



BINARY ENCODING

DRAFT-MAHESH-NETCONF-BINARY-ENCODING

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INTRODUCTION

- ALTERNATE FORM OF ENCODING

- URI

URN:IETF:PARAMS:NETCONF:CAPABILITY:ENCODING:1.0?FORMAT={NAME, ...}

- <ACTIVATE>

WHAT IS ENCODED?

- EVERYTHING ABOVE THE “MESSAGE” LAYER
 - FIGURE 1 OF RFC 6241
- RPCS, ERROR MESSAGES REMAIN IN XML

ENCODING FORMATS

- ENCODINGS SUPPORTED
 - CBOR
 - CBOR + SID
 - JSON
 - GPB
 - THRIFT
- QUESTION – HOW TO TRACK REVISIONS OF A ENCODING FORMAT?
 - CBOR-1.0
 - CBOR-2.0
- IDENTITY DEFINITION
 - DO WE NEED AN IDENTITY DEFINITION?
 - UPDATE IETF-RESTCONF?

RESTCONF

- NEW CAPABILITY

URN:IETF:PARAMS:RESTCONF:CAPABILITY:ENCODING:1.0?FORMAT={NAME, ...}

- HTTP “CONTENT-TYPE” HEADER

NOTIFICATIONS

- SUBSCRIBED NOTIFICATIONS
 - SUPPORTS CHANGING ENCODING

NEXT STEPS

- UPDATE DRAFT
- ASK FOR WG ADOPTION AFTER UPDATE