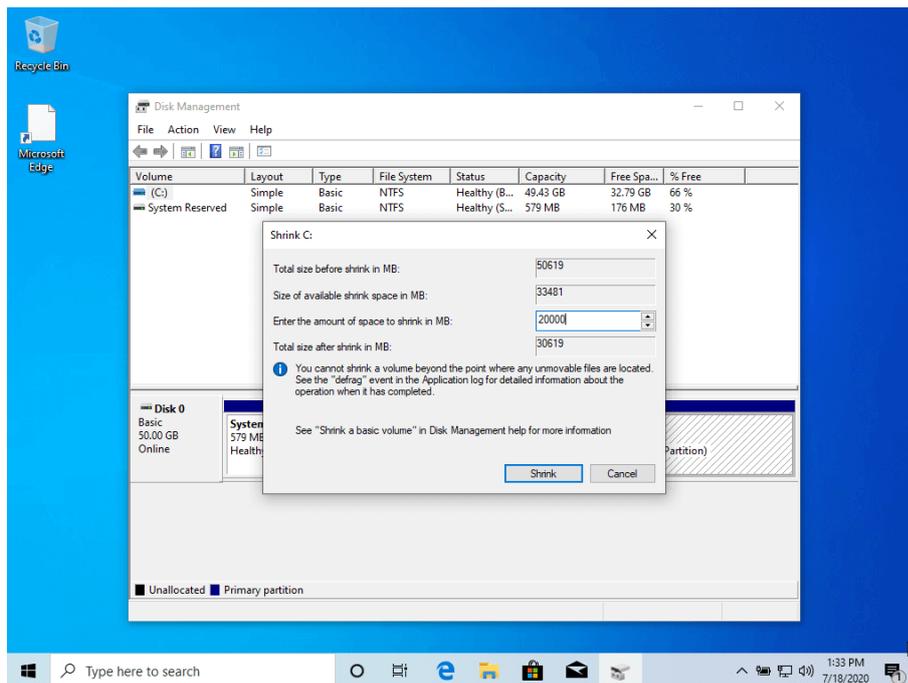


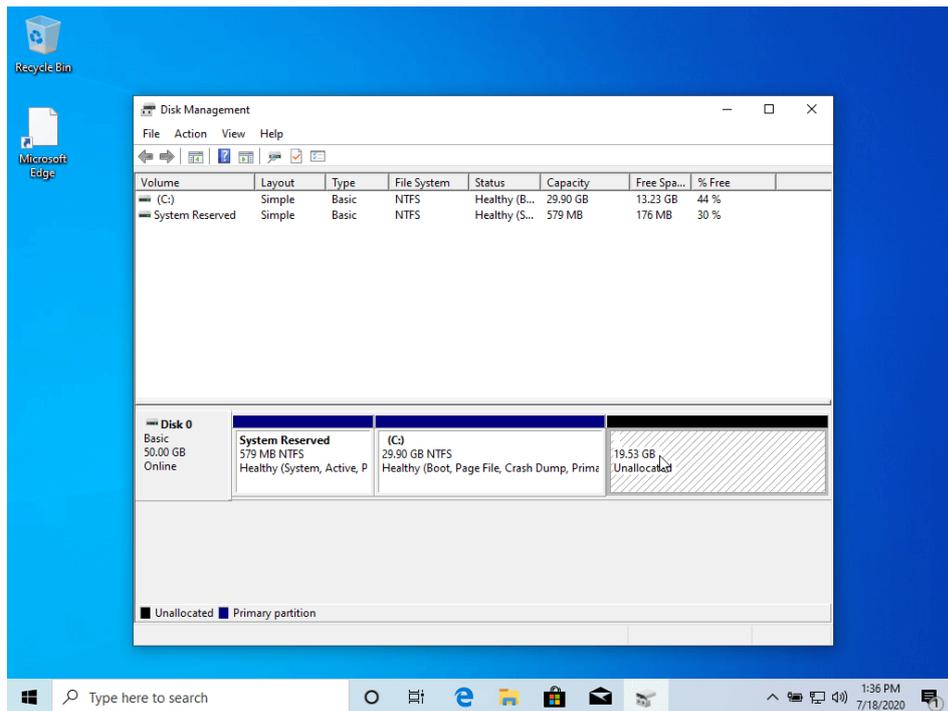
Preparing Windows Machine for Dual-Boot for Fedora

Open your windows **Disk Management utility** and right-click on **c:** partition and select **Shrink Volume** in order to resize the partition for Fedora installation.

