

Source: TSG CN WG3
Title: CRs to Rel-4 and previous Work Item "TEI"
Agenda item: 7.11
Document for: APPROVAL

Introduction:

This document contains 3 CRs to Rel-4 and prev. on Work Item "TEI" 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 |
|----------------|-------------|-----------|----------|------------|--------------------|------------|--------------|
| N3-040305 | 29.061 | 116 | | F | QoS profile length | Rel-4 | 4.9.0 |
| N3-040306 | 29.061 | 117 | | A | QoS profile length | Rel-5 | 5.8.0 |
| N3-040307 | 29.061 | 118 | | A | QoS profile length | Rel-6 | 6.0.0 |

3GPP TSG- CN3 Meeting #32
Zagreb, 10 May – 14 May 2004

Tdoc ⌘ **N3-040305**

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|---|
| CR-Form-v7 |
| CHANGE REQUEST |
| ⌘ 29.061 CR 116 ⌘ rev - ⌘ Current version: 4.9.0 ⌘ |

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: | ⌘ Length of QoS profile |
| Source: | ⌘ TSG_CN WG3 |
| Work item code: | ⌘ TEI Date: ⌘ 14/05/2004 |
| Category: | ⌘ F Release: ⌘ Rel-4 Use <u>one</u> of the following categories: Use <u>one</u> of the following releases: F (correction) 2 (GSM Phase 2) A (corresponds to a correction in an earlier release) R96 (Release 1996) B (addition of feature), R97 (Release 1997) C (functional modification of feature) R98 (Release 1998) D (editorial modification) R99 (Release 1999) Detailed explanations of the above categories can Rel-4 (Release 4) be found in 3GPP TR 21.900 . Rel-5 (Release 5) Rel-6 (Release 6) |

| | |
|--------------------------------------|--|
| Reason for change: | ⌘ For the GPRS Negotiated QoS Profile subattribute in the Radius interface the length indication (L) is missing for Rel-4. |
| Summary of change: | ⌘ L is specified for Rel-4 |
| Consequences if not approved: | ⌘ Incomplete attribute definition for Rel-4 |

| | | | | | | | | | | |
|-------------------------------------|---|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| Clauses affected: | ⌘ 16.4.7 | | | | | | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> | Y | N | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘ |
| | Y | N | | | | | | | | |
| | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | |
| 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.

Start of modifications

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

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5 - 3GPP-GPRS Negotiated QoS profile

| | Bits | | | | | | | |
|--------|---------------------------|---|---|---|---|---|---|---|
| Octets | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | 3GPP type = 5 | | | | | | | |
| 2 | 3GPP Length= L | | | | | | | |
| 3 -L | UTF-8 encoded QoS profile | | | | | | | |

3GPP Type: 5

Length: 27 ([release 4 or](#) release 99) or 11 (release 98)

QoS profile value: Text

UTF-8 encoded QoS profile syntax:

"<Release indicator> – <release specific QoS IE UTF-8 encoding>"

<Release indicator> = UTF-8 encoded number :

"98" = Release 98

"99" = Release 99 [or release 4](#)

<release specific QoS profile UTF-8 encoding> = UTF-8 encoded QoS profile for the release indicated by the release indicator.

The UTF-8 encoding of a QoS IE is defined as follows: each octet is described by 2 UTF-8 encoded digits, defining its hexadecimal representation. The QoS profile definition is in 3GPP TS 24.008 [23].

The release 98 QoS profile data is 3 octets long, which then results in a 6 octets UTF-8 encoded string,

The release 99 [and the release 4](#) QoS profile data is 11 octets long, which results in a 22 octets UTF-8 encoded string.

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End of modifications

3GPP TSG- CN3 Meeting #32
Zagreb, 10 May – 14 May 2004

Tdoc ⌘ **N3-040306**

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| CR-Form-v7 |
| CHANGE REQUEST |
| ⌘ 29.061 CR 117 ⌘ rev - ⌘ Current version: 5.8.0 ⌘ |

