

Source: TSG CN WG3
Title: CRs on Rel-5 Work Item e2eQoS.
Agenda item: 8.5
Document for: APPROVAL

Introduction:

This document contains 1 CR on **Rel-5 Work Item e2eQoS**, including the corresponding mirror CRs (as required).

These CRs have been agreed by TSG CN WG3 and are forwarded to TSG CN Plenary for approval.

WG_tdoc	Title	Spec	CR	Rev	Cat	Rel	C_Ver
N3-030436	Revoke QoS authorization procedure for session redirection after bearer establishment	29.208	034	2	F	Rel-5	5.3.1

CHANGE REQUEST

⌘ **29.208 CR 034** ⌘ rev **2** ⌘ Current version: **5.3.1** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Revoke QoS authorization procedure for session redirection and final error releases initiated after bearer establishment		
Source:	⌘ TSG_CN WG3 [Orange, Siemens]		
Work item code:	⌘ E2EQoS	Date:	⌘ 23/05/2003
Category:	⌘ F	Release:	⌘ R5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ Currently the revoke authorization procedure is only described for the session release with a BYE message. The cases of revoke authorization QoS procedure for session redirection initiated after bearer establishment and final error releases initiated after bearer establishment are not described in the TS 29.208.
Summary of change:	⌘ The clause 6.3 "Revoke authorization for GPRS and IP resources" is completed.
Consequences if not approved:	⌘ The revoke authorization procedure triggered by a 3xx, 4xx, 5xx or 6xx SIP message is not described.

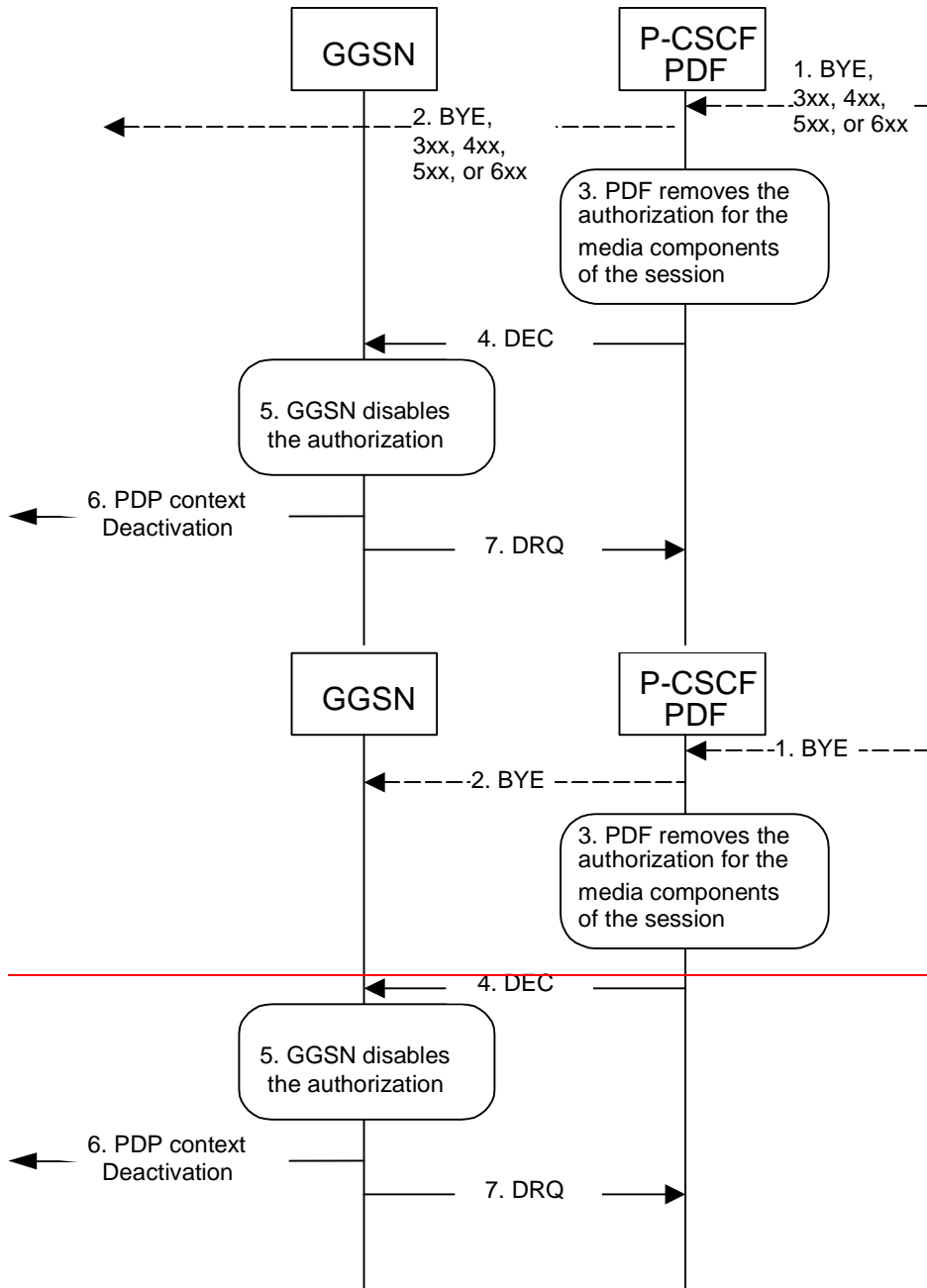
Clauses affected:	⌘ 6.3						
Other specs Affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
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Other comments:	⌘						

6.3 Revoke authorization for GPRS and IP resources

The "Revoke Authorization for GPRS and IP resources" procedure is used e.g. upon session release [or upon session redirection or SIP final error response initiated after bearer establishment](#). The PDF decision of "Revoke Authorization for UMTS and IP Resources" shall be sent as a separate decision to the GGSN corresponding to the previous "Authorize QoS Resources" request.

6.3.1 Mobile initiated session release / Network initiated session release

Figure 6.3.1 presents the "Revoke Authorization for UMTS and IP Resources" at upon Mobile initiated session release / Network initiated session release to both the Mobile Originating (MO) side and the Mobile Terminating (MT) side. [The session release may be signalled by a SIP BYE message or any SIP 3xx redirect response, or any 4xx, 5xx, or 6xx SIP final error response.](#)



1. ~~One mobile party hangs up or the P-CSCF or S-CSCF initiates BYE message~~ A SIP BYE message, a SIP 3xx redirect response, or any 4xx, 5xx, or 6xx SIP final error response is received by the P-CSCF.
2. P-CSCF forwards the BYE message, ~~or the SIP 3xx redirect response, or any 4xx, 5xx, or 6xx SIP final error response.~~
3. PDF removes the authorisation for the media component(s) of this session, which it authorized previously.
4. PDF sends COPS DEC message(s) to the GGSN including client handle(s), which identifies the PDP context(s) to be deactivated.
5. GGSN receives the COPS DEC message, and disables the use of the authorized QoS resources.
6. GGSN initiates deactivation of the PDP context(s) used for the IP multimedia session, in case the UE has not done it before.
7. GGSN sends COPS DRQ message(s) back to the PDF.

Figure 6.3.1: Revoke authorization for GPRS and IP resources - Mobile initiated session release / Network initiated session release to both Mobile Originating (MO) and Mobile termination side