

Linux Plumbers Conference 2019

Monday, September 9, 2019

Networking Summit Track - Floriana/room-I (10:00 AM - 6:30 PM)

| time | [id] title | presenter |
|----------|---|---|
| 10:00 AM | [115] Linux Kernel VxLan with Multicast Routing for flood handling | PRABHU, Roopa |
| 10:45 AM | [239] BPF packet capture helpers, libbpf interfaces | MAGUIRE, Alan |
| 11:30 AM | Break | |
| 12:00 PM | [155] Multipath TCP Upstreaming | MARTINEAU, Mat BAERTS, Matthieu |
| 12:45 PM | [270] Programmable socket lookup with BPF | SITNICKI, Jakub BAUER, Lorenz MAJKOWSKI, Marek |
| 1:30 PM | Lunch | |
| 3:00 PM | [291] XDP bulk packet processing | FIJAŁKOWSKI, Maciej |
| 3:45 PM | [71] LAG and hardware offload to support RDMA and IO virtualized interfaces | Mr KASHYAP, Vivek Ms SINGHAI JAIN, Anjali Dr UMINSKI, Piotr |
| 4:30 PM | Break | |
| 5:00 PM | [318] netfilter hardware offloads | Mr NEIRA, Pablo |
| 5:45 PM | [274] SwitchDev offload optimizations | Mr NIELSEN, Allan |

Tuesday, September 10, 2019

Networking Summit Track - Floriana/room-I (10:00 AM - 6:30 PM)

| time | [id] title | presenter |
|----------|--|--|
| 10:00 AM | [287] XDP: the Distro View | BENC, Jiri Dr HØILAND-JØRGENSEN, Toke BROUER, Jesper Dangaard |
| 11:30 AM | Break | |
| 12:00 PM | [308] Life at a Networking Vendor -- Keeping up with the Joneses | GOSPODAREK, Andy |
| 12:45 PM | [242] Future ipv4 unicast extensions | Dr TÄHT, Dave |
| 1:30 PM | Lunch | |
| 3:00 PM | [262] Making the Kubernetes Service Abstraction Scale using eBPF | Mr DANIEL, Borkmann Mr MARTYNAS, Pumputis |
| 3:45 PM | [303] Making Networking Queues a First Class Citizen in the Kernel | KARLSSON, Magnus TÖPEL, Björn DANGAARD BROUER, Jesper HØILAND-JØRGENSEN, Toke KICINSKI, Jakub MIKITYANSKIY, Maxim |
| 4:30 PM | Break | |
| 5:00 PM | [296] Seamless transparent encryption with BPF and Cilium | Mr FASTABEND, John |
| 5:45 PM | [229] Ethernet Cable Diagnostic using Netlink Ethtool API | LUNN, Andrew |

Wednesday, September 11, 2019

Networking Summit Track - Floriana/room-I (10:00 AM - 11:05 PM)

| time | [id] title | presenter |
|----------|--|------------------|
| 10:00 AM | [322] Scaling container policy management with kernel features | STRINGER, Joe |
| 10:45 AM | [85] Traffic footprint characterization of workloads using BPF | GHAG, Aditi |
| 11:30 AM | Floriana I | |
| 12:00 PM | [122] Improving Route Scalability with Nexthop Objects | AHERN, David |
| 12:45 PM | [281] An Evaluation of Host Bandwidth Manager | BRAKMO, Lawrence |
| 1:30 PM | Lunch | |
| 6:45 PM | [373] Closing Plenary (Floriana I/II/III) | |
| 7:30 PM | [370] Bus service for Evening Party | |
| 8:00 PM | [371] Closing Party @ Centro Cultural de Belém (CCB) | |
| 10:55 PM | [372] Last Bus service - 11PM | |