3GPP TSG CN Plenary Meeting #15 6th – 8th March 2002. Cheju, Korea.

Source: TSG CN WG3

Title: CR to R97 (with mirror CRs) on Work Item GPRS

Agenda item: 7.12

Document for: APPROVAL

Introduction:

This document contains **5** CRs on **R97 (with mirror CRs)** to Work Item **"GPRS"**, that have been agreed by **TSG CN WG3**, and are forwarded to TSG CN Plenary meeting #15 for approval.

Doc-2nd-	Subject	Spec	CR	Rev	Cat	Phase	Versio	Workitem
N3-020075	Change of associated attribute for 3GPP-NSAPI	09.61	A031		F	R97	6.6.0	GPRS
N3-020076	Change of associated attribute for 3GPP-NSAPI	09.61	A032		Α	R98	7.5.0	GPRS
N3-020077	Change of associated attribute for 3GPP-NSAPI	29.061	037		Α	R99	3.8.0	GPRS
N3-020078	Change of associated attribute for 3GPP-NSAPI	29.061	038		Α	Rel-4	4.3.0	GPRS
N3-020079	Change of associated attribute for 3GPP-NSAPI	29.061	039		Α	Rel-5	5.0.0	GPRS

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Proposed change	e affects: #	(U)SIM ME	E/UE Radio /	Access Network	Core Network
Title:	Change €	of associated attribut	e for 3GPP-NSAP	P	
Source:	₩ TSG_CN	I WG3			
Work item code:	₩ GPRS			Date: ₩ 2	24-01-02
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Summary of chai	to A	nged the associated ccounting-Request Sounting-Request Interporting text.	TOP. Additionally	, as an editorial, i	ncluded the
Consequences if not approved:	# Inco	prect implementation	of 3GPP Vendor	specific sub-attrib	oute 3GPP-NSAPI
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Other specs affected:	ж <mark> </mark>	Other core specifications Other specifications Other specifications	ons #		
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How to create CRs using this form:

- 1) Fill out the above form. The symbols above marked \$\mathbb{x}\$ contain pop-up help information about the field that they are closest to.
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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.

16.4.7 Sub-attributes of the 3GPP Vendor-Specific attribute

Table 7: The sub-attributes of the 3GPP Vendor-Specific attribute of the Access-Request, Accounting-Request START, and Accounting-Request STOP and Accounting-Request Interim-Update messages

Sub-attr #	Sub-attribute Name	Description	Presence Requirement	Associated attribute (Location of Sub-attr)
1	3GPP-IMSI	IMSI for this user	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
2	3GPP-Charging-Id	Charging ID for this PDP Context (this together with the GGSN-Address constitutes a unique identifier for the PDP context).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
3	3GPP-PDP Type	Type of PDP context, i.e. IP	Conditional (mandatory if attribute 7 is present)	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
4	3GPP-CG-Address	Charging Gateway IP address	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
5	3GPP-GPRS-QoS-Profile	QoS profile received	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
6	3GPP-SGSN-Address	SGSN IP address that is used by the GTP control plane for the handling of control messages. It may be used to identify the PLMN to which the user is attached.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
7	3GPP-GGSN-Address	GGSN IP address that is used by the GTP control plane for the context establishment. It is the same as the GGSN IP address used in the GCDRs.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
8	3GPP-IMSI-MCC-MNC	MCC and MNC extracted from the user's IMSI (first 5 or 6 digits, as applicable from the presented IMSI).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
9	3GPP-GGSN- MCC-MNC	MCC-MNC of the network the GGSN belongs to.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

10	3GPP-NSAPI	Identifies a particular PDP context for the associated PDN and MSISDN/IMSI from creation to deletion.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Access- Request STOP Accounting-Request Interim-Update
11	3GPP- Session-Stop- Indicator	Indicateds to the AAA server that the last PDP context of a session is released and that the PDP session has been terminated.	Optional	Accounting Request STOP
12	3GPP- Selection-Mode	Contains the Selection mode for this PDP Context received in the Create PDP Context Request Message	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

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How to create CRs using this form:

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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.	of O

16.4.7 Sub-attributes of the 3GPP Vendor-Specific attribute

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Sub-attr#	Sub-attribute Name	Description	Presence Requirement	Associated attribute (Location of Sub-attr)
1	3GPP-IMSI	IMSI for this user	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
2	3GPP-Charging-Id	Charging ID for this PDP Context (this together with the GGSN-Address constitutes a unique identifier for the PDP context).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
3	3GPP-PDP Type	Type of PDP context, e.g. IP or PPP	Conditional (mandatory if attribute 7 is present)	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
4	3GPP-CG-Address	Charging Gateway IP address	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
5	3GPP-GPRS-QoS-Profile	QoS profile received	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
6	3GPP-SGSN-Address	SGSN IP address that is used by the GTP control plane for the handling of control messages. It may be used to identify the PLMN to which the user is attached.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
7	3GPP-GGSN-Address	GGSN IP address that is used by the GTP control plane for the context establishment. It is the same as the GGSN IP address used in the GCDRs.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
8	3GPP-IMSI-MCC-MNC	MCC and MNC extracted from the user's IMSI (first 5 or 6 digits, as applicable from the presented IMSI).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
9	3GPP-GGSN- MCC-MNC	MCC-MNC of the network the GGSN belongs to.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

10	3GPP-NSAPI	Identifies a particular PDP context for the associated PDN and MSISDN/IMSI from creation to deletion.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Access- Request STOP Accounting-Request Interim-Update
11	3GPP- Session-Stop- Indicator	Indicateds to the AAA server that the last PDP context of a session is released and that the PDP session has been terminated.	Optional	Accounting Request STOP
12	3GPP- Selection-Mode	Contains the Selection mode for this PDP Context received in the Create PDP Context Request Message	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
13	3GPP-Charging- Characteristics	Contains the charging characteristics for this PDP Context received in the Create PDP Context Request Message (only available in R99 and later releases)	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

