RESTCONF Protocol

draft-ietf-netconf-restconf-08
NETCONF WG
IETF #94 Yokohama

Andy Bierman <andy@yumaworks.com>
Martin Björklund <mbj@tail-f.com>
Kent Watsen <kwatsen@juniper.net>

v0.3

Agenda

- Summary of REVIEW state issues

- Review mailing list comments and resolution proposals for open issues

  - https://github.com/netconf-wg/restconf/issues

- Next Steps

REVIEW #24:
mandatory encoding revisted

- Text has been changed to allow server to pick XML or JSON (or both) as supported encoding formats

  – https://github.com/netconf-wg/restconf/issues/24

REVIEW #26:
update references

- References to RFC 2396 changed to RFC 3986

  - percent-encoding terminology used

  - https://github.com/netconf-wg/restconf/issues/26

REVIEW #27:
URI encoding

- Removed quoted string encoding for key leafs
  - percent-encoding must be used instead
  - https://github.com/netconf-wg/restconf/issues/27

REVIEW #28:
add URI encoding example

- Added example of URI percent encoding for restricted characters

  – https://github.com/netconf-wg/restconf/issues/28

NEW #29:
add something about WWW-Authenticate realms

- For Stephen Farrell DISCUSS thread:

  - My first thought on this is to note that the RESTCONF draft is completely mute on the subject of realms - an omission for sure. As an author on that draft, my inclination is to add a statement along the lines of "MUST use the realm FOO", which would equate it to NETCONF, where there is no equivalent concept to a realm.

NEW #30:
Update some refs

- Need to update some references
  - 5539bis --> RFC 7589
  - httpauth-basicauth-update --> 7617
  - httpauth-digest --> 7616
  - anything else?

NEW #ML(1)
Cancel Notifications

- stop-time behavior

  – Text does not specify how the server stops sending notifications

    - Does TCP connection get dropped?

- Client operation to stop notifications

  – No operation to terminate notification delivery except for client to drop the TCP connection

- Is a new mechanism needed for the client to terminate notification delivery?

Next Steps

- Resolve new issues which are accepted as open issues

- Make minor edits to close issues

  - #29, #30, #ML(1)

  - Release -09 right away

- Then start WGLC for draft-09