MUD Update

Eliot Lear (amongst others)

Reminder

- Manufacturer Usage Descriptions provide an indication of manufacturer intent to local deployments

- Initial work provides configuration recommendations to configure access on network elements

- Components
  - A URL
  - A means to communicate it to the network
  - A YANG-based JSON file
  - The MUD Controller that converts abstract policy to specific configuration
  - The Manufacturer File server

Recently…

- draft-ietf-opsawg-mud-13 has completed both WGLC and IETF last call
- A few changes coming out of these last calls
  - Improved privacy considerations
  - Improved terminology consistency
  - A few editorial issues
  - Clarity on use of HTTPS processing
  - MASA server pulled out of core document and moved to an extension
- One issue:
  - Normative dependency on draft-ietf-netmod-acl-model
    (That draft has some issues – for our draft this is syntax – we should be able to easily accommodate changes)

Looking forward

- Probably a new draft in response to previous slide to resolve comments

- Extensions
  - MASA server from BRSKI
  - Some want means to find semantic definitions
  - Pointers to other Thing descriptions (various databases)