3GPP TSG CN Plenary Meeting #21 **NP-030383**
17th – 19th September 2003 Frankfurt, GERMANY.

Source: TSG CN WG4

Title: Corrections on Cx/Dx interfaces

Agenda item: 8.1

Document for: APPROVAL

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
29.228	051	2	N4-030995	Rel-5	Mistakes in the XML schema of 29.228-540	F	5.4.0
29.228	042	3	N4-030997	Rel-5	Error in S-CSCF Assignment Type	F	5.4.0
29.228	055	1	N4-030998	Rel-5	Extensibility of the public identity structure in the XML schema	F	5.4.0
29.229	022	1	N4-030999	Rel-5	Critical Correction on the PPR command code	F	5.4.0
29.328	032	2	N4-031000	Rel-5	Correction of message flow	F	5.4.0
29.328	035	2	N4-031002	Rel-5	Mistakes in the XML schema	F	5.4.0
29.328	033	2	N4-031067	Rel-5	Correction of Sh data definition in Annex C and D	F	5.4.0

3GPP TSG CN WG4 Meeting #20 ***N4-030997***
Sophia Antipolis, FRANCE, 25th – 29th August 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.228** **CR** **042** ⌘**rev** **3** ⌘ Current version: **5.4.0** ⌘

*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:	⌘	Error in S-CSCF Assignment Type
Source:	⌘	CN4
Work item code:	⌘	IMS-CCR
Date:	⌘	26/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one 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 one 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:	⌘	To correct an inconsistency in chapter 8.1.2 Critical correction
Summary of change:	⌘	Move the description and add clarification for Error in S-CSCF Assignment Type to a new chapter
Consequences if not approved:	⌘	Inconsistency in chapter 8.1.2 which may lead to incompatibility problems

Clauses affected:	⌘	6.1.2.1, 8.1, 8.1.2, 8.1.3 (new)
Other specs affected:	⌘	Y / N ☐ / ☒ Other core specifications ☐ / ☒ Test specifications ☐ / ☒ O&M Specifications
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.

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6.1.2.1 Detailed behaviour

On registering/deregistering a public identity the S-CSCF shall inform the HSS. The same procedure is used by the S-CSCF to get the user profile. The relevant user profile downloaded is described in more detailed in the section 6.6. The HSS holds information about the state of registration of all the identities of the user. The S-CSCF uses this procedure to update such state. The HSS shall, in the following order (in case of an error in any of the steps the HSS shall stop processing and return the corresponding error code, see 3GPP TS 29.229 [5]):

1. Check that the user is known. If not Experimental-Result-Code shall be set to DIAMETER_ERROR_USER_UNKNOWN.

2. The HSS may check whether the private and public identities received in the request belong to the same user. If not Experimental-Result-Code shall be set to DIAMETER_ERROR_IDENTITIES_DONT_MATCH.

3. Check the Server Assignment Type value received in the request:

   - If it indicates REGISTRATION or RE_REGISTRATION, the HSS shall download the relevant user public identity information. If set, the flag that indicates that the identity is pending of the confirmation of the authentication shall be cleared. The Result-Code shall be set to DIAMETER_SUCCESS.

     Only one identity shall be present in the request. If more than one identity is present the Result-Code shall be set to DIAMETER_AVP_OCCURS_TOO_MANY_TIMES and no user information shall be returned.

   - If it indicates UNREGISTERED_USER, the HSS shall store the S-CSCF name, set the registration state of the public identity as unregistered, i.e. registered as a consequence of a terminating call and download the relevant user public identity information. The Result-Code shall be set to DIAMETER_SUCCESS.

     Only one identity shall be present in the request. If more than one identity is present the Result-Code shall be set to DIAMETER_AVP_OCCURS_TOO_MANY_TIMES and the modifications specified in the previous paragraph shall not be performed.

