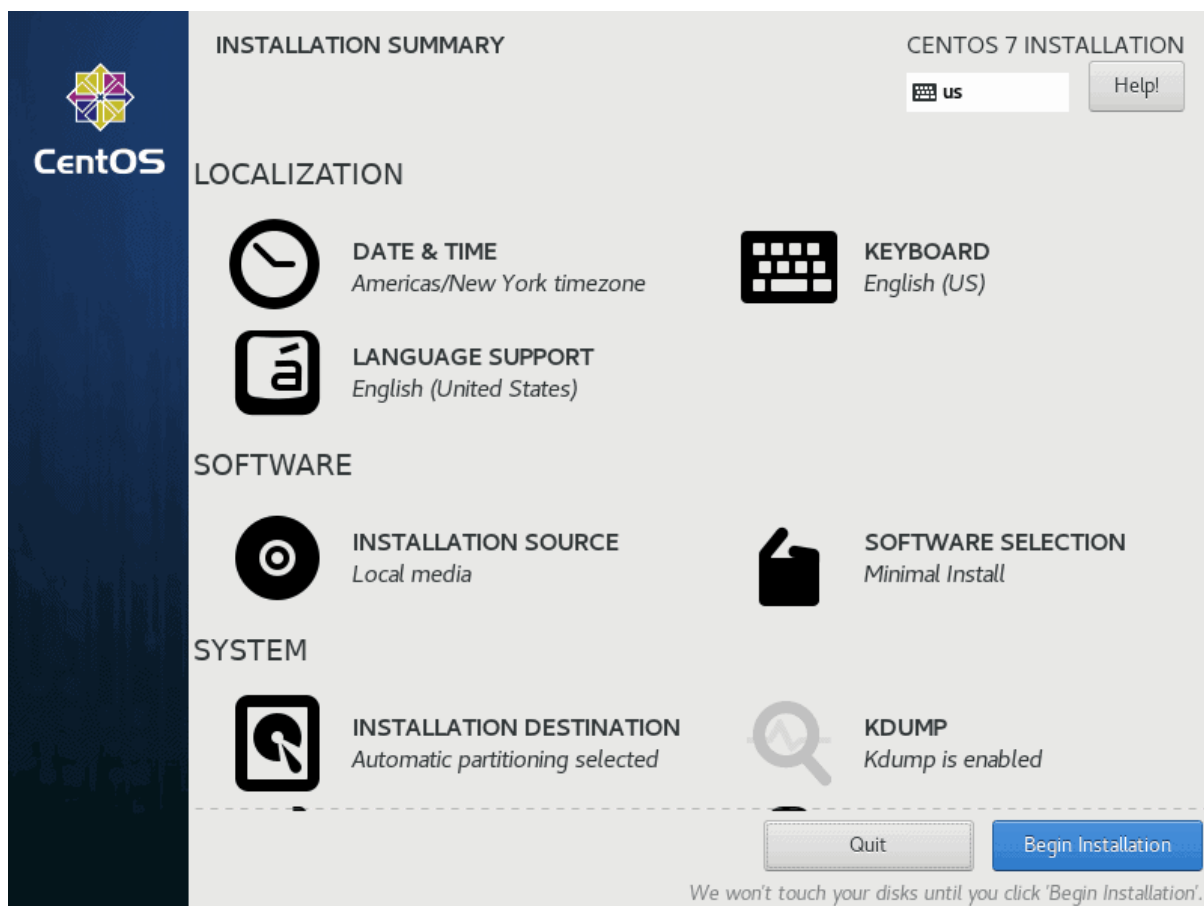
Insert the bootable media (USB or CDROM or Network)



Select the language. Default option is English



Select Continue



ASIA/KOLKATA is timezone for IST

Keyboard Layout: English (US)

DATE & TIME

Done

CENTOS 7 INSTALLATION

 us

Help!

Region: Americas City: New York Network Time OFF




10:30 PM

☒ 24-hour
☐ AM/PM


04 / 02 / 2019

 You need to set up networking first if you want to use NTP


CentOS


INSTALLATION SUMMARY

CENTOS 7 INSTALLATION


 us

Help!


LOCALIZATION



DATE & TIME
Americas/New York timezone




KEYBOARD
English (US)




LANGUAGE SUPPORT
English (United States)

SOFTWARE




INSTALLATION SOURCE
Local media




SOFTWARE SELECTION
Minimal Install

SYSTEM



INSTALLATION DESTINATION
Automatic partitioning selected



KDUMP
Kdump is enabled

Quit

Begin Installation

We won't touch your disks until you click 'Begin Installation'.

