Linux Networking and Data Center Operation Challenges

Damascene Joachimpillai (DJ)
Verizon

Linux Networking

- Huge variations in applications from Android Handsets to Data Center Switches and Routers

- Host Requirement vs. Middlebox Requirement
    - Scale is significantly different for different aspects of the networking stack
    - User Interface requirements are different

Application validation is not very obvious – leading to complex rule set

Linux Networking vs. Pseudo-Linux Networking

- Use of Linux Networking stack in its entirety vs. Use of Linux for booting the system

- Linux is relegated to running configuration elements for the application

- Propagates custom CLI that leads to additional complexity in deployment and maintenance

If you are using Linux as a boot system for proprietary networking, then this conference _may not be for you_.

Thank You