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Sub-attr#	Sub-attribute Name	Description	Presence Requirement	Associated attribute (Location of Sub-attr)
1	3GPP-IMSI	IMSI for this user	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
2	3GPP-Charging-Id	Charging ID for this PDP Context (this together with the GGSN-Address constitutes a unique identifier for the PDP context).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
3	3GPP-PDP Type	Type of PDP context, e.g. IP or PPP	Conditional (mandatory if attribute 7 is present)	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
4	3GPP-CG-Address	Charging Gateway IP address	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
5	3GPP-GPRS-QoS-Profile	QoS profile received	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
6	3GPP-SGSN-Address	SGSN IP address that is used by the GTP control plane for the handling of control messages. It may be used to identify the PLMN to which the user is attached.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
7	3GPP-GGSN-Address	GGSN IP address that is used by the GTP control plane for the context establishment. It is the same as the GGSN IP address used in the GCDRs.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
8	3GPP-IMSI-MCC-MNC	MCC and MNC extracted from the user's IMSI (first 5 or 6 digits, as applicable from the presented IMSI).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
9	3GPP-GGSN- MCC-MNC	MCC-MNC of the network the GGSN belongs to.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

10	3GPP-NSAPI	Identifies a particular PDP context for the associated PDN and MSISDN/IMSI from creation to deletion.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Access- Request STOP Accounting-Request Interim-Update
11	3GPP- Session-Stop- Indicator	Indicateds to the AAA server that the last PDP context of a session is released and that the PDP session has been terminated.	Optional	Accounting Request STOP
12	3GPP- Selection-Mode	Contains the Selection mode for this PDP Context received in the Create PDP Context Request Message	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
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16.4.7 Sub-attributes of the 3GPP Vendor-Specific attribute

Table 7: The sub-attributes of the 3GPP Vendor-Specific attribute of the Access-Request, Accounting-Request START, and Accounting-Request STOP and Accounting-Request Interim-Update messages

Sub-attr #	Sub-attribute Name	Description	Presence Requirement	Associated attribute (Location of Sub-attr)	
1	3GPP-IMSI	IMSI for this user	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
2	3GPP-Charging-Id	Charging ID for this PDP Context (this together with the GGSN-Address constitutes a unique identifier for the PDP context).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
3	3GPP-PDP Type	Type of PDP context, e.g. IP or PPP	Conditional (mandatory if attribute 7 is present)	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
4	3GPP-CG-Address	Charging Gateway IP address	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
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7	3GPP-GGSN-Address	GGSN IP address that is used by the GTP control plane for the context establishment. It is the same as the GGSN IP address used in the GCDRs.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
8	3GPP-IMSI-MCC-MNC	MCC and MNC extracted from the user's IMSI (first 5 or 6 digits, as applicable from the presented IMSI).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update	
9	3GPP-GGSN- MCC-MNC	MCC-MNC of the network the GGSN belongs to.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request	

				Interim-Update
10	3GPP-NSAPI	Identifies a particular PDP context for the associated PDN and MSISDN/IMSI from creation to deletion.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Access- Request STOP Accounting-Request Interim-Update
11	3GPP- Session-Stop- Indicator	Indicateds to the AAA server that the last PDP context of a session is released and that the PDP session has been terminated.	Optional	Accounting Request STOP
12	3GPP- Selection-Mode	Contains the Selection mode for this PDP Context received in the Create PDP Context Request Message	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
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Other comments:	\mathfrak{H}						

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16.4.7 Sub-attributes of the 3GPP Vendor-Specific attribute

Table 7: The sub-attributes of the 3GPP Vendor-Specific attribute of the Access-Request, Accounting-Request START, and Accounting-Request STOP and Accounting-Request Interim-Update messages

Sub-attr #	Sub-attribute Name	Description	Presence Requirement	Associated attribute (Location of Sub-attr)
1	3GPP-IMSI	IMSI for this user	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
2	3GPP-Charging-Id	Charging ID for this PDP Context (this together with the GGSN-Address constitutes a unique identifier for the PDP context).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
3	3GPP-PDP Type	Type of PDP context, e.g. IP or PPP	Conditional (mandatory if attribute 7 is present)	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
4	3GPP-CG-Address	Charging Gateway IP address	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
5	3GPP-GPRS-QoS-Profile	QoS profile received	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
6	3GPP-SGSN-Address	SGSN IP address that is used by the GTP control plane for the handling of control messages. It may be used to identify the PLMN to which the user is attached.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
7	3GPP-GGSN-Address	GGSN IP address that is used by the GTP control plane for the context establishment. It is the same as the GGSN IP address used in the GCDRs.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
8	3GPP-IMSI-MCC-MNC	MCC and MNC extracted from the user's IMSI (first 5 or 6 digits, as applicable from the presented IMSI).	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update
9	3GPP-GGSN- MCC-MNC	MCC-MNC of the network the GGSN belongs to.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update

10	3GPP-NSAPI	Identifies a particular PDP context for the associated PDN and MSISDN/IMSI from creation to deletion.	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Access- Request STOP Accounting-Request Interim-Update
11	3GPP- Session-Stop- Indicator	Indicateds to the AAA server that the last PDP context of a session is released and that the PDP session has been terminated.	Optional	Accounting Request STOP
12	3GPP- Selection-Mode	Contains the Selection mode for this PDP Context received in the Create PDP Context Request Message	Optional	Access-Request, Accounting-Request START, Accounting- Request STOP, Accounting-Request Interim-Update