BINARY ENCODING
DRAFT-MAHESH-NETCONF-BINARY-ENCODING

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NETCONF WG
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RECAP

- ENCODING FOR ALL NETCONF OPERATIONS
  - SIMPLER TO DO FOR ALL
  - <GET>, <GET-DATA>, ANY KIND OF PUSH

- RESTCONF
  - CONTENT-TYPE HEADER
  - CAN USE ENCODING FORMATS AGREED HERE
ISSUE#2

• SHOULD ENCODING INCLUDE MESSAGE LAYER?
  • SWITCH TO ENCODING AFTER <HELLO>
  • DO SO FOR MESSAGE AND YANG DATA
ISSUE#1

• SUPPORT FOR NOTIFICATION

  • SWITCH TO NEW ENCODING AFTER <HELLO>

  • ALLOWS ALL NOTIFICATIONS TO USE NEW ENCODING

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ISSUE#3

• DO WE NEED <ACTIVATE> ENCODING
  • NO
  • SERVER SENDS UNORDERED LIST OF ENCODINGS
  • CLIENT SENDS ORDERED LIST OF ENCODINGS
  • THE FIRST MATCHING ENCODING IS PICKED
ENCODING FORMATS

• SHOULD BE REGISTERED AS PART OF IETF REGISTRY
NEXT STEPS

- WAIT FOR RESOLUTION ON PUSH NOTIFICATIONS