

Justifying Opportunistic Networking (JON😊)



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Architecture...

- The Internet was always meant to be
 - Opportunistic
 - Any Source Unicast
 - Stateless
 - Decentralised
 - P2P
 - Symmetric
 - Don't distinguish hosts from routers
 - Don't just have client/server



New Application Paradigms

- Are opportunistic
 - Discovery
 - Symmetric
 - Pub/Sub v. call/response
- Software Architecture
 - Huggle/D3N =>
 - PSIRP/CCN



Robust

- We've opened Pandora's box
 - With IP
 - With Multicast
 - With pub/sub
 - With Facebook
 - With Search
- Need to Deal with unsolicited stuff anyhow...
- May make us address privacy preservation properly (ppp☺)