

3GPP TSG-SA WG2 meeting #37  
Innsbruck, 12<sup>th</sup> – 16<sup>th</sup> January 2004

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Tdoc S2-040458

**Title:** Reply to LS on service announcement and UE joining procedure  
**Reply to:** S3-030806/S2-040016  
**Source:** SA2  
**To:** SA3  
**Cc:** SA1, SA4

**Contact Person:**

**Name:** Mark Watson  
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**Attachments:** None.

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## 1 Overall Description

SA2 thanks SA3 for their liaison on Service Announcement and UE joining procedure.

SA2 would first like to note that the issues raised in their liaison are primarily application layer issues which are under the remit of SA4 in their work on MBMS User Services.

In particular Service Announcement is an application layer mechanism which will be specified by SA4 and not SA2.

With respect to the joining procedure, SA2 has specified the joining procedure for the MBMS Bearer Service (or Transport Service) as distinct from the Application layer joining procedure. Aspects such as key distribution are part of the application layer mechanisms, not the bearer service mechanisms.

SA2 notes that the same questions have been addressed to SA4. SA2 cautions against making assumptions about the requirements of the MBMS User Services in advance of receiving guidance from SA4. In particular, SA2 sees no reason to assume at this time that a single key is required for an MBMS User Service or that keys need to be distributed at joining time. The requirements for key distribution may also differ between User Services.

Finally, SA2 has previously considered and rejected ideas similar to the "Joining Availability Time" proposed by SA3 and does not feel that its introduction is justified according to the reasons provided by SA3.

SA2 therefore responds to the actions from SA3 as follows:

**Action from SA3:** SA2 is kindly asked to consider whether it is feasible to include the traffic protection mechanism indication in the Service Announcement and inform SA3 about SA2's decision.

**Response:** SA2 refers SA3 to SA4 for an answer to this question.

**Action from SA3:** SA2 is also kindly asked to evaluate whether the proposed “Joining Availability Time” is feasible or not from SA2’s viewpoint and inform SA3 about SA2’s decision.

**Response:** SA2 refers SA3 to SA1/SA4 for an answer to this question, but notes that SA2 is not convinced of the need for such an indication.

## **2 Actions**

None

### **Date of Next SA2 Meetings:**

TSG SA WG2#38	16 – 20 February 2004	Atlanta, US
TSG SA WG2#39	19 - 23 April 2004	Shenzhen, China