   - If it indicates TIMEOUT_DEREGISTRATION, USER_DEREGISTRATION, DEREGISTRATION_TOO_MUCH_DATA or ADMINISTRATIVE_DEREGISTRATION, the HSS shall clear the S-CSCF name for all the public identities that the S-CSCF indicated in the request and set the registration state of the identities as not registered. If no public identity is present in the request, the private identity shall be present; the HSS shall clear the S-CSCF name for all the identities of the user and set their registration state to not registered. The Result-Code shall be set to DIAMETER_SUCCESS.

   - If it indicates TIMEOUT_DEREGISTRATION_STORE_SERVER_NAME or USER_DEREGISTRATION_STORE_SERVER_NAME the HSS decides whether to keep the S-CSCF name stored or not for all the public identities that the S-CSCF indicated in the request and set the registration state of the identities as unregistered. If no public identity is present in the request, the private identity shall be present. If the HSS decided to keep the S-CSCF name stored the HSS keeps the S-CSCF name stored for all the identities of the user and set their registration state to unregistered.

     If the HSS decides to keep the S-CSCF name the Result-Code shall be set to DIAMETER_SUCCESS.

     If the HSS decides not to keep the S-CSCF name the Result-Code shall be set to DIAMETER_SUCCESS_SERVER_NAME_NOT_STORED.

   - If it indicates NO_ASSIGNMENT, the HSS checks whether the user is assigned for the S-CSCF requesting the data and download the user public identity information requested in the User-Data-Request-Type AVP. The Result-Code shall be set to DIAMETER_SUCCESS. If the requesting S-CSCF is not the same as the assigned S-CSCF, the Result-Code shall be set to DIAMETER_UNABLE_TO COMPLY.

   - If it indicates AUTHENTICATION_FAILURE or AUTHENTICATION_TIMEOUT, the HSS shall clear the S-CSCF name for the public identity that the S-CSCF indicated in the request and set the registration state of the identity as not registered. The flag that indicates that the identity is pending of the confirmation of the authentication shall be cleared. The Result-Code shall be set to DIAMETER_SUCCESS.

Only one identity shall be present in the request. If more than one identity is present the Result-Code shall be set to DIAMETER_AVP_OCCURS_TOO_MANY_TIMES and the modifications specified in the previous paragraph shall not be performed.

See chapter 8.1.2 and 8.1.3 for the description of the handling of the error situations: reception of an S-CSCF name different from the one stored in the HSS and reception of a Server-Assignment-Type value not compatible with the registration state of the user.

.....

8 Error handling procedures

8.1 Registration error cases

This section describes the handling of ~~the~~ error cases, which can occur during the registration process~~, by which the name of the S-CSCF received in a request is different from the one stored in HSS~~. ~~When these errors are related to the name of the S-CSCF name, the following principle applies: if the new and previously assigned S-CSCFs are different, the HSS shall not overwrite the S-CSCF name unless it is sent in the Multimedia-Auth-Request command but send a response to the S-CSCF indicating error.~~ If the new and previously assigned S-CSCF names sent in the Multimedia-Auth-Request command are different, then the HSS shall overwrite the S-CSCF name.

If the new and previously assigned S-CSCF names sent in a command other than the Multimedia-Auth-Request command are different, then the HSS shall not overwrite the S-CSCF name; instead it shall send a response to the S-CSCF indicating an error.

8.1.1 Cancellation of the old S-CSCF

It is possible that in certain situations the HSS receives a Multimedia-Auth-Request (MAR) command including a S-CSCF name, which is not the same as the previously assigned S-CSCF for the user. This can happen e.g. in case the new S-CSCF is selected due to a failure in the re-registration if the previously assigned S-CSCF does not respond to REGISTER message sent from the I-CSCF after a timeout.

In this case the new S-CSCF is assigned for the user and if registrations in the previously assigned S-CSCF exist for the user, these registrations in the old S-CSCF are handled locally in the old S-CSCF, e.g. re-registration timers in the old S-CSCF shall cancel the registrations. Alternatively, the HSS may de-register the registrations in the old S-CSCF by using the Registration-Termination-Request command. In this case the de-registration must be done in the following order:

1. Deregistration-Reason AVP value set to NEW_SERVER_ASSIGNED, for the public identity, which is registered in the new S-CSCF.

