

---

3GPP TSG-SA WG2 meeting #31  
Seoul, Korea, 7<sup>th</sup> – 11<sup>th</sup> April 2003

Tdoc S2-031569

---

**Title:** LS on impacts on the UE of UE-Initiated Tunnelling  
**Release:** Rel-6  
**Work Item:** 3GPP-WLAN interworking

**Source:** SA2  
**To:** CN1, T2, SA3  
**Cc:**

**Contact Person:**

**Name:** Nicolas Martiquet  
**Represented company:** Orange  
**Tel. Number:** +33 1 45 29 51 69  
**E-mail Address:** [nicolas.martiquet@francetelecom.com](mailto:nicolas.martiquet@francetelecom.com)

**Attachments:** None

---

**1. Overall Description:**

SA2 would like to inform that they are currently working on tunnelling issues for interworking between 3GPP system and WLAN systems.

As a working assumption, SA2 are currently only considering UE-Initiated tunnelling. This type of tunnelling has many advantages and fulfils most of our requirements, including:

- possibility for the user to activate more than one tunnel at the same time;
- minimal impact on the WLAN.

However, SA2 would like to ask CN1, T2 and SA3 if we can consider that all the UEs (including e.g. PDAs) will be able to initiate tunnels which may be secured.

**2. Actions:**

**To CN1, T2 and SA3 groups.**

- To evaluate the impacts on the UE of the UE-Initiated tunnels;
- To check what tunnel security options (if any) impact the UE and which WLAN UEs could not support them.

**To SA3 group.**

- To comment on any security issue around the specific case of UE-initiated tunnels terminated in the Packet Data Gateway.

**3. Date of Next SA2 Meeting:**

SA2#32	12 <sup>th</sup> May – 16 <sup>th</sup> May 2003	San Diego, USA
SA2#33	7 <sup>th</sup> July – 11 <sup>th</sup> July 2003	Sophia Antipolis, France