A Realtime Tour Through BPF

Monday, 24 August 2020 07:05 (25 minutes)

Injecting large quantities of preempt-disabled code pretty much anywhere in a realtime Linux kernel at runtime. What is not to like?

This discussion will open with a review of recent changes to BPF, including the new ability for at least some BPF programs to be preemptible. It will continue with an overview of BPF use cases, which is hoped to set the stage for a discussion on how realtime and BPF can better live together.

I agree to abide by the anti-harassment policy

I agree

Primary author: MCKENNEY, Paul (Facebook)
Presenter: MCKENNEY, Paul (Facebook)
Session Classification: Real-time MC
Track Classification: Real-time MC