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Modernizing Android BPF and the Android Security Model

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Android's support for BPF is currently very limited and does not include many modern upstream features, namely CO-RE and iterators. The Android ecosystem's security requirements and device lifecycles make integrating libbpf workflows and enabling partner access to BPF difficult.

The goal of this discussion is to detail and explain the challenges for Android and explore options to enable modern BPF features securely in Android while aligning future development with upstream.

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