PERFECT FOR EVERYONE

Leap is your go-to base for your AI applications with many packages ready to ship.

ARTIFICIAL INTELLIGENCE

RICH DESKTOPS

Choose your favorite environment between KDE Plasma 5.18 Long Term Support and GNOME 3.34.

CONTAINER TECHNOLOGIES

Use containers for scientific and high-performance-computing.

BUILT TO SCALE

Host instances like Nextcloud or the Kopano groupware with Leap.

ENTERPRISE MIGRATION READY

Migrate from Leap to SLE for enterprise certification and extended Support.

MAINTENANCE

Save bandwidth as all maintance updates are shipped in delta RPMS.

REALTIME KERNEL

Optionally available for edge computing, embedded devices and data capturing.

INSTALL OPENSUSE

You can download openSUSE 15.2 as an ISO file and create a bootable media.

Use the burning application of your choice to burn the ISO file to a blank DVD.

Use SUSE Studio Image Writer or a similar tool to create a bootable USB drive.

A detailed, easy to follow instruction on how to prepare the media from any operating system can be found in the download area of the openSUSE website.

The 5.3.18 Linux Kernel is shipped with Leap 15.2. It introduces support for AMD Navi GPUs, and new IPv4 addresses. RISC-V code improvements are made with this updated kernel and it's compatible with Intel Speed Select used in Intel Xeon servers.

SOFTWARE.OPENSUSE.ORG/DISTRIBUTIONS/LEAP

connect

www.opensuse.org • press@opensuse.org

forums.opensuse.org

- en.openSUSE
- /r/openSUSE
- @openSUSE
- # opensuse on Freenode
- fosstodon.org/@opensuse
- [m] +opensuse:matrix.org
- opensuse on discord

The makers' choice for sysadmins, developers and desktop users.

openSUSE

Leap 15.2

YOUR FAVORITE DESKTOP

PLASMA 5.18 LTS

Leap 15.2 includes the new Plasma 5.18 LTS version. You will find neat new features that make notifications clearer, settings more streamlined and the overall look more attractive. Plasma 5.18 is easier and more fun to use, while at the same time allowing you to be more productive when it is time to work.

If you are thinking of updating or migrating your school, company or organization to Plasma, this version is your best bet, as you get the most stable version of Plasma and all the new features too.

Plasma 5.18 is more user-friendly as it covers more features that let you work, play and express yourself better.

GNOME 3.34

The new GNOME introduces custom folders in the application overview. Simply drag an application icon on top of another to create a folder. Folders are automatically removed when all icons have been dragged out of them. Icons in the application overview can be grouped together into folders. Drag an icon on top of another to create a group. Removing all icons from a group will automatically remove the group too. This makes organizing applications much easier and keeps the application overview clutter-free.

The overall visual style was refined as well, including the search entry field, the login password field and the overview window highlight border. All these changes give the GNOME desktop an improved overall experience.

XFCE 4.14

Xfce is a lightweight desktop environment for UNIX-like operating systems. It aims to be fast and low on system resources, while still being visually appealing and user friendly.

The desktop now comes with a new openSUSE branded GTK theme by default. New users will enjoy the polished default experience by new packages that complete the desktop.

CONTAINER TECHNOLOGIES

Leap 15.2 users will have more power to develop, ship and deploy containerized applications using the newer container technologies that are being maintained in the distribution.

Kubernetes gives a huge boost to container orchestration capabilities, allowing users to automate deployments, scale, and manage containerized applications. Helm, the package manager for Kubernetes, helps developers and system administrators manage complexity by defining, installing, and upgrading the most complex of Kubernetes applications.

Container Runtime Interface (CRI) using Open Container Initiative (OCI) conformant runtimes (CRI-O) is also new to this release. CRI-O is a lightweight alternative to using Docker as the runtime, which allows Kubernetes to use any OCI-compliant runtime as the container runtime for running pods or processes running on a cluster.

Even with Docker, the use of microservices will be secure thanks to more container packages arriving in this release.

MANAGING SYSTEMS

System Administrators and small businesses can use Leap for hosting web and mail servers. Sysadmins can take full advantage of the network management protocol Dynamic Host Configuration Protocol (DHCP), allocate resources using Domain Name System (DNS) or offer client computers access to files over a Network FileSystem (NFS). File and host sharing packages like NextCloud are also available and the groupware application suite Kopano is part of the official Leap 15.2 release.

Existing Leap users should find updating to Leap 15.2 seamless coming from Leap 15.1. Upgrading from previous versions of Leap are also supported. It is also worth remembering that openSUSE Leap uses Delta RPMs for all maintenance updates, ensuring that the long term bandwidth requirements for maintaining your Leap system are as small as possible.

CHANGELOG

8th draft/Jun 08

- changed "System Requirements" to some Kernel info

- added discord icon to "Connect"

7th draft/Jun 05

- color-graded pictures

- changed cover picture to a "real" chameleon.

- adopted correcttions from Robin Shepheard

- framed inside images

- illustrations redone

- added "System Requirements" in install-section

- slight rework of text

6th draft/May 29

- added 4th column to flyer

- added double-page "your favorite desktop" in center of the inside flyer

- added "install opensuse" on last page

- moved "Opensuse - Perfect for everyone" to second to last page

5th draft/May 23

- replaced text with release anouncement

- added Xfce

- added "ramping" text at beginning of paragraphs

- added YaST to the light bulb

- brightened title image

4th draft/Apr 14

- new version with non-condensed font (see other file)

- added 2nd version with photo of gecko

- changed inside-page and added photo in the middle column

- added photos: notebook, light-bulb, server

- difference between flyer 1 and 2: in flyer 1 all images have light hexagons

3nd draft/Apr 12

- recreated pictures: containers, screen

- forums.opensuse.org added

- replaced handdrawn arrows in light-bulb with more technical ones

2nd draft/Apr 04

- format changed to DIN-lang

- Subtitle-Fonts are now Source Sans Pro Light (like given in guidelines)

- Title (C1): Subtitle added

- Content (I1-I4): text added from wiki

- Pictures added. ***NOTICE: We don't have any rights for the pictures on I1 (Containers) & I4 (Notebook)***

- Contact-info looked up as master-slides seem to have dummy-addresses

- light bulb changed to hand-drawn "arrows"

- Hexagons added to I4

- /r/openSUSE for Reddit

- maintainance -> maintenance

- build to scale -> built to scale

1st draft/Mar 30

- right now, the flyer is a 6-pager, folded twice to A6-size final. The front page (C1) is on page 1 on the far right. The back-side (C2) is on page 1 in the middle. Page 2 contains the first three pages (I1-3) and the last page (I4) is on page one on the left

- still black folding-marks in the draft for orientation

- The draft does not have any cuts

- "Source Sans Pro Light" produces many artifacts -> "Source Sans Pro Extra Light"

- The light bulb in the middle is from the guidelines with added hard-facts from the wiki about the upcoming release. Do we take this?

- When we decide about the subjects and texts, we should also think about graphical elements to lighten everything up

- If we go with this dark background, we should keep in mind, that we might have to choose thicker paper (170g upwards) and mate-finish to get it printed (nothing to wory about, only technical)