SOFTWARE Selection:

- ***Minimal Install. This is the most flexible and least resource-demanding option. Excellent for production environment servers. Be prepared to customize the environment.***
- ***Predefined Server Options. If you are 100% certain about the role of your server and don't want to customize it for its role, select one of the predefined server environments.***
- ***GNOME Desktop and KDE Plasma Workspaces. These environments include a full graphical user interface.***

Partitioning

- ***Option 1: Automatic Partitioning***
Under the Other Storage Options heading, select the Automatically configure partitioning checkbox. This ensures the selected destination storage disk will automatically partition with the /(root), /home and swap partitions. It will automatically create an LVM logical volume in the XFS file system.
- ***If you do not have enough free space, you can reclaim disk space and instruct the system to delete files.***

- ***When finished, click the Done button.***
- ***Option 2: Manual Partitioning***
- ***Select the I will configure partitioning checkbox and choose Done.***

SOFTWARE SELECTION

CENTOS 7 INSTALLATION

Done

us

Help!

Base Environment

☒ **Minimal Install**
Basic functionality.

☐ **Compute Node**
Installation for performing computation and processing.

☐ **Infrastructure Server**
Server for operating network infrastructure services.

☐ **File and Print Server**
File, print, and storage server for enterprises.

☐ **Basic Web Server**
Server for serving static and dynamic internet content.

☐ **Virtualization Host**
Minimal virtualization host.

☐ **Server with GUI**
Server for operating network infrastructure services, with a GUI.

☐ **GNOME Desktop**
GNOME is a highly intuitive and user friendly desktop environment.

☐ **KDE Plasma Workspaces**
The KDE Plasma Workspaces, a highly-configurable graphical user interface which includes a panel, desktop, system icons and desktop widgets, and many powerful KDE applications.

Add-Ons for Selected Environment

☐ **Debugging Tools**
Tools for debugging misbehaving applications and diagnosing performance problems.

☐ **Compatibility Libraries**
Compatibility libraries for applications built on previous versions of CentOS Linux.

☐ **Development Tools**
A basic development environment.

☐ **Security Tools**
Security tools for integrity and trust verification.

☐ **Smart Card Support**
Support for using smart card authentication.

☐ **System Administration Tools**
Utilities useful in system administration.

Network Configuration:

Set the Hostname

Assign IP address either static or DHCP

Make selection enable or disable for KDUMP and Security policy.

NETWORK & HOST NAME

CENTOS 7 INSTALLATION

Done

us

Help!

Ethernet (enp0s3)
Intel Corporation 82540EM Gigabit Ethernet Controller (PCI-Express)

+ -

Ethernet (enp0s3)
Disconnected

Hardware Address

Speed 1000 Mb/s

OFF

Configure...

Host name:

Apply

Current host name: localhost

NETWORK & HOST NAME CENTOS 7 INSTALLATION

Editing enp0s3

Connection name:

General Ethernet 802.1X Security DCB Proxy **IPv4 Settings** IPv6 Settings

Method: Manual

Addresses

Address	Netmask	Gateway
<input type="text"/>	<input type="text"/>	<input type="text"/>

Add
Delete

DNS servers:

Search domains:

DHCP client ID:


☐ Require IPv4 addressing for this connection to complete

Routes...


Cancel Save


Set password for root account and create one user account

CONFIGURATION CENTOS 7 INSTALLATION

 us Help!


USER SETTINGS


 **ROOT PASSWORD**
Root password is not set

 **USER CREATION**
No user will be created

Creating lvm pv on /dev/sda2

CentOS Virtualization SIG
Virtualization in CentOS, virtualization of CentOS.
wiki.centos.org/SpecialInterestGroup



 Please complete items marked with this icon before continuing to the next step.

ROOT PASSWORD

CENTOS 7 INSTALLATION

Done

us

Help!

The root account is used for administering the system. Enter a password for the root user.

Root Password:

.....

Strong

Confirm:

.....

CREATE USER

CENTOS 7 INSTALLATION

Done

us

Help!

Full name

Deon Tucker

User name

dtucker

Tip: Keep your user name shorter than 32 characters and do not use spaces.

☒ Make this user administrator

☒ Require a password to use this account

Password

.....

Strong

Confirm password

.....

Advanced...



CentOS

CONFIGURATION

CENTOS 7 INSTALLATION

us

Help!

USER SETTINGS



ROOT PASSWORD
Root password is set



USER CREATION
Administrator dtu...r will be created

Complete!

CentOS is now successfully installed and ready for you to use!
Go ahead and reboot to start using it!

Reboot

⚠ Use of this product is subject to the license agreement found at </usr/share/centos-release/EULA>