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Being Kernel Maintainer at Oracle - Lessons & Challenges.

Linux kernel maintenance is widely spoken topic at many conferences. Yet, it has it's own complex share of problems which are unique to maintainers, sub-systems and Organizations.

Oracle has a very Open and challenging environment but with access to a lot of information and knowledge about our customer's products and strategies, it can very tricky for a kernel maintainer especially the challenges it brings and also the need to keep a keen eye on internal and public discussions.

In this talk, I would like to share my experiences of being a Kernel Maintainer at Oracle. The topics that would be covered are:

- How we maintain the kernel(UEK)?
- How does the Kernel stay up-to-date (stable fixes)?
- How we handle KABI breakages and updates.
- How do we handle back-ports and Security fixes(CVE's).

In addition to the above, we would also like to talk about our Upstream tracking project which essentially helps developers to keep their work up-to-date with mainline.

I agree to abide by the anti-harassment policy

Yes

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