2. Deregistration-Reason AVP value set to SERVER_CHANGE, for the user public identities, which are not registered in the new S-CSCF.

8.1.2 Error in S-CSCF name

~~If the new and previously assigned S-CSCFs are different, then:~~

~~if the S-CSCF name is sent in the Multimedia-Auth-Request command, the HSS shall not overwrite the S-CSCF name;~~

~~if~~ If the S-CSCF name ~~unless it is not~~ sent in the ~~Multimedia-Auth~~Server-Assignment-Request command and the previously assigned S-CSCF name stored in the HSS are different, then, the HSS shall not overwrite the S-CSCF name; instead it shall ~~but~~ send a response to the S-CSCF with~~indicating error~~ ~~T~~the Experimental-Result-Code value ~~is~~ set to~~:~~ DIAMETER_ERROR_IDENTITY_ALREADY_REGISTERED.

~~DIAMETER_ERROR_IDENTITY_ALREADY_REGISTERED if the S-CSCF name sent in the Server-Assignment-Request command is different than assigned S-CSCF name, and therefore the request cannot be successfully processed.~~

8.1.3 Error in S-CSCF assi~~n~~gnment type

If the Server-Assignment-Type ~~sent~~ in the Server-Assignment-Request command sent by the S-CSCF to the HSS is not allowed, e.g. ~~because the user is registered and the S-CSCF sends Server-Assignment-Request indicating the assignment for the unregistered user~~Server-Assignment-Type set to UNREGISTERED_USER for a user already registered, the HSS shall send a response to the S-CSCF with the Experimental-Result-Code value set to DIAMETER_ERROR_IN_ASSIGNMENT_TYPE.

~~— DIAMETER_ERROR_IN_ASSIGNMENT_TYPE if the S-CSCF name sent in the Server-Assignment-Request command is the same S-CSCF name as the assigned S-CSCF name, but Server-Assignment-Type is not allowed, e.g. the user is registered and the S-CSCF sends Server-Assignment-Request indicating the assignment for the unregistered user.~~

3GPP TSG CN WG4 Meeting #20 **N4-030995**
Sophia Antipolis, FRANCE, 25th – 29th August 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.228** **CR** **051** ⌘ **rev** **2** ⌘ Current version: **5.4.0** ⌘

*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:	⌘	Mistakes in the XML schema of 29.228-540
Source:	⌘	CN4
Work item code:	⌘	IMS-CCR
Date:	⌘	29/07/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
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C *(functional modification of feature)*
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R96	*(Release 1996)*
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R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Critical correction: In the XML Schema: CxDataType.xsd a mistake is related to the definition of some *complex* types. Complex types may contain a line such as: <xs:any namespace="##Other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>. But according to http://www.w3.org/TR/xmlschema-0/ in table4, the value of the namespace cannot be "##Other" but has to be "##other"(with a lower case 'o'). This is not going to make the program crash, but it triggers some warnings when checking the validity of the schema (using xsv XML Schema checker for instance)
Summary of change:	⌘	Replace all occurrences of "##Other" by "##other".
Consequences if not approved:	⌘	Invalide XML Schema, can't be used by standard XML checker.

Clauses affected:	⌘	CxDataType.xsd

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments:	⌘	

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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.