Give at least **20000 MB (20GB)** depending on the size of **c:** partition and hit **Shrink** to start partition resize as shown below.



After resizing partition, you will see a new unallocated space on the hard drive. Leave it as default and reboot the system in order to proceed with the Fedora installation

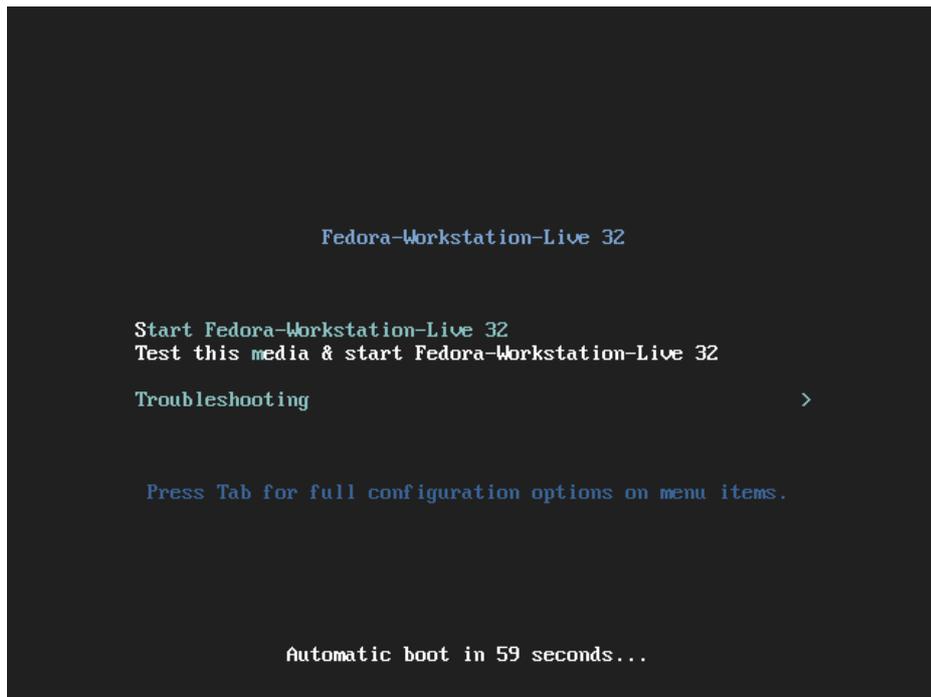


Install Fedora 32 with Windows Dual-Boot

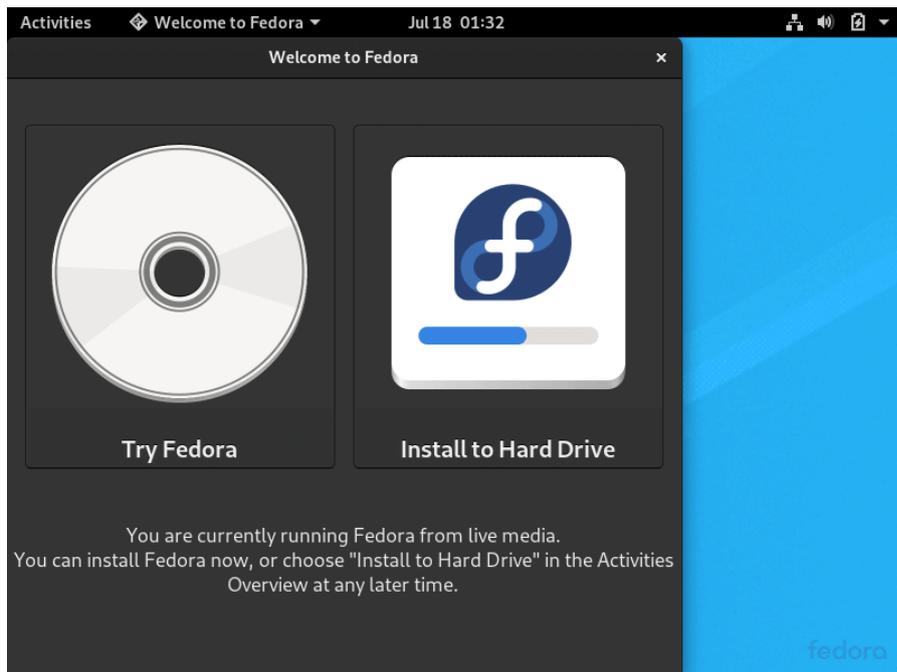
1. On the first step, download the [Fedora DVD ISO](#) image and burn it to a DVD disk or create a bootable USB flash drive using the **Fedora Media Writer** tool or other utility.