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: | ⌘ Length of QoS profile | | | | |
| Source: | ⌘ TSG_CN WG3 | | | | |
| Work item code: | ⌘ TEI | Date: | ⌘ 14/05/2004 | | |
| Category: | ⌘ A | Release: | ⌘ Rel-5 | | |
| | Use <u>one</u> of the following categories: | | Use <u>one</u> of the following releases: | | |
| | F (correction) | | 2 (GSM Phase 2) | | |
| | A (corresponds to a correction in an earlier release) | | R96 (Release 1996) | | |
| | B (addition of feature), | | R97 (Release 1997) | | |
| | C (functional modification of feature) | | R98 (Release 1998) | | |
| | D (editorial modification) | | R99 (Release 1999) | | |
| | Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Rel-4 (Release 4) | | |
| | | | Rel-5 (Release 5) | | |
| | | | Rel-6 (Release 6) | | |

| | |
|--------------------------------------|--|
| Reason for change: | ⌘ For the GPRS Negotiated QoS Profile subattribute in the Radius interface the length indication (L) is missing for Rel-4. |
| Summary of change: | ⌘ L is specified for Rel-4. |
| Consequences if not approved: | ⌘ Incomplete attribute definition for Rel-4. |

| | | | | | | | | | |
|-------------------------------------|--|---|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Clauses affected: | ⌘ 16.4.7 | | | | | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘ | Y | N | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| 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.

| |
|----------------------|
| End of modifications |
|----------------------|

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

<... skipped text ... >

5 - 3GPP-GPRS Negotiated QoS profile

| | Bits | | | | | | | |
|--------|---------------------------|---|---|---|---|---|---|---|
| Octets | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | 3GPP type = 5 | | | | | | | |
| 2 | 3GPP Length= L | | | | | | | |
| 3 -L | UTF-8 encoded QoS profile | | | | | | | |

3GPP Type: 5

Length: $L \leq 33$ (release 5) or $L \leq 27$ ([release 4 or](#) release 99) or $L = 11$ (release 98)

QoS profile value: Text

UTF-8 encoded QoS profile syntax:

"<Release indicator> – <release specific QoS IE UTF-8 encoding>"

<Release indicator> = UTF-8 encoded number :

"98" = Release 98

"99" = Release 99 [or release 4](#)

"05" = Release 5

<release specific QoS profile UTF-8 encoding> = UTF-8 encoded QoS profile for the release indicated by the release indicator.

The UTF-8 encoding of a QoS IE is defined as follows: each octet is described by 2 UTF-8 encoded digits, defining its hexadecimal representation. The QoS profile definition is in 3GPP TS 24.008 [54].

The release 98 QoS profile data is 3 octets long, which then results in a 6 octets UTF-8 encoded string.

The release 99 [and release 4](#) QoS profile data is 11 octets long, which results in a 22 octets UTF-8 encoded string.

The release 5 QoS profile data is 14 octets long, which results in a 28 octets UTF-8 encoded string.

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| |
|----------------------|
| End of modifications |
|----------------------|

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| CR-Form-v7 |
| CHANGE REQUEST |
| № 29.061 CR 118 № rev - № Current version: 6.0.0 № |

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: | № | Length of QoS profile | |
| Source: | № | TSG_CN WG3 | |
| Work item code: | № | TEI | Date: № 14/05/2004 |
| Category: | № | A | 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: 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: | № | For the GPRS Negotiated QoS Profile subattribute in the Radius interface the length indication (L) is missing for Rel-4 and Rel-6. |
| Summary of change: | № | L is specified for Rel-4 and Rel-6 |
| Consequences if not approved: | № | Incomplete attribute definition for Rel-4 and Rel-6. |

| | | | | | | |
|------------------------------|-------------------------------------|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Clauses affected: | № | 16.4.7 | | | | |
| Other specs affected: | № | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="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 | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | |
| | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | |
| | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | |
| Other comments: | № | | | | | |

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Start of modifications

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

<...skipped text...>

5 - 3GPP-GPRS Negotiated QoS profile

| | Bits | | | | | | | |
|--------|---------------------------|---|---|---|---|---|---|---|
| Octets | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | 3GPP type = 5 | | | | | | | |
| 2 | 3GPP Length= L | | | | | | | |
| 3 -L | UTF-8 encoded QoS profile | | | | | | | |

3GPP Type: 5

Length: L ≤ 33 (release 5 [or higher](#)) or L ≤ 27 ([release 4 or](#) release 99) or L = 11 (release 98)

QoS profile value: Text

UTF-8 encoded QoS profile syntax:

"<Release indicator> – <release specific QoS IE UTF-8 encoding>"

<Release indicator> = UTF-8 encoded number :

"98" = Release 98

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<...skipped text ...>

End of modification