Authorized update to MUD URLs

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IETF115 OPSAWG meeting
November 9, 2022
(last time was at IETF111)

draft-ietf-opsawg-mud-acceptable-urls-05
What kind of updates?

• Updates to URL would be restricted to the last component

https://example.com/mudfiles/printer-4567/mud001.json  Allowed

https://example.com/mudfiles/printer-4567/mud002.json

https://example.com/mudfiles/gamepad-II/mud002.json  Not Allowed

https://attacker.example/mudfiles/printer-4567/mud002.json  Not Allowed
Now what?

- WG adopted in January, 2021
- Eliminated one of two solutions
  - Thus, this document has to normatively Update (Amends) RFC8520, so needs to be Standards Track
- Stable for awhile: WGLC
- QUESTIONS?
Operational Considerations for use of DNS in IoT devices

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draft-ietf-opsawg-mud-iot-dns-considerations-05
Review from Ben S

Major suggestion: IoT/MUD devices should use SOCKSv5, so that all names are visible to firewall.

• Certainly a useful suggestion:
  • Some devices and installations should consider it
  • but, it’s beyond both this document, and RFC8520, and probably even the IETF to make this architectural change
• MUD has wide possible applicability, and SOCKSv5 is not generally available, or used
Now what?

- Stable for awhile: WGLC
- QUESTIONS?