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CHANGE REQUEST													
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For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the 光 symbols.													
Proposed change affects: UICC apps# ME Radio Access Network Core Network													
Title: #		Network behaviour when a new REGISTER is challenged during an on going authentication											
Source: #	No	kia, 3											
Work item code: ℜ	IMS	S-ASE	С						Date: 3	19/	11/2003		
Category: 第	Deta	F Use one of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification) Potailed explanations of the above categories can be found in 3GPP TR 21.900. Release: Use one of the following of									ollowing rei A Phase 2, Pase 1996, Pase 1997, Pase 1999, Pase 4) Pase 5))))	
Reason for change	e: #	when in the contract of the co	it alrea	ady has a	n authe tication	nticatio runnin	n run	ning	at the S-CS with that UE articular UE	E, but	the CSCF		
Summary of chang	ge: ૠ		revious The The	s challeng S-CSCF P-CSCF	ge then should should	abando delete t	on the	e prev	ER while sti rious challe us registrati rith new cha	nge, on SA	to the sa		
Consequences if not approved:	Ж	auther	nticatio	on (before	it has t	imed o	ut) se	everel	ntication and ly increases ring with the	the a	bility of a		
Clauses affected: Other specs affected:	X	6.1.2 Y N X X X	Test	r core spe specificat Specifica	ions	ons	æ	TS 24	4.229, TS 2	9.228			
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Other comments:	*												

6.1.2.3 Incomplete authentication

When the S-CSCF receives a new REGISTER request and challenges this request, it considers any previous authentication to have failed. It shall delete any information relating to the previous authentication, although the S-CSCF may send a response if the previous challenge is answered. A challenge to the new request proceeds as described in clause 6.1.1.

If the S-CSCF- does not receive a response to an authentication within an acceptable time, it considers the authentication to have failed. If the IMPU was not already registered, the S-CSCF shall send a Cx-Put to the HSS to set the registration-flag for that IMPU to unregistered (see message CM3 in clause 6.1.2.2). If the IMPU was already registered, the S-CSCF does not change the registration-flag.

----- NEXT CHANGE-----

7.3.1.4 Incomplete authentication

If the UE responds to an authentication challenge from a S-CSCF, but does not receive a reply before the request times out, the UE shall start a registration procedure if it still requires any IM services. The first message in this registration should be protected with an SA created by a previous successful authentication if one exists.

When the P-CSCF receives a challenge from the S-CSCF and creates the corresponding SAs during a registration procedure, it shall delete any information relating to any previous registration procedure (including the SAs created during the previous registration procedure).

If the P-CSCF deletes a registration SA due to its lifetime being exceeded, the P-CSCF should delete any information relating to that the registration procedure that created the SA.