Intel Posts New Iteration Of Key Locker Support For Linux - Phoronix

With Intel Tiger Lake mobile processors introduced last year there has been good open-source support going back to launch, but a few of the more niche features have seen slower than normal handling for getting the features supported by the upstream Linux kernel. The latest patch series being revived now is for Intel Key Locker support.

Just a few days ago I talked about Intel pursuing a new Indirect Branch Tracking (IBT) patch series as part of their Control-Flow Enforcement Technology (CET) introduced on Tiger Lake. After months of silence, another Tiger Lake feature is seeing revised kernel patches emerge this week and that is for Key Locker.

EasyOS: Kernel 5.10.81 compiled with improved AMD CPU support

I don't have a PC with AMD CPU, so haven't bothered much with configuring the kernel to work with them. However, some guys testing EasyOS are keen on them, so today have given it a closer look.
As already explained in this same blog quite some time ago the YaST Partitioner can be used to set up several kinds of encryption, but Regular LUKS2? was not one of those. That was intentional because using LUKS2 comes with many challenges, as summarized in this Bugzilla comment. But now the time has come to start introducing experimental support for general LUKS2 encryption. Initially it will be available in openSUSE Tumbleweed and pre-releases of SLE-15-SP4 but only if the environment variable YAST_LUKS2_AVAILABLE is set. Check the description of this pull request for screenshots and more information.

Support for LUKS2 in AutoYaST will have to wait a bit, until we have received some feedback from interactive installations and ironed out all the details. But AutoYaST users can meanwhile test and enjoy another new feature available also in Tumbleweed and 15.4 pre-releases - support for identifying EFI systems in dynamic profiles, which includes both rules and ERB templates. Learn more and see some examples in the description of the corresponding pull request.

The last feature for Tumbleweed and the upcoming 15.4 that we want to highlight in this report is the brand new support for NTLM authentication in linuxrc.

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