

# ConnMan status update

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# ConnMan recap

- Integrated network management
  - D-Bus APIs
  - ethernet, wifi (wpa\_supplicant), cellular (ofono), bluetooth (bluez), nfc handover (near), USB gadget
  - IPv4, IPv6 network setup
  - integrated DHCP{V4,V6}, DNS, NTP, WISPr
  - session, i.e. “application based routing”
- Efficient use of memory and resources
- Select an uplink from the available ones

# ConnMan networking

- Network technologies
  - USB gadget uplink
  - DHCP for cellular connections
  - quite a few fixes to DHCP
  - multiple Agents
- Session (per-application routing)
  - integrate with autoconnect support
  - policy module with suitable hooks

# ConnMan WiFi P2P support

- `net.connman.Peer`
  - think hard about what is needed
- **standard P2P features**
  - discover/list peers
  - connect, disconnect
  - authenticate incoming/outgoing peer connections
  - register, unregister P2P services
  - become group owner when needed
- `wpa_supPLICANT`

# ConnMan resources

- new home on <https://01.org/connman>
- [connman@connman.net](mailto:connman@connman.net)
- #connman
- `git://git.kernel.org/pub/scm/network/connman/connman.git`