

# Justifying Opportunistic Networking (JON😊)



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# Architecture...

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- 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

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



# Robust

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- 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☺ )