An HTTPS-based Transport for Subscribed Notifications

draft-mahesh-netconf-https-notif

Mahesh Jethanandani
Kent Watsen
Motivation

• Define a simple transport for configured subscription

• Simple in terms of:
  • Transport level protocol (HTTPS)
  • Encoding support (XML/JSON)
Design

• Support ability for multiple subscriptions to the same HTTPS receiver
  • Without replicating the configuration for a receiver

module: ietf-https-notif
  +--rw receivers
    +--rw receiver* [name]
      +--rw name   string
      +--rw tcp-params
        | +--u tcpc:tcp-client-grouping
        +--rw tls-params
          | +--u tlsc:tls-client-grouping
          +--rw http-params
            +--u httpc:http-client-grouping

  augment
  /sn:subscriptions/sn:subscription/sn:receivers/sn:receiver:
    +--rw receiver-ref? -> /receivers/receiver/name
Q & A

• Questions
• Does the WG see this as useful work?
• WG adoption?