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Goteborg, Sweden

To: TR45 AHAG
Cc: TR45.2, 3GPP CN4
Source: S3
Contact: Michael Marcovici (marcovici@lucent.com)
Title: **Clarification on positive authentication report**
Ref. tdocs:

3GPP S3 is studying how to implement the “Positive Authentication Reporting (or notification) - PAR”. It is S3’s current understanding that ANSI-41 operators require a report (or notification), after an authentication is successfully executed in a visited system.

The following implementation options are being considered:

- PAR applies for all authentications by all subscribers from all ANSI-41 networks
- PAR applies for all authentications by all subscribers from selected ANSI-41 networks
- PAR applies for authentications with specified authentication vectors. This would require a marker for each authentication vector for which PAR is required.

S3 requests TR45 to state a preference for one of the above options.

S3 would also like to clarify the information that has to be delivered within a PAR. For example such information could include:

- User ID
- RAND (associated with the reported AV).

The current plan is to introduce PAR in the Post 3GPP REL-5 specifications. In particular, it is expected that change requests will be required to the stage 2 security architecture TS 33.102 and the corresponding stage 3 MAP specification TS 29.002.

S3 urges TR45 provide S3 with the necessary guidance to ensure an effective implementation of this feature.