

3GPP TSG CN Meeting #27
9th - 11th March 2005. Tokyo, Japan.

NP-050114

Source: CN3
Title: Specific Action AVP update
Agenda item: 9.22
Document for: APPROVAL

Introduction:

This document contains 1 CR to Rel-6 on Work Item "CH-FBC" that have been agreed by TSG CN WG3, and are forwarded to TSG CN Plenary for approval.

WG_tdoc	Spec	CR	R	Cat	Title	Rel	C_Ver	Work Item
N3-050218	29.209	013	3	F	Specific Action AVP update	Rel-6	6.1.0	CH-FBC

CHANGE REQUEST

⌘ **29.209 CR 013** ⌘ rev **3** ⌘ Current version: **6.1.0** ⌘

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:	⌘ Specific Action AVP update		
Source:	⌘ Ericsson		
Work item code:	⌘ CH-FBC	Date:	⌘ 16/02/2005
Category:	⌘ F	Release:	⌘ Rel-6
	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: Ph2 (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) Rel-7 (Release 7)

Reason for change:	⌘ A new values needs to be supported to comply with the Rx requirements stated in LS received from SA2 during the Seoul meeting
Summary of change:	⌘ The value ESTABLISHMENT_OF_BEARER is included
Consequences if not approved:	⌘ A value for this AVP needed by Rx is not specified

Clauses affected:	⌘ 6.5.14										
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> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></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 Test specifications O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N										
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Other comments:	⌘										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

***** FIRST MODIFIED SECTION *****

6.5.14 Specific-Action AVP

The Specific-Action AVP (AVP code 513) is of type Enumerated.

Within a PDF initiated Re-Authorization Request, the Gq-Specific-Action AVP determines the type of the action.

Within an initial AA request the AF may use the Specific-Action AVP to request specific actions from the server at the bearer events and to limit the contact to such bearer events where specific action is required. If the Specific-Action AVP is omitted within the initial AA request, no notification of any of the events defined below is requested.

The following values are defined:

SERVICE_INFORMATION_REQUEST (0)

Within a RAR, this value shall be used when the server requests the service information from the AF for the bearer event. In the AAR, this value indicates that the AF requests the server to demand service information at each bearer authorization.

CHARGING_CORRELATION_EXCHANGE (1)

Within a RAR, this value shall be used when the server reports the access network charging identifier to the AF. The Access-Network-Charging-Identifier AVP shall be included within the request. In the AAR, this value indicates that the AF requests the server to provide an access network charging identifier to the AF at each bearer establishment/modification, when a new access network charging identifier becomes available.

INDICATION_OF_LOSS_OF_BEARER (2)

Within a RAR, this value shall be used when the server reports a loss of a bearer (e.g. in the case of GPRS PDP context bandwidth modification to 0 kbit) to the AF. In the AAR, this value indicates that the AF requests the server to provide a notification at the loss of a bearer.

INDICATION_OF_RECOVERY_OF_BEARER (3)

Within a RAR, this value shall be used when the server reports a recovery of a bearer (e.g. in the case of GPRS, PDP context bandwidth modification from 0 kbit to another value) to the AF. In the AAR, this value indicates that the AF requests the server to provide a notification at the recovery of a bearer.

INDICATION_OF_RELEASE_OF_BEARER (4)

Within a RAR, this value shall be used when the server reports the release of a bearer (e.g. PDP context removal for GPRS) to the AF. In the AAR, this value indicates that the AF requests the server to provide a notification at the removal of a bearer.

INDICATION_OF_ESTABLISHMENT_OF_BEARER (5)

Within a RAR, this value shall be used when the server reports the establishment of a bearer (e.g., PDP context activation for GPRS) to the AF. In the AAR, this value indicates that the AF requests the server to provide a notification at the establishment of a bearer. This value is not used by the Gq Protocol.

***** END OF CHANGES *****