draft-ietf-scim-device-model-update

Eliot (for Muhammed and Hassan)

IETF 120
Recap: SCIM device model

• Hardware/IoT providers and others provision devices onto a deployment network via SCIM (deployment is server)
  • Roles reversed from normal SCIM

• Model is modular
  • BLE
  • Zigbee
  • Wifi-DPP

• New models we are looking to add
  • Fido Device Onboard
  • Wired DPP
  • Matter (eventually)
  • enOcean (eventually)

• Work is relevant to draft-brinckman-nipc
  • Non-IP Control of IoT devices
  • NIPC presented to ASDF and IOTOPS
Changes since IETF 119

• Initial security review finished
  • Some clarity needed in front material and in security considerations
  • An issue about certificate identification needs to be made clear
    => We need to propose changes for these issues.

• IoT Directorate review complete (nits only)
Timeline and Location

• We would like to close the issues in the security review by mid-August.
• Start WGLC by the 18th of August?
• Draft issues: https://github.com/iot-onboarding/scim-devices
• Open source: https://github.com/iot-onboarding/tiedie
  • PRs welcome