Ansible emphasizes inclusive language in new release

During this development cycle, the Ansible project has made significant progress in its goals to make the community and code more welcoming and inclusive. With the release of Ansible Core 2.11, harmful terminology in the Ansible codebase is deprecated and it comes with new replacement terms. These changes will follow our standard deprecation cycle to give users time to adapt.

Cost efficient disaster recovery in hybrid cloud environments

As more and more organizations move from on-premise datacenters to private, public, and hybrid clouds, it is important to understand that high availability is not the same as disaster recovery (DR).

DR planning is needed to recover systems when natural or human-induced disasters hit the primary datacenter/region. Recent public cloud outages suggest that we must have a DR plan in place, even with the high availability provided by the public cloud providers. DR planning should be part of the initial application design discussions, allowing the deployment architecture to accommodate for unforeseen events.

This is the future...

This new Linux is the future... Rocky Linux
The Cockpit integration tests can now contain ?pixel tests?. Such a test will take a screenshot with the browser and compare it with a reference. The idea is that we can catch visual regressions much easier this way than if we would hunt for them in a purely manual fashion.

Preparing a repository for pixel tests

A pixel test will take a screenshot of part of the Cockpit UI and compare it with a reference. Thus, these reference images are important and play the biggest role.

A large part of dealing with pixel tests will consequently consist of maintaining the reference images. At the same time, we don?t want to clog up our main source repository with them. While the number and size of the reference images at any one point in time should not pose a problem, we will over time accumulate a history of them that we are afraid would dominate the source repository.

Thus, the reference images are not stored in the source repository. Instead, we store them in an external repository that is linked into the source repository as a submodule. That external repository doesn?t keep any history and can be aggressively pruned.

Developers are mostly isolated from this via the new test/common/pixel-tests tool. But if you are familiar with git submodules, there should be no suprises for you here.

The kernel team is working on final integration for kernel 5.12. This version was recently released and will arrive soon in Fedora. As a result, the Fedora kernel and QA teams have organized a test week from Sunday, May 09, 2021 through Sunday, May 16, 2021. Refer to the wiki page for links to the test images you?ll need to participate. Read below for details.