To create a bootable **Fedora USB** drive compatible with installation performed in **UEFI** mode, use [Rufus utility](#) or [Etcher](#). Place Fedora bootable media into your machine appropriate drive, restart the machine and instruct the **BIOS** or **UEFI** firmware to boot from **DVD/USB** bootable media.

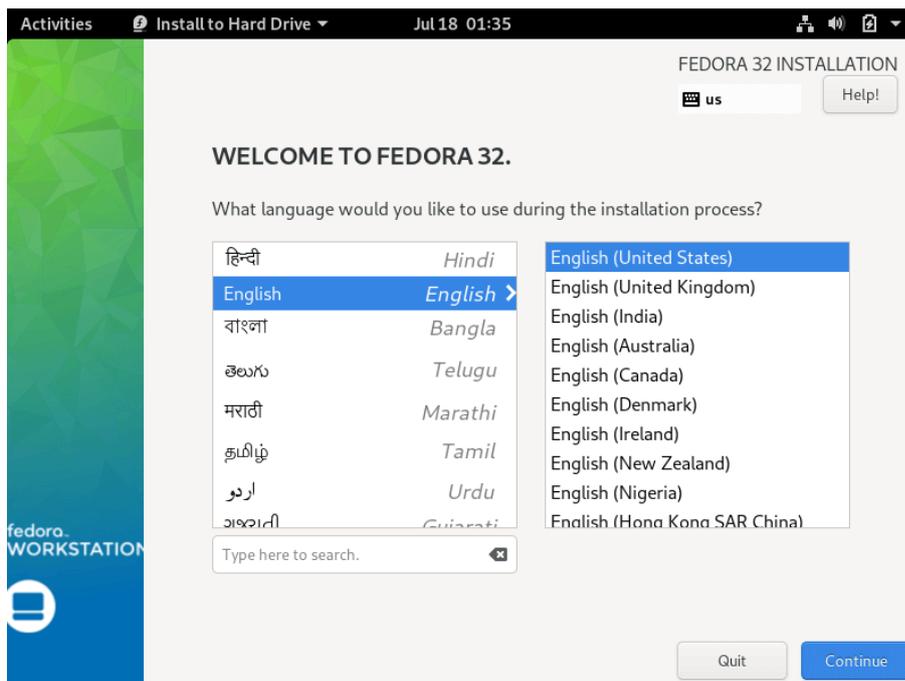
2. On the first installation screen, select **Install Fedora Workstation Live 32** and press **[enter]** key to continue.



