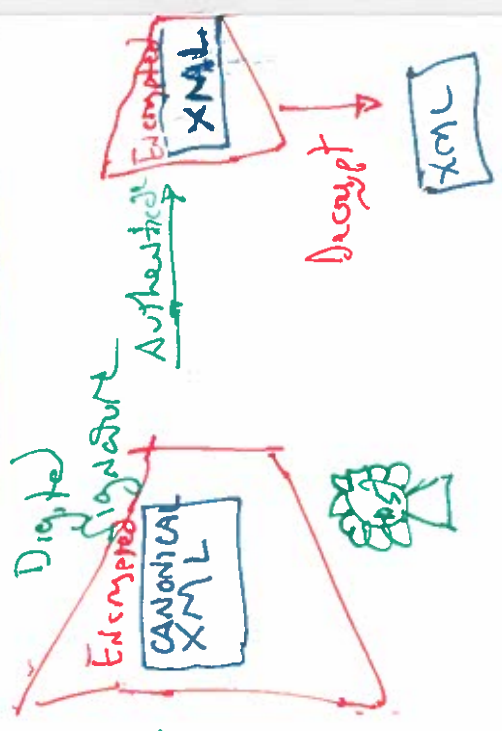
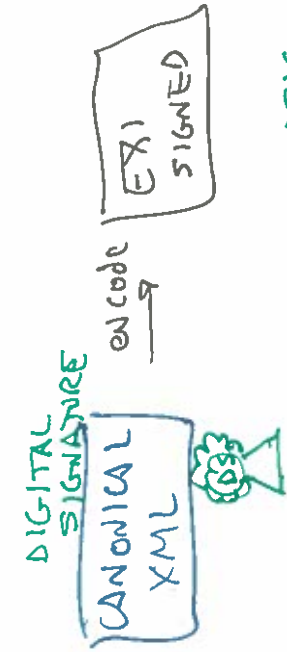
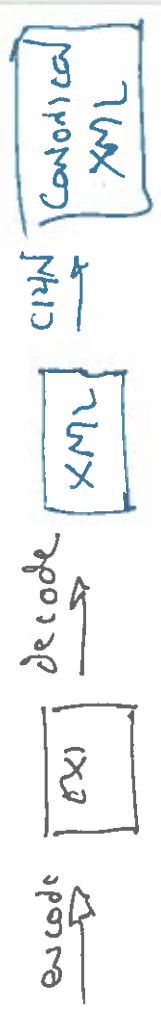


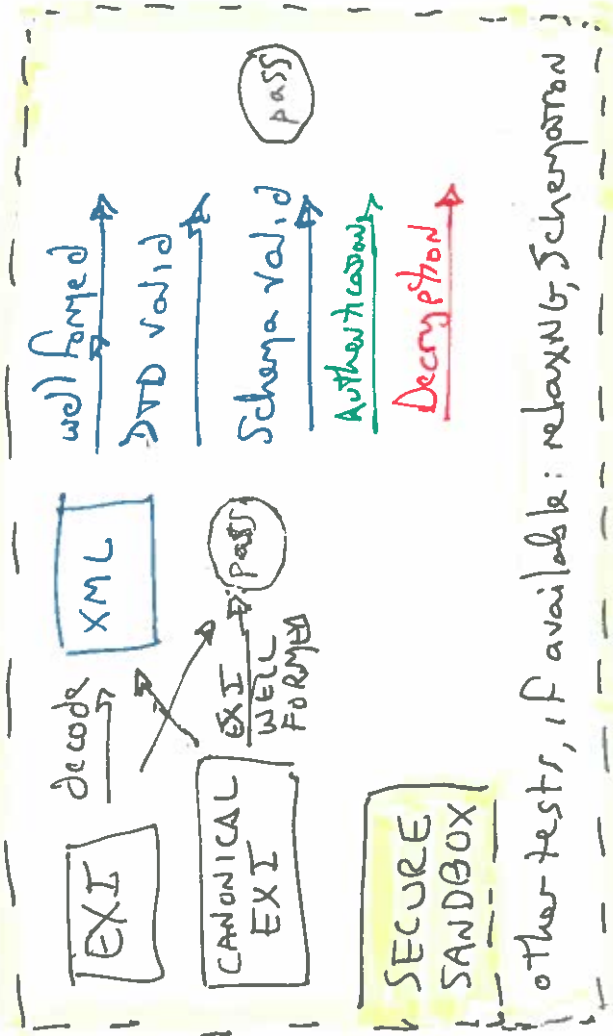
Configuration: can diff canonical XML of source & result



