RESTCONF Protocol

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

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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