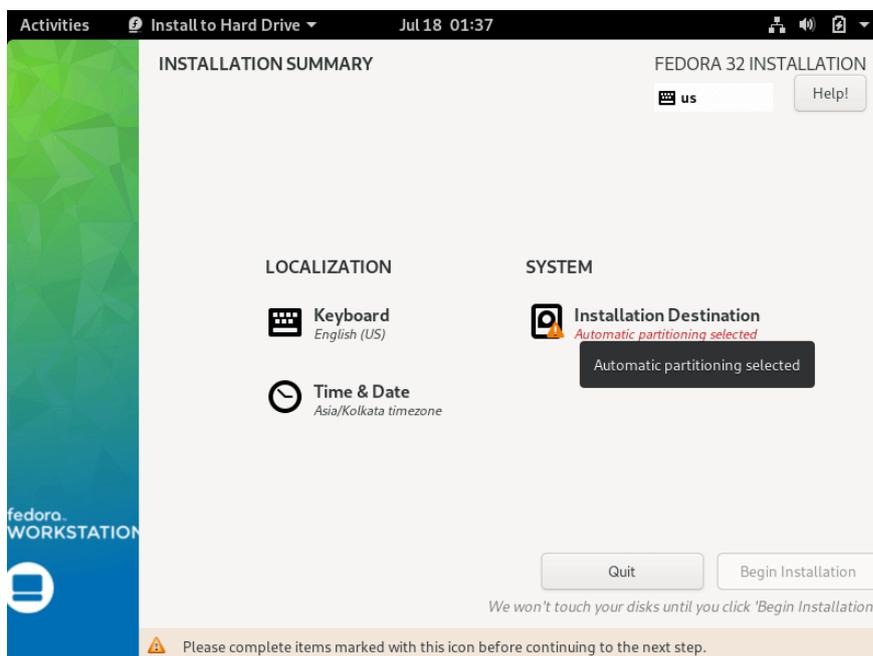
3. After the installer loads the **Fedora Live** system, click on **Install to Hard Drive** option in order to start the installation process.



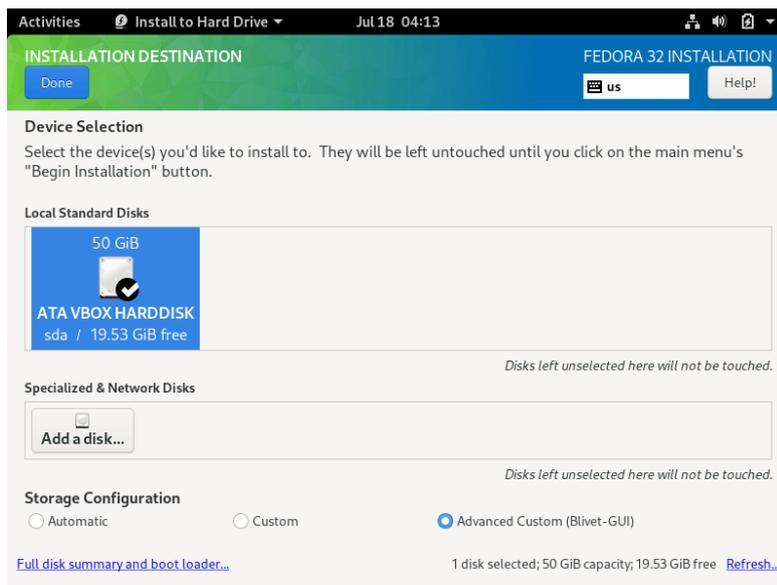
4. On the next screen, select the **language** that will be used during the installation process and hit on the **Continue** button.



