

wifi-0

- back to the obvious ;-)
 - thanks Srikanth, Jatin, Nadeem...



that's all folks, ciao...

Bar, oh yes ;-)

BharOSa must be earned !

- Who owns your digital life
- How do you take back control of your data
- The fundamentals of BharOS
 - COTE: Chain of Trust Environment
 - NDA: No Default Apps
 - PASS: Private App Store Services

Why should we care about BharOS in WiFi routers ?

- 80% of WiFi routers can be hacked
 - <https://altaprorpg.com/technology-and-security/eighty-percent-of-wi-fi-routers-can-be-hacked/>
- problem is critical for governments
- Zero-configuration
 - TRASH-069
 - SSH
 - Disclaimer: some of my code is in dropbear
 - TLS-1.3 (self-issued certificates)
- Any other reason ?
 - fame and fortune for me ;-)

What does it take to get a new OS into routers?

- SoC (Oligopoly)
- Standard Reference Design/ODM
 - modified uboot/openwrt

- Wishlist
 - Mainline linux support
 - Less logic in hardware
 - Open source device drivers
 - Wifi-0 :-D

What lessons from smartphone side...

- Is there a pushback from commercial side – why ?
- Did it have any problems with existing applications etc.
- Has anything meaningful been achieved ?

What are realistic goals?

- Are you working with some friendly parties?
 - India's 1st PSU
- Which segments do you expect to be impacted?
 - The enterprise folks are not going to be happy with us :-D
- Can the community help?
 - create awareness

BharOS

trust thyself