



# Why should companies be interested in the next version openSUSE Leap



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Used to be a backup Release Manager for SLE 12 SP5  
Releng for RHEL 6.5+,7.3+, Solaris admin and  
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# Agenda

- Brief introduction to Closing the Leap Gap
- New opportunities for Leap as I see it
- Discussion

# CtLG – Closing the Leap Gap

CtLG is a SUSE driven effort to bring Leap closer to SUSE Linux Enterprise than ever before. This brings quite some challenges but also open some new opportunities that I'd like to talk about.

## I'd like to split the effort into the following parts:

- Unification of openSUSE Leap and SUSE Linux Enterprise 15 code streams and feature set.
- Concept of building a community distribution by combining rpms from openSUSE Backports (community part) and SUSE LLC signed SLE rpms (Enterprise part). **The community gains access to the s390x, realtime ...**
- Tools and processes to allow community members to open features and **create submit request directly against SUSE Linux Enterprise and make contributions to the ~ 4k of SLE packages more transparent.**
  - See my dedicated video from Labs <https://www.youtube.com/watch?v=k3cfGoDc24s>

# Identical development platform to SLE

Previous releases of Leap were close, however, more than 100 of “core packages” had various feature sets in SUSE Linux Enterprise 15 and openSUSE Leap.

These differences will be eliminated in openSUSE Leap 15.3 with just a handful of **exceptions that can be easily categorized and well documented**.

- KDE as an option in installer, branding, fpc compiler support in gdb-testresults ...

(Default) kernel flavors to be yet decided, but kernel-default (SLE) will be available.

This really makes it an ideal test and development platform for SUSE Linux Enterprise for companies on budget or individuals.

# Making app available to both SLE and Leap has never been easier

Closing the Leap Gap and Jump simplifies the way to make the application available for both openSUSE Leap and SUSE Linux Enterprise via Package Hub (PH).

Package is submitted and built once and same binaries are shipped to both Package Hub and openSUSE Leap.

I expect that we can be bit more effective in the entire build and publishing process now when we combine resources of openSUSE Leap and Backports.

*This might still not be so straightforward in cases where files from a package appear to conflict with an existing package in SLE or an SLE based product. We still have to polish the rpmlint part.*

# Effortless migration from Leap to SLE

- Vendor changes for rpms from openSUSE / SUSE LLC explicitly whitelisted. No more confirmation of vendor changes. This is in fact needed to get the entire concept working.
- The idea of migration in CtLG is to exchange just the branding packages as vast majority of “core” rpms will be identical for both Leap and SLE.
- This might a big boost for companies that utilize migration from Leap to SLE as part of their workflows (smoke testing etc) and are currently struggling with it.
- Companies that can't afford SLE today but would consider migration in the future will now have it easier than ever.

# Being too small to become SUSE partner?

Some companies might just not yet be there to become SUSE Partner.

openSUSE Leap and tools and processes introduced to the community as part of CtLG can help you make sure that your application runs well on top of the binary SLE core be it openSUSE Leap or SUSE Linux Enterprise.

**This could be a very strong combination with services from <https://developer.suse.com>**

## **What tools and processes are we talking about:**

- We're currently having a pilot of Community JIRA feature requests, with a similar workflow to SUSE Partner projects.
- Submit request directly to SUSE Linux Enterprise via moderated submit request redirection from OBS to Internal SUSE Build Service. (suse-sle-reviewers + osc plugin for mirroring)

<https://en.opensuse.org/Portal:Jump/Policy/CommunitySLEChangeRequests>



# s390x availability and the ARMv7

I was surprised by the initial feedback and use cases that some companies may have for Leap. Availability of s390x SLE rpms seemed to please them as they can now use the same approach on all SLE arches.

So, yes Leap Next will have s390x support.

On the other hand, we now have a challenge with ARMv7 which is not part of the SLE.

How does your company use Leap and does CtLG  
help you?  
(open floor)

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Thank You



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