SA WG3 Status report for FS_5GSAT_Sec

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FS_5GSAT_Sec Status

Overall plan

- October meeting:
  - Scope approved
  - One key issue added with no security threats and requirements

- November meeting:
  - KI#1 updated with threat analysis
  - Another proposed new KI is pending on the reply from CT1 to SA2's LS

- January meeting:
  - Complete KI#1 by adding potential requirements
  - Add new key issues if identified
  - Add new solutions for key issues

- February meeting:
  - Updated agreed solutions as needed
  - Add further new solutions as needed
  - Start to add solution evaluations

- April meeting:
  - Add conclusions for key issues
  - Agree on WID

- May meeting:
  - Start normative work

FS_5GSAT_Sec Status

TR 33.700-28 Summary

Key Issues	Solutions	Solution status
KI#1 (incomplete)	none	N/A

SA3#108
Aug 22-26, 2022
• SID approved

SA3#108 Adhoc-e
Oct 10-14, 2022
• Scope added
• KI#1 added

SA3#109
Nov 14-18, 2022
• KI# updated with security threats

SA3#109-bis
Jan 16-20, 2023
• KI#1 to be completed
• New solutions to be added

SA3#110
Feb. 20-24, 2023
• Add further solutions
• Solutions to be evaluated

FS_5GSAT_Sec status after SA3#109

UID	Name	Acronym	Rel	WG	Target	Old %	New %	Change or comment
970028	**Study on Security Aspects of Satellite Access**	**FS_5GSAT_Sec**	Rel-18	S3	Mar-2023	10%	15%	TR 33.700-28

📶 **General**

- TR 33.700-28 v0.2.0 contains one incomplete key issue

📶 **Dependencies:**

- SA2 work after Nov. (#154e): TR 23.700-28 v1.1.0 100% completed, WID established (pending email approval)
- Next SA2 meeting Jan. (ad-hoc): Normative phase to be started

FS_Ranging_SL_SEC status after SA3#109

- **SA2/RAN impacts and dependencies**:
  - None for RAN
  - SA2 conclusions already completed but too general to have a clear view on their selected solutions

- **Contentious Issue**:
  - Potential requirements for KI#1 needs to reach consensus asap

- **Focus for the Next Meeting (Jan.)**:
  - Complete KI#1 with potential requirements
  - Add solutions for KI#1
  - Potentially new KI to be added

- **Overall Plan**:
  - See slide #2

- **Risks:**
  - SA2 conclusions were made too general without clear solutions for architecture enhancement
  - Exception may be requested according to the current progress