2022-01-13 - L3AF: eBPF for Windows and Cross Platform eBPF programs

Topic Leader(s)

- @Poorna Gaddehosur
- Daniel Havey

Topic Description

Thurs 01/13, 12noon to 12:30 ET

30m, @Poorna Gaddehosur,Daniel Havey

Topic Overview

In this presentation we will introduce the Windows for eBPF project. We will discuss in detail the architecture and current state of the project. We will discuss what is under current development in the Windows for eBPF GitHub project and our focus on inclusive, open source and cross-platform development. This presentation is an open invitation for participation to any and all developers who wish to contribute. Details will be given during the presentation. And as time permits we will show a couple of eBPF for Windows demos.

Slides & Recording

YouTube

Please indicate your session type in the blank space below and then remove this Info field.

- Demo / Informational (non-interactive)
  - You may be asked to pre-record this session which will be made available on-demand.
- Live Interactive Session

Presentation w/slides and demo at the end.

LFN Staff may elect to publish some videos to YouTube. Please indicate here if you do not want your session to be published to YouTube.

Live Interactive Session

Link to slides: https://github.com/microsoft/ebpf-for-windows-public-talks/blob/main/LinuxFoundationTalk-eBPF-for-Windows.pdf

Link to demo video: eBPF-for-windows demo with bind() hook · Discussion #706 · microsoft/ebpf-for-windows (github.com)

Link to code: ebpf-for-windows/tools at master · microsoft/ebpf-for-windows (github.com) (under port_leak and port_quota)

Recording of talk: L3AF: eBPF for Windows and Cross Platform eBPF programs

Agenda

- Inclusive, open source and cross-platform development philopsophy.
- Architecture
- Current state of the project
- What is under development.
- Demos and questions

Minutes

Daniel Havey

Action Items

- [ ]