

Protocol Update

Forwarding and Control Element Separation
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Table append

- Send a table row SET with any index and path flag to indicate *append*
 - Response tells you what table row was used
- Good fit for
 - LFBs we have no control over table indices
 - Where we try to save rtt for setting table row (eg instantiating an LFB via FEObject)
- tcpdump patch submitted

Table Range Query

- Table range TLV for GET/DEL
 - Pathdata flag to indicate it is a table range
 - Contents to include start/end of range
- Implementation for Del not positive
 - Complication is informing CE which rows have been deleted
 - Recommend foregoing it for sake of deadline
- GET tested and works well
 - tcpdump patches submitted

Table append + range

- tcpdump illustration

Additional Return Codes

- RFC 5810 error codes a good starting point
 - codes too generic e.g E_NOT_SUPPORTED
- Implementation experience has shown we could use more
 - Would allow easier debugging a response to an interoping implementation to say E_INVALID_OP instead of E_NOT_SUPPORTED which means 10 other things

Additional Return Codes

- Implementation completion to follow after meeting
 - As suggested to not standardize ascii sttrings
- Have come across one scenario where we need more than just ascii strings
 - Try to do a SET via a backup CE
 - Backup CE or FE (depending on implementation) responds with READ_ONLY
 - ASCII string could be “You are not the master”
 - It would be useful to provide 32-bit ID of master CE

Bitmap encoding

- Discussion of whether the protocol draft needs to mention it at all
 - Argue that a bitmap is a new data type
 - Protocol agnostic to any datatypes