Comparison of NMDA datastores

draft-ietf-netmod-nmda-diff-03

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Updates from IETF 105

• Recap: This draft defines an RPC that allows to compare NMDA datastores
  • Report only differences without needing to upload entire datastores
  • Use to troubleshoot conditions due to unexpected failures or time lags of change propagation

• New -03 revision posted

• Changes since -02
  • Added optional “exclude-origin” parameter to indicate that origin metadata from <operational> should not be included in output.
  • Added Performance Considerations section
rpcs:
  +--x compare
    +--w input
      | +--w source    identityref
      | +--w target    identityref
      | +--w all?      empty
      | +--w exclude-origin? empty
      | +--w (filter-spec)?
      | +--:(subtree-filter)
      |     | +--w subtree-filter?
      |     | +--:(xpath-filter)
        | +--w xpath-filter? yang:xpath1.0 {nc:xpath}?
    +--ro output
      +--ro (compare-response)?
        +--:(no-matches)
          | +--ro no-matches? empty
        +--:(differences)
          +--ro differences
            +--ro yang-patch
              +--ro patch-id    string
              +--ro comment?    string
              +--ro edit* [edit-id]
                +--ro edit-id    string
                +--ro operation   enumeration
                +--ro target      target-resource-offset
                +--ro point?      target-resource-offset
                +--ro where?      enumeration
                +--ro value?
                +--ro source-value?
Updates from IETF 105

• We believe all open issues are closed
• Next step WGLC?