

Linux Plumbers Conference 2025

Thursday 11 December 2025

eBPF Track - "Main Hall A" (10:00 - 18:30)

time	[id] title	presenter
10:00	[134] BPF Verifier Visualizer	SOLODRAI, Ihor ROME, Jordan
10:30	[371] Making Sense of State Pruning	TARDY, Mahé CHAIGNON, Paul
11:00	[381] Loops handling by BPF verifier and what should we do about it?	ZINGERMAN, Eduard
11:30	Coffee Break	
12:00	[135] ePass: A Framework for Enhancing Flexibility and Runtime Safety of eBPF Programs	XIANG, Yiming
12:30	[366] Fuzzing the Verifier with a Test Oracle	CHAIGNON, Paul
13:00	[367] Introduction to eBPF Load-Acquire and Store-Release Instructions	YE, Peilin
13:30	Lunch Break	
15:00	[318] Discussion: What's next for BPF Signing	SINGH, KP
15:30	[389] BpfJailer: eBPF based Mandatory Access Control	WISEHART, Liam
16:00	[269] Tracking Files across the operating system using eBPF	EL KHOURY, Carl
16:30	Coffee Break	
17:00	[184] Kernel-Resident Regex and Jails: DFA-powered eBPF filtering and certificate-safe agent isolation at fleet scale	NGAI, Justin
17:30	[402] Challenges with implementing in-kernel FQDN policies using eBPF	MALLA, Hemanth
18:00	[380] Implement simple local DNS server with BPF	SHUKHAU, Raman

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10:00	[237] Advanced BPF profiling techniques: how to escape the curse of NMI and fetch ELF contents at runtime	NAKRYIKO, Andrii
10:30	[281] bpf tracing multi-link supporting	DONG, Menglong
11:00	[341] uprobe optimization and override	OLSA, Jiri
11:30	Coffee Break	
12:00	[316] Supply true signatures to vmlinux BTF	SONG, Yonghong
12:30	[344] cache_ext: Customizing the Page Cache with eBPF	ZUSSMAN, Tal
13:00	[182] Lessons from scaling BPF to detect RDMA Device Drivers Bugs in real time	GUPTA, Prankur
13:30	Lunch Break	
15:00	[453] AI flame graphs with eBPF	GREGG, Brendan OLSON, Ben
15:30	[194] Fingerprinting GPU workloads with eBPF	GOGELA, Jiri
16:00	[317] Extending eBPF to GPU Device and Driver Contexts	ZHENG, Yusheng YU, Tong
16:30	Coffee Break	
17:00	[397] Python-BPF: Writing eBPF programs in pure Python	CHATURVEDI, Pragyansh Mr MALLYA, Varun
17:30	[65] "Is Upstream Really Enough?" — Practical Realities of Using eBPF in Long-Term Supported Systems	TADA, Kenta
18:00	[107] From Projects to Ecosystems: Lessons from the eBPF Foundation	MULLIGAN, Bill