

3GPP TSG-SA2 Meeting #44
Budapest, Hungary, 26th January – 2nd February, 2005

Tdoc # S2-050506

Title: LS on status of 3GPP System PS domain services over WLAN 3GPP IP access in Rel-6
Response to: -
Release: Rel-6

Source: TSG SA WG2
To: TSG SA WG1, TSG SA

Contact Person:

Name: Sabine Demel
Tel. Number: +43 1 795 85 7720
E-mail Address: sabine.demel@t-mobile.at

Name: Osok Song
Tel. Number: + 82 (0)10 9979 5579
E-mail Address: osok.song@samsung.com

Attachments: -

1. Overall Description:

SA2 would like to inform SA1 about the status of standardization of the architecture for access to 3GPP System PS domain services over WLAN 3GPP IP access in Rel-6.

TS 23.234 contains the interworking architecture for IP connectivity over WLAN 3GPP IP access for support of 3GPP PS based services. 3GPP PS based services that require more than IP connectivity can require additional entities and interfaces, which are not covered by TS23.234, thus may not be supported in Release 6.

SA2 identified the following 3GPP PS based services requiring additional entities and interfaces for access over I-WLAN, which are currently not covered by Rel-6 specifications

- SMS and MMS (SMS is initially described in Annex D of TS 23.234. but will eventually be specified within the context of a separate WID (SP-040688) 'Support of SMS and MMS over generic 3GPP IP access')
- LCS
- MBMS

Moreover SA2 would like to draw the attention of SA1 to the fact that QoS provisioning is not supported in Release 6 I-WLAN architecture, which may limit the use of some services. SBLP, that is used to control the user's access to QoS-aware bearer resources, is not supported over I-WLAN for Rel-6. Standardization of QoS provisioning in WLAN is a task of IEEE, and this work has not been finalized yet.

2. Actions

To SA1 group.

ACTION: SA2 kindly asks SA1 to consider above listed limitations of access to 3GPP System PS domain services over I-WLAN in Rel-6 and to update TS 22.234 if deemed necessary.

3. Date of Next SA2 Meetings:

SA2#45	4 th - 8 th April 2005	Beijing, China.
SA2#46	9 th - 13 th May 2005	Athens, Greece