



What's new and what's next for the Fedora Atomic Desktops

Silverblue, Kinoite, Sway Atomic, Budgie Atomic, COSMIC Atomic

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Fedora 44 Release Party 🎉



What's new?



New \$HOME on the new Fedora Forge

We moved the issue tracker and docs repos:

- forge.fedoraproject.org/atomic-desktops
- forge.fedoraproject.org/atomic-desktops/tracker/issues
- forge.fedoraproject.org/atomic-desktops/docs

Unified documentation published at:

- <https://docs.fedoraproject.org/en-US/atomic-desktops/>
- Translations required only once!



Removal of FUSE version 2

Impact on **Applimages**:

- Some Applimages will no longer work
- Difficult to find which ones beforehand
- **Try Flatpaks again** and **report issues upstream**

Impact on **Plasma Vaults** on Kinoite:

- Migrate to the **gocryptfs backend** before Fedora 44
- Or layer the packages and migrate



Dropping pkla polkit rules support

- We were not using those in our images
- But if you were using them, you need to update them as they will now be ignored, and this could be a security risk



All the latest desktops releases

- **GNOME 50** in Silverblue
- **Plasma 6.6** in Kinoite
- Sway Atomic stays on 1.11
- **Budgie 10.10.2** (Wayland!) in Budgie Atomic
- **COSMIC 1.0.8** (stable!) in COSMIC Atomic



Highlights for Kinoite



Plasma Login Manager:

- New login manager based on SDDM but improved
- Better experience and integration with systemd

Plasma Setup for OEM installations

- Let's you install the OS first
- Let the user configure it later

Universal Blue, Bluefin, Bazzite, Aurora



- Moving to Fedora 43 and 44
 - following Fedora CoreOS' stream model
- Look for announcements [on their Discourse](#) and blog
- See also secureblue: secureblue.dev





What's next?



Planned / good to have for F45

Planned:

- New installer ISOs built by Image Builder
 - Landed in Rawhide already
 - Ready for testing

Needs help, good way to get started contributing:

- Moving away from nss-altfiles
 - atomic-desktops/tracker/issues/108
- Fixing root mount options
 - atomic-desktops/tracker/issues/72

When will I get bootable containers?

- Still some items on the roadmap:
 - Building the images in **Konflux**
 - (Live!) ISO support in image-builder
 - atomic-desktops/tracker/issues/26
- Help us make it happen!



Sealed images ready for testing!

What are **sealed bootable container images**?

- All the components to get a **fully verified boot chain**
- Relies on **Secure Boot** (EFI on x86_64 & aarch64 only)
- Components:
 - **(shim) + systemd-boot**
 - **Unified Kernel Image** (UKI)
 - **composefs** managed by **bootc** for the system image

Sealed images ready for testing!

- Test images are available at:
<https://github.com/travier/fedora-atomic-desktops-sealed>
- Will be announced alongside the Fedora 44 release





Call for contributions!



More details and links

- Look for the posts on the Fedora Magazine next week



Where to reach us?

- **Atomic Desktops SIG** ([Wiki](#))
 - **Forge:** <https://forge.fedoraproject.org/atomic-desktops>
 - **Matrix:** [#atomic-desktops:fedoraproject.org](#)
- **Desktop specific rooms:**
 - [#silverblue:fedoraproject.org](#)
 - [#kinoite:fedoraproject.org](#)
 - [#sway:fedoraproject.org](#)
 - [#budgie:fedoraproject.org](#)
 - [#cosmic:fedoraproject.org](#)

