draft-Shahzad-scim-devices-03

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IETF 116
Review

• Goal:
  • provide a means to automate all or most provisioning of devices.

• Means:
  • A set of SCIM extensions that enable device provisioning.
  • A SCIM extension that also permits device manager endpoint registration.

• Re-use:
  • Core Schema
The concept: enable as few invariants as possible
The schemas

• Core Device Schema
  • Device display name, adminState, and optional mudUrl

• BLE Extension
  • Contains Passkey authentication information/IRK/version support information

• Wi-Fi Alliance EasyConnect
  • Contains what would be found in a DPP QR code for onboarding

• Zigbee
  • Similar to BLE

• Endpoint Applications
  • Authentication and RESTful endpoint information for control/telemetry endpoints.
Changes since London

• Now using SCIM schema type as normative
• OpenAPI is in the Appendix
• Lots of formatting “improvements”
  • Folding of JSON (blech!!!)
• Pretty tables with all attributes laid out
• Updated examples
Status

• Working on some OSS
• Specification is beginning to mature.
  • Some updates needed to OpenAPI (non-normative) model.
  • Need to fold resource URIs (sigh)
• Would like working group to take it on.