********** MODIFICATION **********

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:simpleType name="tPriority" final="list restriction">
        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="tGroupID" final="list restriction">
        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="tDefaultHandling" final="list restriction">
        <xs:restriction base="xs:unsignedByte">
            <xs:maxInclusive value="1"/>
            <xs:enumeration value="0">
                <xs:annotation>
                    <xs:documentation>
                        <label xml:lang="en">SESSION_CONTINUED</label>
                        <definition xml:lang="en">Session Continued</definition>
                    </xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="1">
                <xs:annotation>
                    <xs:documentation>
                        <label xml:lang="en">SESSION_TERMINATED</label>
                        <definition xml:lang="en">Session Terminated</definition>
                    </xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
```

```
</xs:simpleType>
<xs:simpleType name="tDirectionOfRequest" final="list restriction">
    <xs:restriction base="xs:unsignedByte">
        <xs:maxInclusive value="3"/>
        <xs:enumeration value="0">
            <xs:annotation>
                <xs:documentation>
                    <label xml:lang="en">ORIGINATING_SESSION</label>
                    <definition xml:lang="en">Originating Session</definition>
                </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="1">
            <xs:annotation>
                <xs:documentation>
                    <label xml:lang="en">TERMINATING_SESSION</label>
                    <definition xml:lang="en">Terminating Session</definition>
                </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="2">
            <xs:annotation>
                <xs:documentation>
                    <label xml:lang="en">TERMINATING_UNREGISTERED</label>
                    <definition xml:lang="en">Terminating Session for unregistered user</definition>
                </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="tPrivateID" final="list restriction">
    <xs:restriction base="xs:anyURI"/>
</xs:simpleType>
<xs:simpleType name="tSIP_URL" final="list restriction">
    <xs:restriction base="xs:anyURI"/>
```

```
</xs:simpleType>
<xs:simpleType name="tTEL_URL" final="list restriction">
    <xs:restriction base="xs:anyURI"/>
</xs:simpleType>
<xs:simpleType name="tIdentity" final="list restriction">
    <xs:union memberTypes="tSIP_URL tTEL_URL"/>
</xs:simpleType>
<xs:simpleType name="tServiceInfo" final="list restriction">
    <xs:restriction base="xs:string">
        <xs:minLength value="0"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="tString" final="list restriction">
    <xs:restriction base="xs:string">
        <xs:minLength value="0"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="tBool">
    <xs:restriction base="xs:boolean"/>
</xs:simpleType>
<xs:simpleType name="tSubscribedMediaProfileId" final="list restriction">
    <xs:restriction base="xs:int">
        <xs:minInclusive value="0"/>
    </xs:restriction>
</xs:simpleType>
<xs:complexType name="tIMSSubscription">
    <xs:sequence>
        <xs:element name="PrivateID" type="tPrivateID"/>
        <xs:element name="ServiceProfile" type="tServiceProfile" maxOccurs="unbounded"/>
        <xs:any namespace="##oOther" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="tServiceProfile">
    <xs:sequence>
        <xs:element name="PublicIdentity" type="tPublicIdentity" maxOccurs="unbounded"/>
```

```
            <xs:element name="CoreNetworkServicesAuthorization" type="tCoreNetworkServicesAuthorization"
minOccurs="0"/>
            <xs:element name="InitialFilterCriteria" type="tInitialFilterCriteria" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:any namespace="##oOther" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="tCoreNetworkServicesAuthorization">
        <xs:sequence>
            <xs:element name="SubscribedMediaProfileId" type="tSubscribedMediaProfileId" minOccurs="0"/>
            <xs:any namespace="##oOther" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="tInitialFilterCriteria">
        <xs:sequence>
            <xs:element name="Priority" type="tPriority"/>
            <xs:element name="TriggerPoint" type="tTrigger" minOccurs="0"/>
            <xs:element name="ApplicationServer" type="tApplicationServer"/>
            <xs:any namespace="##Other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="tTrigger">
        <xs:sequence>
            <xs:element name="ConditionTypeCNF" type="tBool"/>
            <xs:element name="SPT" type="tSePoTri" maxOccurs="unbounded"/>
            <xs:any namespace="##oOther" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
    <xs:complexType name="tSePoTri">
        <xs:sequence>
            <xs:element name="ConditionNegated" type="tBool" default="0" minOccurs="0"/>
            <xs:element name="Group" type="tGroupID" maxOccurs="unbounded"/>
            <xs:choice>
                <xs:element name="RequestURI" type="tString"/>
                <xs:element name="Method" type="tString"/>
                <xs:element name="SIPHeader" type="tHeader"/>
```

