Linux: ZFS On Linux, MIPS and BlackRidge

By *Roy Schestowitz*
Created *05/03/2019 - 2:39pm*
Submitted by Roy Schestowitz on Tuesday 5th of March 2019 02:39:18 PM Filed under Linux [1]

- **ZFS On Linux 0.7.13 Released With Fixes For Linux 5.0 Kernel Compatibility** [2]

    While we are very much looking forward to the huge ZFS On Linux 0.8 release, as a new stable release for offering up compatibility with the newly minted Linux 5.0 is now the ZoL 0.7.13 milestone.

    ZFS On Linux (ZoL) 0.7.13 was released today where the principal changes come down to Linux 5.0 kernel compatibility. ZFS On Linux support required some fresh workarounds for compatibility with this new kernel version with upstream kernel developers still being resistant to this out-of-tree file-system due to Oracle/Sun's licensing.

- **Additional MIPS Release 6 Changes Heading Into Linux 5.1** [3]

    The upstream Linux kernel support for the MIPS architecture continues to be improved upon, which is great news especially with this processor ISA going open-source. With the Linux 5.1 kernel are more MIPS improvements.

    While the MIPS32/MIPS64 Release 6 architecture has been out there since 2014 with many design improvements, with Linux 5.1 we are seeing more bits supported. The latest MIPS Release 6 being implemented for the mainline Linux kernel are support for the MemoryMapID register and Global Invalidate TLB instructions, enabling huge-page support for MIPS64r6, and other changes.

- **BlackRidge Technology Joins The Linux Foundation's Automotive Grade Linux Project** [4]

BlackRidge Technology International Inc. (OTCQB: BRTI), a leading provider of next-generation cyber defense solutions, has joined Automotive Grade Linux (AGL), a collaborative open-source project at The Linux Foundation. The project brings together automakers, suppliers and technology companies to accelerate the development and adoption of a fully open software stack for the connected car.

[Linux](#)

Source URL: <http://www.tuxmachines.org/node/121349>

Links:
[1] http://www.tuxmachines.org/taxonomy/term/63
[2] https://www.phoronix.com/scan.php?page=news_item&px=ZFS-On-Linux-0.7.13-Released
[3] https://www.phoronix.com/scan.php?page=news_item&px=MIPS-Linux-5.1-Changes
[4] https://www.prnewswire.com/news-releases/blackridge-technology-joins-the-linux-foundations-automotive-grade-linux-project-300805387.html