Agenda Item:	Presence, GAA
Source:	Ericsson, Nokia
Title:	Organization of Presence TS and HTTPS TS
Document for:	Discussion/Decision

1. Introduction

"Draft TS: Generic Authentication Architecture; Access to Network Application Function using HTTPS (Release 6)" (HTTPS TS) is one of the new Technical Specifications agreed at SA3 #30 for the work item Support for Subscriber Certificates. This contribution discusses the relation between the new Technical Specification and the Presence Technical Specification. We propose how to structure these specifications in release 6, and how the two specifications could be handled in future releases.

2. Discussion

A new Technical Specification was agreed at SA3 #30 for specifying Access to Network Application Functions using HTTP over TLS (HTTPS TS). The TS would be a high-level document describing alternative access methods based on HTTP and providing security with TLS.

A Technical Specification Presence security is being worked on for release 6. The TS describes stage 2 security requirements for Presence Service. Access to the Presence Service will be based on HTTP over TLS. The scope of the Presence TS and the HTTPS TS overlap.

Technical Specifications for release 6 should be presented for information to the SA plenary in December 2003. This puts time constraints on further work on the Presence TS and HTTPS TS. To ensure that stage 2 work for Presence is completed in release 6 time frame, we think that priority should be given to the Presence TS.

The Ut interface might be utilized by other services in release 6 time frame. Potential candidates are conferencing services, message services and push services. For these services, stage 2 security work could be progressed in the HTTPS TS. As these services could use mechanisms described in the Presence TS, the HTTPS TS could reference the Presence TS.

For future releases, the two Technical Specifications could be restructured when needed.

3 Conclusions

SA3 is asked to endorse the following proposals:

1. The Presence Technical Specification shall be completed for release 6. It shall describe on stage 2 level how the Presence Service can be accessed securely using HTTP over TLS.

2. In release 6, the HTTPS TS shall describe secure access using HTTP over TLS for other services than Presence. Potential services to describe are conferencing, messaging, push, etc.. To avoid duplicate work in release 6, the HTTPS TS shall reference the Presence TS when appropriate.

3. For future releases, the two Technical Specifications could be restructured when needed.