



MUD, MUD-PD, and such IETF Hackathon

**IETF 109
November 9-13, 2020
Online**



IETF Hackathon - <MUD, MUD-PD, and such>



Manufacturer Usage Description (MUD)

- RFC 8520 – Manufacturer Usage Description (MUD)
- MUD focuses on device intent
 - Allow lists defining what hosts can communicate with the device through defined protocols and ports
- MUD-PD aims to assist in building the files needed to conform to the MUD specification

Hackathon Plan

- Get feedback on usability and identify bugs for the MUD-PD tool
- Integrate MUDdy (Python/CLI tool to format MUD files)
- Updates to the MUD-PD tool to improve usability

What got done

- Identified a bug with the current MUD file generation wizard
- Working to replace the current MUD file generation wizard with MUDdy integration
- Discussed an option field in pcapng to provide machine-readable contextual information
- New code:
<https://github.com/usnistgov/MUD-PD>

Wrap Up

Team members:

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github.com/usnistgov/MUD-PD