

The Discussion on Data Leakage on FS_AIML_CN

KDDI CORPORATION, China Mobile Com. Corporation, China
Telecommunications

WT1: AIML cross domain coordination

- Regarding RAN AI/ML support, the SA2 study of RAN data exposure to outside of the operator domain should be avoided unless RAN WG explicitly and strongly requests the study to SA2.
- If such data exposure is studied in SA2, the data protection functionality should be discussed.
- This is because RAN data, i.e., UE data collection or ML model transfer for RAN AI/ML, has the following data leakage concerns.
 - Air interface related information, e.g., CSI and Beamforming information, which are to be collected for RAN AI/ML, include fine-grained UE's location and other UE privacy information. The expose of them should respect business-level requirement, e.g., the operator policy and regulation.
 - In multi-operator RAN, the data may includes both operator's configurations. How to treat the data should be restricted by the negotiation between operators, and the data transfer is to be completed in charge of operator.