Oracle Continues Building DTrace For Linux Atop BPF

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More than a decade ago Linux users tended to be envious of Sun Microsystems' Solaris for ZFS and DTrace as the two most interesting technical selling points of the platform. In that time OpenZFS is now extremely vibrant for offering ZFS on BSD and Linux systems while DTrace is barely brought up these days. This tracing framework originally developed for Solaris was fantastic back in the day but over the years Linux has stepped up its game with various efforts. Now as we hit the end of 2020, Oracle engineers continue working on bringing better DTrace support to Linux.

In recent years Oracle has been working on DTrace for Linux with a focus on DTrace for Oracle Linux / its "Unbreakable Enterprise Kernel". Their kernel-side work has never been upstreamed and while they do have a GitHub repository its usage doesn't seem to be very prevalent outside of the Oracle ecosystem.