

# Views on Rel-18 XR enhancement WID scope

Agenda Item: 9.2.10

Source: Spreadtrum Communications

Document for: Discussion/Decision

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- Study , if necessary, specify XR-awareness in RAN based on SA2 and SA4 progress. (RAN2)
  - Further study PDU set / data burst awareness info and corresponding traffic handling.
  - The mapping relationship among QoS flow, DRB and LCH, and corresponding mechanism enhancements.
  - PDU discard mechanism enhancements.
  - The support of multi-modality flows.
- Specific XR-specific power saving techniques to accommodate XR service characteristics, e.g. periodicity, jitter. (RAN1, RAN2)
  - Semi-static solutions for C-DRX enhancement to align with XR traffic periodicity.
  - Study , if necessary, specify dynamic solutions for C-DRX enhancement to align with XR traffic periodicity.
  - Study , if necessary, specify PDCCH monitoring adaptation enhancements.
- Specific XR-specific capacity improvements. (RAN2, RAN1)
  - CG enhancements. (RAN1, RAN2)
    - Multiple CG PUSCH transmission occasions in a period of a single CG PUSCH configuration.
    - Dynamic indication of the unused CG PUSCH occasion(s) based on UCI.
  - BSR enhancements. (RAN2)
    - Specify additional BSR table(s) for XR.
    - Specify the delay information report.
    - Study , if necessary, specify additional BSR triggering conditions.
  - Assistance information to gNB, e.g. periodicity, packet size. (RAN2)

Note: the baseline is TSCAI.



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