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**Title:** Reply LS on issues on DRM for PSS and MBMS streams  
**Response to:** S4-030734 / OMA-BAC-DLDRM-2003-0221R3,  
S4-030731 / OMA-BAC-DLDRM-2003-0264  
**Release:** Rel-6  
**Work Item:** Packet Switched Streaming Services Rel-6  
  
**Source:** SA4  
**To:** OMA-BAC DL+DRM  
**Cc:** OMA-SEC, 3GPP SA3

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**Attachments:**

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**1. Overall Description:**

The 3GPP SA4 group would like to thank OMA BAC DL+DRM group for the documents S4-030731 and S4-030734, and the continued cooperation to standardize DRM protection for streaming services.

SA4 discussed the RTP payload and associated signalling, and arrived to the working assumption that the DRM protection of Release 6 PSS streams shall be based on an “encrypted RTP wrapper” payload format, without mandatory requirements on the underlying RTP profiles. Parameters to be considered for inclusion in signalling of stream parameters are described in S4-030757. Integrity protection of streams was also discussed and SA4 agrees with OMA DL+DRM that having such a feature separated from DRM is a feasible solution. SA4 has agreed on a high-level working assumption to define the optional (to use and to implement) integrity protection mechanism in the PSS solution using standard IETF SRTP. In addition, file format additions were discussed and SA4 shall provide the necessary file format additions for supporting encrypted media in the 3GP format. All Release 6 compliant file profiles may contain encrypted media, and as such, don't require separate branding or sub-profiling.

SA4 would like to request that the OMA specifications would not overlap with TS 26.234 and TS26.244, in order to avoid conflicting implementations and future IOP issues. SA4 understands the time constraints in OMA, and would like to inform the DL+DRM group of the schedule for stable 3GPP specifications.

The SA4 group intends to place TS 26.234 and TS 26.244 under a formal change control procedure at the SA plenary meeting in March. Until then, SA4 is working on the specifications to support the signalling and transport of protected media using the proposed wrapper payload format for encryption, and associated structures for the 3GP file format.

OMA DL+DRM raised the issue of signalling DRM support in UAProf. SA4 is working on including support for the DRM protected PSS media in the PSS UAProf.

The continued information sharing between the groups is highly appreciated and to further enhance it, a joint meeting could also be considered.

## **2. Actions:**

### **To OMA group**

- Consider the time 3GPP needs for finalizing the file format, signalling and streaming of protected media
- Reference 3GPP TS 26.244 for the encryption extensions to the file format and TS 26.234 for the signalling and streaming of protected media

## **3. Dates of Next SA4 Meetings:**

SA4 Meeting #30	23-27 February 2004	Sophia Antipolis
SA4 Meeting #31	17 - 21 May 2004	Location TBD
SA Plenary #23	15 - 17 March 2004	Phoenix, US