

Title: LS on mapping tunnels for WLAN 3GPP IP access and W-APNs
Release: Rel-6
Work Item: WLAN

Source: SA2
To: SA3, CN4, T2
Cc:

Contact Person:
Name: Osok Song
Tel. Number: +82 31 279 5840
E-mail Address: osok.song@samsung.com

Attachments: None

1. Overall descriptions

According to the present GPRS specification a user may have more than one active APN related to the same GGSN. For example, the UE may have an active APN for corporate intranet access, so the UE has an IP address belonging to the corporate network addressing space. At the same time the UE accesses the Internet for web browsing, so the UE is assigned another IP address belonging to the Network Operator's IP addressing space.

When this service example is mapped to I-WLAN environment, it means that the WLAN UE shall have two different tunnels towards the same PDG since the remote addresses assigned to the WLAN UE are different.

Hence, as described in the above example, in order to allow that the WLAN UE has different remote IP addresses simultaneously for different type of services, one tunnel per W-APN is required.

2. Actions:

To SA3, CN4, T2

SA2 kindly asks SA3, CN4 and T2 to consider the requirements stated above for their further works.

3. Date of Next TSG SA WG2 Meetings:

TSG-SA2 Meeting #42	11-15 October 2004	Sophia Antipolis, France
TSG-SA2 Meeting #43	15-19 November 2004	Seoul, Korea