ARM openSUSE usecases

Results

Survey 125963

Number of records in this query:	171
Total records in survey:	171
Percentage of total:	100.00%

Summary for G01Q01

Which ARMv6/ARMv7/ARMv8 (aarch64) hardware are you using?

Answer	Count	Percentage
ARMv6 (Raspberry Pi 1) (SQ01)	18	10.53%
ARMv7 based SBC (Raspberry Pi 2, OlinuXino, Arndale, BananaPi, BeagleBoard, BeagleBone, Cubie Board) (SQ02)	50	29.24%
ARMv7 based portable device (e.g. Samsung Chromebook, Toshiba AC100, other) (SQ03)	8	4.68%
AArch64 based SBC (Raspberry Pi 3/4, PinePhone, Pine64) (SQ04)	96	56.14%
AArch64 based general purpose (e.g. Mustang, ThunderX/X2, Any UEFI AArch64 platform, aarch64-laptops, other) (SQ05)	30	17.54%
Not completed or Not displayed	59	34.50%

Summary for G01Q02

What distributions do you use on your ARMv6/v7/aarch64 Hardware?

Answer	Count	Percentage
openSUSE Leap 15.1 (SQ01)	17	9.94%
openSUSE Leap 15.2 (SQ02)	61	35.67%
openSUSE Tumbleweed (SQ03)	59	34.50%
Custom Image (SQ04)	27	15.79%
Not completed or Not displayed	59	34.50%

Summary for G01Q03

How long are you using openSUSE on ARMv6/v7/v8 already?

Answer	Count	Percentage
less than a year (SQ01)	45	26.32%
1-2 years (SQ02)	23	13.45%
2-4 years (SQ03)	20	11.70%
4+ years (SQ04)	24	14.04%
Not completed or Not displayed	59	34.50%

Summary for G01Q04

In case you selected Leap, what is the reason for that?

Answer	Count	Percentage
I want to run the same distribution as on other architectures (e.g. x86_64) (SQ01)	42	24.56%
I prefer the stability and fewer updates (SQ02)	53	30.99%
I would prefer Tumbleweed but I can't use it due to regressions (SQ03)	8	4.68%
I prefer Leap over other non-openSUSE alternatives (Debian, Fedora, ...) (SQ04)	36	21.05%
Other	8	4.68%
Not completed or Not displayed	59	34.50%

ID	Response
49	64bit Support for RaspberryPi 3/4 !!!
157	Installing updates with partition on SD card takes way too long, so fewer updates are better.
199	comparison testing for SLES
277	I try as many variants as I can
301	server with low bandwidth
304	Frequency of Tumbleweed updates would wear out limited flash too quickly
319	bridge network device to excend wifi to guest house
448	Never took the time to move the Rpi3 to TW yet.

Summary for G01Q05

Would you be okay with migrating your existing Leap installation to openSUSE Tumbleweed?

Answer	Count	Percentage
I am preferring to keep ARMv6 on Tumbleweed (SQ01)	13	7.60%
I am preferring to keep ARMv7 on Tumbleweed (SQ02)	24	14.04%
I am preferring to keep ARMv7 on Leap (SQ03)	39	22.81%
As long as one is available that's good enough for me (SQ04)	41	23.98%
Not completed or Not displayed	59	34.50%

Summary for G01Q06

Please share us with any information you might want to add in addition.

Answer	Count	Percentage
Answer	25	14.62%
No answer	146	85.38%
Not completed or Not displayed	0	0.00%

