



# Linux Plumbers Conference 2022

## Monday, September 12, 2022

### eBPF & Networking - "Pembroke" (10:00 AM - 6:30 PM)

time	[id] title	presenter
10:00 AM	[M3] The journey of BPF from restricted C language towards extended and safe C.	STAROVOITOV, Alexei
10:30 AM	[M2] HID-BPF	TISSOIRES, Benjamin
11:00 AM	[M4] eBPF Kernel Scheduling with Ghost	RHODEN, Barret
11:30 AM	Break	
12:00 PM	[M3] Tuning Linux TCP for data-center networks	CHENG, Yuchung
12:30 PM	[M0] Can the Linux networking stack be used with very high speed applications?	AHERN, David
1:00 PM	[M01] Overview of the BPF networking hooks and user experience in Meta	LAU, Martin
1:30 PM	Lunch	
3:00 PM	[M88] BPF Signing and IMA integration	SINGH, KP
3:30 PM	[M90] Revisiting eBPF Seccomp Filters	JIA, Jinghao Prof. XU, Tianyin
4:00 PM	[M38] State of kprobes/trampolines batch attachment	OLSA, Jiri
4:30 PM	Break	
5:00 PM	[M37] Developing eBPF profiler for polyglot cloud-native applications	THAKKAR, Vaishali HONDUVILLA COTO, Javier
5:30 PM	[M0] Performance insights into eBPF step by step	DOLGOV, Dmitrii

# Tuesday, September 13, 2022

## eBPF & Networking - "Pembroke" (10:00 AM - 6:30 PM)

time	[id] title	presenter
10:00	<del>P106</del> Machine readable description for netlink protocols (YAML?)	KICINSKI, Jakub
10:30	<del>P106</del> Cilium's BPF kernel datapath revamped	BORKMANN, Daniel
11:00	<del>P104</del> A BPF map for online packet classification	PROTOPOPOV, Anton
11:30 AM	Break	
12:00	<del>P103</del> How to share IPv4 addresses by partitioning the port space	SITNICKI, Jakub MAJKOWSKI, Marek
12:30	<del>P102</del> Networking resource control with per-cgroup LSM	FOMICHEV, Stanislav
1:00 PM	<del>P105</del> eBPF Standardization	THALER, Dave
1:30 PM	Lunch	
3:00 PM	<del>P188</del> Bringing packet queueing to XDP	HØILAND-JØRGENSEN, Toke
3:30 PM	<del>P139</del> XDP gaining access to NIC hardware hints via BTF	BROUER, Jesper Dangaard
4:00 PM	<del>P104</del> FW centric devices, NIC customization	MAHAMEED, Saeed BLOCH, Mark
4:30 PM	Break	
5:00 PM	<del>P147</del> Socket termination for policy enforcement and load-balancing	GHAG, Aditi
5:30 PM	<del>P100</del> MPTCP: Extending kernel functionality with eBPF and Netlink	BAERTS, Matthieu
6:00 PM	<del>P108</del> Percpu hashtable traversal measurement study	VAZQUEZ, Brian

# Wednesday, September 14, 2022

## eBPF & Networking - "Meeting 9" (10:00 AM - 6:30 PM)

time	[id] title	presenter
10:00 AM	[107] Reusing the BPF CI	MONNET, Quentin
10:30 AM	[109] Pressure feedback for LRU map types	STRINGER, Joe
11:00 AM	[105] Closing the BPF map permission loophole	BAUER, Lorenz
11:30 AM	Break	
12:00 PM	[145] More CO-RE? Taming the effects of compiler optimizations on BPF tracing	MAGUIRE, Alan
12:30 PM	[203] OPENED Tool for Managing eBPF Heterogeneity	Prof. BENSON, Theophilus Dr KODESWARAN, Palanivel Dr SEN, Sayandeep
1:00 PM	[209] The revival of the learning-sync bridgeport flag	WINTER, Alexandra