

3GPP TSG SA WG3 Security — S3#23

S3-020332

9 - 12 July 2002

Helsinki, Finland

TSG-SA WG4#21 meeting

Tdoc S4 (02)0346

May 13-17, 2002, Rennes, France

Title: Answer to “Liaison Statement on PSS Release 6 work programme”
Source: SA4
To: SA1, ~~SA2~~, SA3, SA5, T 2
Cc: SA2, SA3, SA5, T-2

Contact Person:

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Attachments:

1. Overall Description:

SA4 thanks SA1 for their question regarding WID description for [Packet Switched Streaming](#) in R6. SA4 is planning to continue to develop PSS in R6 and ~~will~~ thus [plans to](#) raise a new WID for R6.

Included below is collection of features under discussion for inclusion in R6 streaming. As can be [seen](#), [coordination of Streaming work for R6 is needed and SA4 is willing to take that responsibility. S4 will have to coordinate the streaming work with a number of other groups in 3GPP for R6.](#) It is also highly possible that the streaming work in R6 will have architectural impacts (in contrast to R4 and R5) and SA4 foresees some close cooperation [especially](#) with SA2, [who should be responsible for Stage 2.](#)

SA4 is asking for comments on the proposed features and is happy to discuss the proposal with all involved groups.

[As requested by SA1, SA4 has considered a joint meeting with SA1 to discuss the scope and work plan for Rel-6. SA4 sees that such a joint meeting with SA1 would be useful in order to prepare a WID. SA4 requests SA1 to consider if they could organise such a joint meeting during their Adhoc meetings in July 2002. \(If that is not possible, then SA4 could ~~organise~~organise it within SA4#22 \(22-26 July, July, 2002\)\).](#)

2. Proposal for R6 features

The bullet point list below is in [a rough prioritization/prioritisation](#) order. The feature descriptions in the final WID is planned to be on this high level.

- Adaptation
 - Pre-transport adaptation, will have connections to the GUP work (SA2).
 - Transport adaptation, is partly covered in TR 26.937. Any architectural impacts should be handled together with SA2.
 - Access network influence also described in TR 26.937.
- New codecs and formats. Update and extensions to existing codecs and formats

- MMS interworking
S4 has responsibility for media formats and codecs. Main responsibility for the service is in T2.
- File format
for MMS interworking and other use cases such as progressive download and server use, to be studied.
- DRM
depending on the status of DRM in R6 we might need to update PSS. S4 has responsibility for codec aspects for DRM.
- MBMS
depending on the status of MBMS in R6 we might need to update PSS. The requirements should come from SA1.
- Reuse of IMS infrastructure for PSS
is under discussion in SA2. SA4 and SA2 should look into this in cooperation.
- PSS QoS Metrics
End-to-End QoS measurements and reporting for PSS.
- Implications of IPv6

3-Internal SA4 Draft Time plane

In order to focus the work, SA4 have a rough internal time plan where every feature is allocated to a number of SA4 meetings. The goal is to find a solution for the feature during the allotted meetings. However, the time plan will not be strictly enforced. It is expected that R6 is ready in June 2003 (or later depending on the overall finalisation of R6) at the end of 2003 (S4#29).

Year	Meeting	Feature to focus on
2002	#21 (May)	Start of WID, TR 26.937 and Adaptation. Clean up of earlier releases (such as IPv6, QoS parameters etc).
	#22 (July)	WID ready. Work on Adaptation. Start of MMS, PSS QoS Metrics and File format.
	#23 (Sept)	Phase 1 of TR 26.937 ready. Work on Adaptation, MMS, PSS QoS Metrics and File format.
	#24 (Nov)	Adaptation and PSS QoS Metrics ready. Work on MMS, File format. Start of Reuse of IMS.
2003	#25	MMS, Phase 2 of TR 26.937 and file format ready. Work on Reuse of IMS. Start of DRM, MBMS and New codecs.
	#26	Reuse of IMS ready. Work on DRM, MBMS, and New codecs.
	#27 - #29	DRM, MBMS and New codecs ready. Finalization of PSS R6.

4.3. Actions

To all addressed groups:

ACTION: SA4 is looking forward to comments on the list of streaming features in R6.

To SA1:

ACTION: SA4 requests SA1 to take actions to organise a joint SA1/SA4 meeting on R6 Streaming.

4.5. Date of Next SA4 Meetings:

Title	Date	Location	Country
SA41#22	22-26 July , 2002	Tampere	Finland
SA41#23	30 Sept – 4 Oct, 2002	Montreal	Canada