

Key issue status of 5MBS security (AI 4.4, 5.3)

Key issues	Status	Plan in SA3 #104-ad hoc	Plans in SA3 #105
Key issue #1: Security of authentication and authorization for multicast communication services	Partially concluded (secondary based AA)	Achieve the final conclusion; 1. Whether to support AKMA or GBA for authentication Add details in normative work based on concluded part	Adding more details if needed.
Key issue #2: Security protection of MBS traffic	Partially concluded (service layer based protection)	Achieve the final conclusion 1. Whether to support transport layer based protection? 2. Key delivery: CP based or UP based? 3. Key generator: MBSF or MBSTF or other entity? Add details in normative work based on concluded part	Adding more details in normative work.
Key issue #3: Security protection of key distribution	Under discussion.	Achieve the final conclusion 1. Key update condition 2. Whether to support key update optimization?	Adding more details in normative work.
Key Issue #4: Security protection between AF and 5GC	Concluded. Already captured in draft TS	Editorial changes	No more work is needed

Questions for show hand

- Q1: In addition to the service layer-based solution, transport layer-based solution **is also used** as a baseline?
 - A: Yes
 - B: No
- Q2: For service layer-based solution, which method of key distribution **do you prefer?**
 - A: CP based solution
 - B: UP based solution
- Q2a: if equal, both CP and UP based solution are used as baseline. Do you **object** this?
 - A: Object
 - B: agree