ID	Response
16	32bit is no longer viable in my opinion.
49	IMHO openSUSE is one of the first distributions where i could find 64bit images for my Raspi 4! Feeling sad that there is no more marketing around this. If needed, I can contribute one of my RPi4 devices (8GB RAM) to OBS, if that helps to get more build power and ARM7/aarch64 support.
67	Although there are plenty of cheap Aarch64 based SBCs, there are several more specialized SoCs which are only ARMv7: - BeagleBone (PRUSS hardware) - Cylone 5 SoC - Zynq 7000 Newer boards with e.g. ARMv8 are much more expensive, and thus not available to hobbyists.
82	Mainly using a Raspberry Pi 4 with openSUSE Leap. My Raspberry Pi 2B is running Raspbian atm.
133	Sound driver for the Raspi 4 did not make it into the upstream kernel so far. I hope it backported in Leap 15.2 or Tumbleweed. I use Raspi 4 as a desktop. It's a little bit annoying that I can't hear audio from it.
148	I would not miss 32bit ARM, but please keep Leap for 64bit ARM, it's rocks. Thanks for your work :-)
151	time for 64bit in T/W too.
157	I have RPi models 1, 3 and 4, but currently none of them is running openSUSE. I usually use on them more fine-tuned distros like raspbian or OSMC. I can help testing stuff on them, because the aren't doing any critical stuff and I can always swap an SD card. I'd also love to try openSUSE on RPi 4. Last time I tried there were some serious issues with lacking drivers (wiki says USB host is still not working). I have the "official" 7'' touch screen attached to it, which I would want to try with Plasma desktop. I also had some bad experience with running transactional server on PI, because there is a ton of post-install scripts managing /boot/vc, which were not run.
169	I'm already using TW on RPi2 and Leap on RPi3, so for me nothing would change.
181	Tumbleweed just requires too many updates which damages the SD Card on Raspberry over time.
199	Raspberry Pi 0 and 0W are also Armv6.
211	I've been playing with Kubic for Kubernetes on a Pi4 for the most part.
238	I'm frequently using several raspberry Pi's as thin clients, and in general the biggest stopper is I still need to use non-FOSS software that only comes pre-built for armhf (i.e. Citrix workspace, but several others too - still haven't released aarch64 builds). And there's no such thing as "multilib" when it comes to arm, so... I'm stuck for now.
241	I could drop RPi1 and RPI2 support in case a proper working RPi.GPIO packet is available for RPi3 and/or RPi4.
265	Phooooooneeeees, old phones are on armv7
271	I remember the times when armv7 was dropped from Leap 42.1 while discontinuing "ordinary" openSUSE X.Y distro. Since I already had got two running BeagleBones on openSUSE in 'prod' at that time, this forced me to spend lots of time for wonderful adventures of bootstrapping Leap 42.2 for armv7. And even in that ancient times, every second package, which I have to update/fix/modify, was "come from SLE", that required opening ticket at Bugzilla, SUSE engineer involving, and constantly noisily complaining. So from what I

	remember, I don't see considerable changes here in the face of coming "great unification".
289	SuSE on Pi3 and Pi4 runs good, only startup is a little slow due to uboot. I prefer to have Leap on all my linux devices, makes managing them easier.
292	The major issue I most often encounter is the fact that my ARMv7 devices do not run stable enough over an extended period of time. Sooner or later they hang in an unknown state and need a power cycle. Frequent rebooting can work around the problem - sometimes. Important to note is the fact that they have the very same configuration as my other x86 based systems, which run very stable.
301	not arm specific reasons against non obs build and signed binaries: - trust issues with suse internal build server - legal issues with commercial vendor instead of community - use of non open source tools that might get hosted externally (jira)
310	A proper way to manage hardware configurations in device-tree (e.g. /dev/spidevXX config) in a regression free way would allow to use tumbleweed. Also having headless approach to boot the previously running system (after possible broken upgrade), e.g. by pressing a (configurable) button, would enable users to switch to tumbleweed for the 32 bit architectures.
316	My use case currently involves a degree of experimentation in order to prove out the device usage, destined for single use (eg, smart speaker, unattended kiosk-type application, and environmental sensor purposes). When deployed beyond experimentation I am concerned as to the overhead associated with the rapid release cycles and occasional fixes required when associated with a Tumbleweed maintenance - okay with BTRFS snapshots arguably, but painful on devices with limited resources to devote to that!
352	Using Tumbleweed aarch64 on a RPi3 and a PineBook Pro
421	I'd like to use openSUSE with WSL2 on the Surface Pro X which is AARCH64 but apparently openSUSE is only shipping intel based images to microsoft store.
454	I prefer Leap, but I'll do TW if it would be gone. Other then that, Suse is a big and important distro and a lot of people in the Linux community often forget about Suse. Keeping Suse in the picture if possible is necessary.
472	No problem with the discontinuation of leap on lower-end arm. If you continue on tumbleweed, that should solve many needs. Keep up the good work!