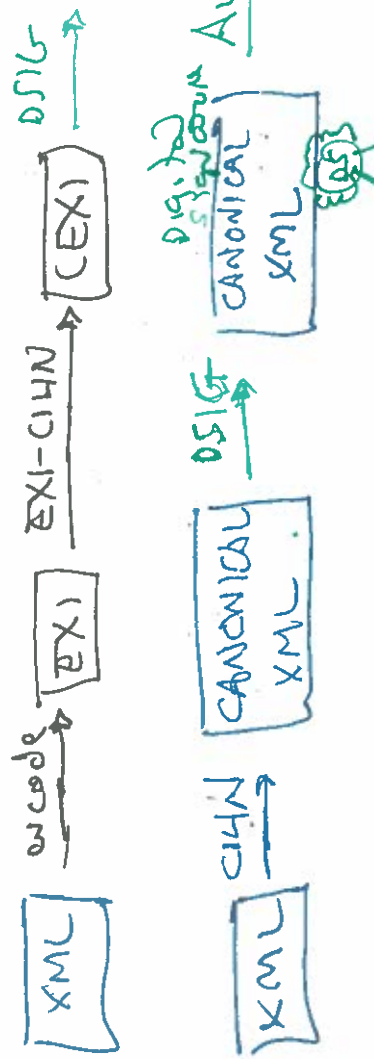
(E) Canonical EXI



(F) EXI Validation



(G) EXI Security



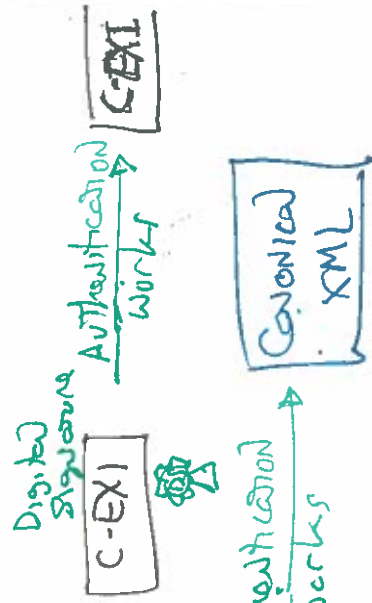
similar to

(2)

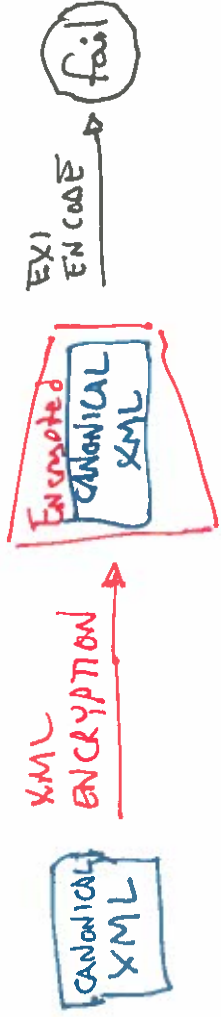
Either EXI or C-EXI, will be useful to have "EXI Well Formed"

testing for invalid EXI to prevent EXI decoder failures or exploits.

Can use secure sandbox with timeout limits for decoding as way to test for corrupted or malicious EXI streams



(H) Anti-pattern:
encrypt before
compression



No compaction is possible due to pseudo randomization from encryption

(I) Document Fragments and Compound Documents

Many permutations and combinations are possible since EXI, Digital Signature and XML encryption can be applied to document fragments (XML subtrees) within a larger compound XML document.

(J) Disambiguation of eponymous CI4N canonicalization techniques

Need to clearly distinguish between different techniques

CANONICAL XML

W3C Recommendation 2001 (CI4N XML)

CANONICAL EXI

W3C Working draft 2014 (CI4N EXI)