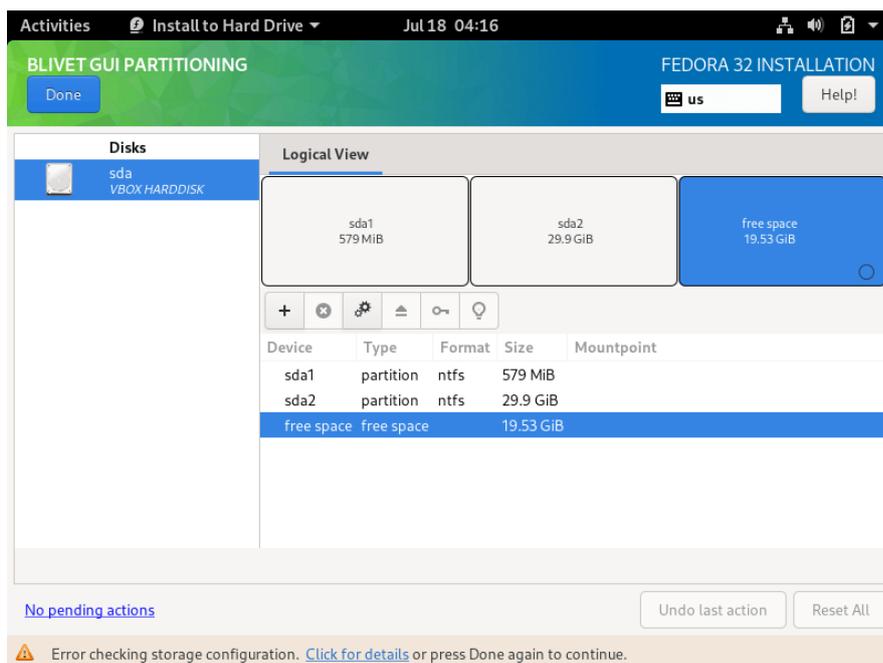
5. The next screen will present you **Fedora Installation Summary** menu. First, click on the **Keyboard** menu, choose your system **keyboard layout**, and hit on the top **Done** button to complete this step and go back to the main menu, as illustrated in the below images.



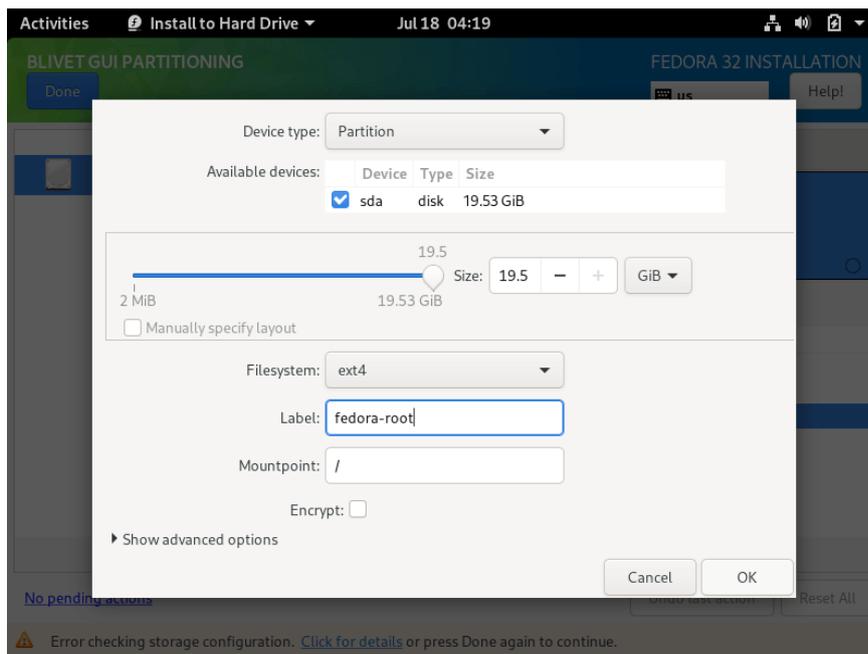
6. Next, click on the **Installation Destination** menu, check your machine hard disk and select the **Advanced Custom (Blivet-GUI)** option to configure the storage. Again, hit on the **Done** button to enter the **Blivet GUI Partitioning** program.



