

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?