

Suggested Presentation Topics

- UNIX/Linux
 - Linux boot process
 - Linux file system layout
 - Linux TCP/IP stack
 - Kernel modules and device drivers
 - Cross-platform development for embedded systems
 - Embedded Linux: kernel and filesystem
- Windows
 - Windows file system layout
 - Kernel modules and device drivers
- Mobile System
 - iOS system
 - Android system
- Internet
 - IP address topics (classes, subnets, NAT, DHCP, etc.)
 - Interior routing protocols (RIP, OSPF, etc.)
 - Border gateway protocol (BGP)
 - BGP route oscillation
 - TCP flow behavior
 - Domain name system (DNS)
 - Network debugging and management (SNMP)
 - Network time protocol (NTP)
- Security
 - Distributed Denial of Service (DDoS)
 - OS fingerprinting
 - Firewalls
 - Intrusion Detection