draft-ietf-core-dynlink

Virtual Interim 23 Jun 2021

Dynlink developments

- Current draft is at version -13

- Continuing to incorporating feedback received for updates, corrections and clarifications

- Some significant changes will be done in the near future
  - After discussion with AD, Chairs and authors, Dynlink draft will be split into two WG drafts

Table of Contents

Text extracted verbatim to new WG draft:
draft-ietf-core-conditional-attributes-00

The rest of the dynlink-13 will be extracted
verbatim to dynlink-14

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Why the changes?

- Current Dynlink draft right now contains these as 2 distinct sections
    - While conditional observe attributes are now ready for some time, the section on link bindings and binding tables still under development particularly in relation to other work such as CoRAL

- OMA's LWM2M specs has a dependency to Dynlink, but purely to the conditional observe attributes and not the link bindings

- Work on conditional attributes is almost finished

- Separating into 2 drafts will allow core-conditional-attributes to proceed rapidly towards RFC without creating pressure on link bindings

core-conditional-attributes-00 to -01

- Impact on behaviour from the possible presence of (multiple) proxies
  - This will be added into Implementation Considerations
- Text for possible security considerations
- Update reference code for server processing of Conditional Attributes
  - Include also a state machine to describe server-side processing, for example with epmin and epmax
- Then ready for WG last call

core-dynlink-13 to -14

- Shortcomings seen with using CoRE Link Format for describing link bindings in binding table
    - Exploration is still needed for better technique to describe link bindings

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Thank you!