

Linux Plumbers Conference 2018

Tuesday 13 November 2018

Networking Track - Junior/Ballroom-C (09:00 - 18:00)

time	[id] title	presenter
09:00	[140] Welcome	
09:20	[141] XDP - Challenges and Future Work	DANGAARD BROUER, Jesper HØILAND-JØRGENSEN, Toke
09:55	[142] Leveraging Kernel Tables with XDP	AHERN, David
10:30	Break	
11:00	[143] Building Socket-aware BPF Programs	STRINGER, Joe
11:35	[144] Experiences Evaluating DC-TCP	BRAKMO, Lawrence BURKOV, Boris LECLERCQ, Greg MUGAN, Murat
12:10	[145] Scaling Linux Bridge Forwarding Database	PRABHU, Roopa ALEKSANDROV, Nikolay
14:00	[146] P4C-XDP: Programming the Linux Kernel Forwarding Plane Using P4	RUFFY, Fabian BUDI, Mihai TU, William
14:35	[147] ERSPAN Support for Linux	TU, William ROSE, Greg
15:10	[148] The Path to DPDK Speeds for AF_XDP	TÖPEL, Björn KARLSSON, Magnus
15:45	Break	
16:05	[149] eBPF / XDP Based Firewall and Packet Filtering	DEEPAK, Anant MEHRA, Puneet HUANG, Richard
16:40	[150] XDP Acceleration Using NIC Metadata, Continued	WASKIEWICZ, P. J. PARIKH, Neerav
17:15	[151] Linux SCTP is Catching Up and Going Above!	LEITNER, Marcelo Ricardo LONG, Xin

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09:00	[152] Daily opening, announcements, etc.	
09:20	[153] Phylink and SFP: Going Beyond 1G Copper PHYs	LUNN, Andrew
09:55	[154] Combining kTLS and BPF for Introspection and Policy Enforcement	BORKMANN, Daniel FASTABEND, John
10:30	Break	
11:00	[155] Optimizing UDP for Content Delivery with GSO, Pacing and Zerocopy	DE BRUIJN, Willem
11:35	[156] Bringing the Power of eBPF to Open vSwitch	TU, William STRINGER, Joe WEI, Yi-Hung SUN, Yifeng
14:00	[157] What's Happened to the World of Networking Hardware Offloads?	BRANDEBURG, Jesse JAIN, Anjali Singhai
14:35	[158] XDP 1.5 Years In Production. Evolution and Lessons Learned.	SHIROKOV, Nikita V.
15:10	[159] Keynote: "This Talk Is Not About XDP: From Resource Limits to SKB Lists"	MILLER, David
15:35	Break	
16:00	[160] TC SW Datapath: A Performance Analysis	ABENI, Paolo CARATTI, Davide CHAUDRON, Eelco LEITNER, Marcelo Ricardo
16:35	[161] Using eBPF as an Abstraction for Switching	VILJOEN, Nick
17:10	[162] BPF Host Network Resource Management	BRAKMO, Lawrence STAROVOITOV, Alexei
17:45	[163] Closing	