



# On the prioritization of the Fixed Mobile Convergence Work in Release 16

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# Outline

- 📶 This document provides our view on the need to prioritize the work in Fixed Mobile Convergence work to be considered for Release 16, highlighting their implications mainly in terms of SA2 WID/SIDs and potential impact on other working groups (SA3/RAN2/RAN3)
- 📶 The analysis focuses just on the High Priority items.

# Technology consolidation

- 📶 EPS will continue to play a dominant role while 5GS is going to gradually take its place;
- 📶 Traditional Fixed network deployments are going to continue while new 5G services will try to be gradually integrated for fixed network clients;
- 📶 New 5G technologies are going to be integrated gradually both for access as well as for backhaul;
- 📶 Hybrid backhaul may become a reality using both fixed and wireless links. Wireless backhaul may use both licensed and unlicensed spectrum with both NR and 802.11 related technologies.

# Our expectations on Release 16

- Fixed-access integration into the new 5G Core Network including
  - Trusted (managed) WLAN access
  - Broadband access
  - Cable based access
- Completion of the work on traffic steering, switching and splitting with a focus on higher gain, low architecture impact solutions.

# List of SA2 Release 16 prioritized items → and their implications on RAN and other SA groups



- SA2, Study on the Wireless and Wireline Convergence for the 5G system architecture
  - RAN3 impacts on N2/N3 interfaces, possible RAN2 impacts on RRC signaling(solution based)
  - SA3 impacts expected
- SA2, Study on Access Traffic Steering, Switch and Splitting support in 5G system
  - RAN impacts are not expected for untrusted access.