7. In this step, select the free space that resulted after shrinking the Windows partition will be used for installing Fedora Workstation. Select the free space and hit on the + button to create a new partition



8. On partition settings window, enter the size of the partition, select a file system type, such as the robust ext4 file system to format the partition, add a label for this partition and use `/(root)` as the mount point of this partition. When you finish hit the **OK** button to apply the new configuration. Use the same procedure to create the swap partition or other partitions for your system. In this tutorial, we'll create and install Fedora on a single partition mounted in `/(root)` tree and we'll configure no swap space.



9. After you've created the partitions, review the partition table and press the top **Done** button twice to confirm configuration and hit on **Accept Changes** button from the pop-up **Summary of Changes** window to apply storage partition configurations and return to the main menu.

Disks

- sda VBOX HARDDISK

Logical View

Tools: +, ✖, ⚙, ⏴, 🔑, 💡

Device	Type	Format	Size	Mountpoint
sda1	partition	ntfs	579 MiB	
sda2	partition	ntfs	29.9 GiB	
sda3	partition	ext4	19.53 GiB	/

1 pending action Undo last action Reset All

⚠ Error checking storage configuration. [Click for details](#) or press Done again to continue.

SUMMARY OF CHANGES

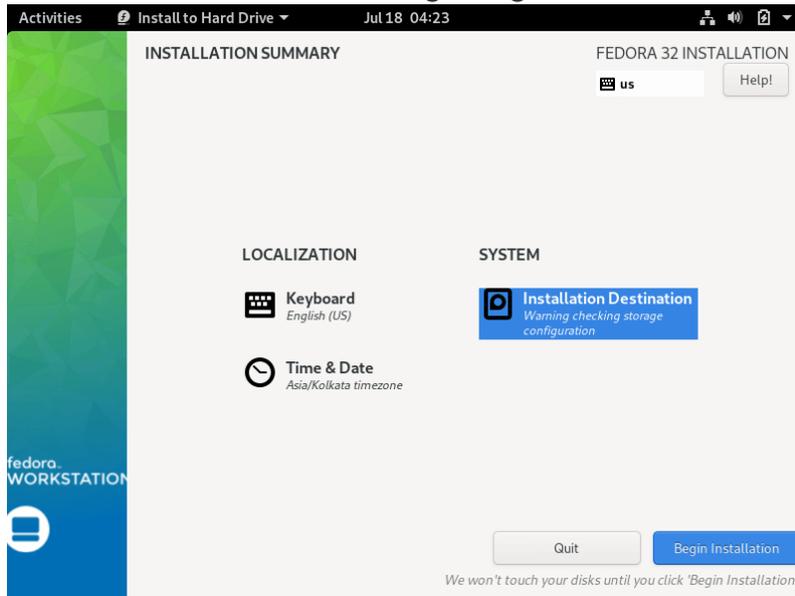
Your customizations will result in the following changes taking effect after you return to the main menu and begin installation:

Order	Action	Type	Device	Mount point
1	create device	partition	sda3 on ATA VBOX HARDDISK	
2	create format	ext4	sda3 on ATA VBOX HARDDISK	/

Cancel & Return to Custom Partitioning Accept Changes

1 pending action Undo last action Reset All

10. To start the installation process, just hit on the **Begin Installation** button, as illustrated in the following image.



11. After the installation completes, eject Fedora installation media and reboot the machine.

12. After the system boots up, follow the Fedora post-installation instructions as shown.

13. Connect online accounts to access your email accounts, contacts, documents, photos and more.

14. Next, add the name of a new user and set up a strong password for the new account.

15. Finally, your Fedora system is ready to use.

16. After reboot, you will be directed to the GRUB menu, where for 5 seconds you can choose what operating system you want the machine to boot from **Fedora** or **Windows**.

```
Fedora (5.6.6-300.fc32.x86_64) 32 (Thirty Two)
Fedora (0-rescue-298544d8132c45928ae3a864786766a2) 32 (Thirty Two)
Windows 10 (on /dev/sda1)
```

Use the ↑ and ↓ keys to change the selection.
Press 'e' to edit the selected item, or 'c' for a command prompt.