An HTTPS-based Transport for Subscribed Notifications

draft-ietf-netconf-https-notif-00

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Issues being tracked

• In https://github.com/netconf-wg/https-notif/issues
  1. Binary as an encoding option
  2. Should the receiver leafref be renamed?
  3. Support discovery of receiver capabilities
Issue#1: Binary Encoding

• Assuming publisher learns of receiver capabilities (issue#3)
  • Can Media Types be used for communicating binary data?

• Media Types? E.g.
  • application/yang-data+xml
  • application/yang-data+json
  • application/yang-data+cbor (not in scope currently)
Issue#2: Rename ‘receiver’ to ’https-receiver’?

• Should have been defined as part of RFC 8639
• Receiver declared within ietf-https-notif namespace
• Others will declare their own receiver in their own namespace
Issue#3: Support discovery of receiver capabilities.

• Use OPTIONS or GET

• OPTIONS might be better
  • Returns “capabilities of the receiver”

• Supported capabilities
  • Supported media types, e.g. XML, JSON, CBOR
  • Bundled messages (as defined by notification-messages)
Q & A