

Source: TSG CN WG4
Title: Form for exception on WLAN
Agenda item: 9.17
Document for: INFORMATION and APPROVAL

Release 6 Submission form

Feature / Item:		Wireless LAN Interworking WLAN Stage 3					
Affects:	UE/MS: No	CN: Yes	UTRAN: No	GERAN: No	Compatibility Issues:	Yes:	No: None new feature
Expected Completion Date:		June 2005					
Services impacted:		WLAN Access					
Specifications affected:		29.234, 29.161					
Tasks within work which are not complete:			WLAN Presence Information to the PNA via Pr, Pp and Wx (Px' HSS WLAN Data to PNA) Authorization information update procedure in Wa,Wm reference points				
Consequences if not included in Release 6:			Presence Information that is related to WLAN access will not be provided. Authorization information update procedure that is related to Wa, Wm reference points will not be provided.				
Accepted by TSG# 27 for late inclusion in Release 6:							

Abstract of document:

The WLAN stage 3 document specifies system description for interworking between 3GPP systems and WLAN Local Area Networks (WLANs). The intent of 3GPP-WLAN Interworking is to extend 3GPP services and functionality to the WLAN access environment. The 3GPP-WLAN Interworking System provides bearer services allowing a 3GPP subscriber to use a WLAN to access 3GPP PS based services.

This specification defines a 3GPP system architecture and procedures to do the following:

- Provide Access, Authentication and Authorisation (AAA) services to the 3GPP-WLAN Interworking System based on subscription.
- Provide access to the locally connected IP network (e.g. the Internet) if allowed by subscription.
- Provide WLAN UEs with IP bearer capability to the operator's network and PS Services, if allowed by subscription.

Contentious Issues:

SA2 have only recently introduced the Pr (AAA server to PNA) and Pp (PDG to PNA) presence interfaces in their Presence Stage 2. As a consequence, to date, the Pr and Pp (and possibly other interfaces) have not been addressed in CN at all. CN4 and CN3 should therefore either include or exclude this work in Rel 6 and inform SA2 so they can align their architecture accordingly. Current understanding is that Pp is supposed to be based on the Wi reference point i.e. TS 29.161, see the Presence Stage 2 TS23.141.

If this work is not completed by June, Pr and Pp interface will be moved to Rel-7 specifications, and CN4 and CN3 will inform SA2 via LS.

Authorization information update procedure in Wa,Wm reference points are not currently being addressed in CN. CN4 should either include or exclude this work in Rel 6. SA2 has introduced this function in Stage 2 TS 23.234.