```
            <xs:element name="SessionCase" type="tDirectionOfRequest"/>
            <xs:element name="SessionDescription" type="tSessionDescription"/>
        </xs:choice>
        <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="tHeader">
    <xs:sequence>
        <xs:element name="Header" type="tString"/>
        <xs:element name="Content" type="tString" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="tSessionDescription">
    <xs:sequence>
        <xs:element name="Line" type="tString"/>
        <xs:element name="Content" type="tString" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="tApplicationServer">
    <xs:sequence>
        <xs:element name="ServerName" type="tSIP_URL"/>
        <xs:element name="DefaultHandling" type="tDefaultHandling" minOccurs="0"/>
        <xs:element name="ServiceInfo" type="tServiceInfo" minOccurs="0"/>
        <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="tPublicIdentity">
    <xs:sequence>
        <xs:element name="BarringIndication" type="tBool" default="0" minOccurs="0"/>
        <xs:element name="Identity" type="tIdentity"/>
    </xs:sequence>
</xs:complexType>
<xs:element name="IMSSubscription" type="tIMSSubscription"/>
</xs:schema>
```

********** END OF MODIFICATION **********

3GPP TSG CN WG4 Meeting #20 **N4-030998**
Sophia Antipolis, FRANCE, 25th – 29th August 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.228** **CR** **055** ⌘ **rev** **1** ⌘ Current version: **5.4.0** ⌘

*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:	⌘	Extensibility of the public identity structure in the XML schema
Source:	⌘	CN4
Work item code:	⌘	IMS-CCR
Date:	⌘	28/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
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D *(editorial modification)*
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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:	⌘	Critical correction: Currently it is not possible to extend the public identity related information in the XML schema. This prohibits standardised future extensions of the public identity structure and it also prohibits vendors from adding public identity specific proprietary extensions to the user profile. This is also not in line with the notion that all other corresponding structures are extensible in the XML.
Summary of change:	⌘	The public identity structure in the XML schema is made extensible.
Consequences if not approved:	⌘	The vendors that need to add public identity specific extensions to the Cx user profile are forced to make solutions that are incompliant with the standard which is likely to cause interoperability problems sooner or later.

Clauses affected:	⌘	CxDataType.xsd

Other specs affected: ⌘	Y	N	
		X	Other core specifications
		X	Test specifications
		X	O&M Specifications

⌘

Other comments:	⌘	-

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3GPP TSG CN WG4 Meeting #20 **N4-030999**
Sophia Antipolis, FRANCE, 25th – 29th August 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.229** **CR** **022** ⌘ **rev** **1** ⌘ Current version: **5.4.0** ⌘

*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:	⌘	Critical Correction on the PPR command code
Source:	⌘	CN4
Work item code:	⌘	IMS-CCR
Date:	⌘	25/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
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Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Wrong Command Code value in the PPR message
Summary of change:	⌘	Step the Command Code value
Consequences if not approved:	⌘	Overlapping on the PPR and RTA command code values

Clauses affected:	⌘	6.1.11			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
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.

Beginning of modified section

6.1.11 Push-Profile-Request (PPR) Command

The Push-Profile-Request (PPR) command, indicated by the Command-Code field set to 305 and the 'R' bit set in the Command Flags field, is sent by a Diameter Multimedia server to a Diameter Multimedia client in order to update the subscription data of a multimedia user in the Diameter Multimedia client whenever a modification has occurred in the subscription data that constitutes the data used by the client.

Message Format

< Push-Profile-Request > ::= < Diameter Header: ~~304~~305, TBD, REQ >
< Session-Id >
{ Vendor-Specific-Application-Id }
{ Auth-Session-State }
{ Origin-Host }
{ Origin-Realm }
{ Destination-Host }
{ Destination-Realm }
{ User-Name }
{ User-Data }
*[AVP]
*[Proxy-Info]
*[Route-Record]

End of modified section