| Project | IEEE 802.16 Broadband Wireless Access Working Group < <u>http://ieee802.org/16</u> > | | | |
|------------------------------------|--|--|--|--|
| Title | Global service flows clarifications | | | |
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| Re: | | | | |
| Abstract | Clarify ambiguity in global service flows name definition | | | |
| Purpose | Adopt into P80216_Cor2_D1 | | | |
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Global service flows clarifications

General

In section 6.3.14.4.1, the naming scheme for the global service class names is ambiguous since it uniquely correlates the parameter position with a letter, but Cor2 changes to the parameters actually added parameters with same position identification letter, which causes ambiguity of parsing the name.

The proposed solution uniquely assign position identification letter to a parameter and defines their position within the name.

Specific changes

[In section 6.3.14.4.1, perform the indicated changes to page 121 and 122 of P80216_Cor2_D1, changes are indicated with RED]

Change the third paragraph as indicated:

Global service class name—A rules-based, composite name parsed in eight information fields of format ISBRLSP<u>S1L1S2S3S4S5</u>TR, elements reference extensible look-up tables. Each information field placeholder must be an expressed value obtained from Table 124a, as part of the name <u>depending on values of fields</u> <u>indicating its availability</u>, and <u>mayshall</u> not be omitted.

| 1a | Table 124a—Global service flow class name information field parameters | | | | | |
|-----------|--|----------|---|--|--|--|
| Position | Name | Size | Value | | | |
| | | (bits) | | | | |
| I | Uplink/Downlink indicator | 1 | 0 or 1: | | | |
| | | | 0=uplink; | | | |
| | | | 1=downlink | | | |
| S | Maximum sustained traffic rate | 6 | Extensible look-up Table 124b (value 0b111111 | | | |
| | | | indicates TLV to follow) | | | |
| Ŧ | Traffic indication preference | + | 10 or 1: | | | |
| | - | | 0=No traffic indication; | | | |
| | | | 1=Traffic indication | | | |
| В | Maximum traffic burst | 6 | Extensible look-up Table <u>124b</u> (value 0b111111 | | | |
| | | | indicates TLV to follow) | | | |
| R | Minimum reserved traffic rate | 6 | Extensible look-up Table <u>124b</u> (value 0b111111 | | | |
| | | | indicates TLV to follow) | | | |
| L | Maximum latency | 6 | Extensible look-up Table 124c (value 0b111111 | | | |
| | | | indicates TLV to follow) | | | |
| S | Fixed-length versus variable length | 1 | 0 or 1: | | | |
| | SDU indicator | | 0=variable length; | | | |
| | | | 1=fixed length | | | |
| Р | Paging preference | 1 | 0 or 1: | | | |
| | | | 0 = No paging generation | | | |
| | | | 1 = Paging generation | | | |
| <u>S1</u> | Request/Transmission Policy | <u>8</u> | <u>(Refer to 11.13.12)</u> | | | |
| <u>S2</u> | Uplink Grant Scheduling Type | <u>3</u> | (refer to 11.13.11) | | | |
| | | | <u>1 - Undefined, $2 = BE$, $3 = nrtPS$, $4 = rtPS$,</u> | | | |
| | | | 5 = ertPS, 6 = UGS | | | |

Table 124a—Global service flow class name information field parameters

| | | | This field is included when I=0. |
|---------------------|------------------------------|-------------------------|--|
| Ll | Tolerated Jitter | <u>6</u> | Extensible look-up Table (value 0b111111 indicates TLV to follow). This is available only for Uplink Grant Scheduling Type = ertPS, or UGS. This field is included when I=0 and S2=5 or 6. |
| <u>S</u> | Request/Transmission Policy | <u>8</u> | (Refer to 11.13.12) |
| <u>\$3</u> | Traffic Priority | 3 | (Refer to 11.13.5) This is used only for Uplink Grant Scheduling Type = rtPS, ertPS, nrtPS or BE. This field is included when I=0 and S2=2 or 3 or 4 or 5. |
| <u>84</u> | Unsolicited Grant Interval | <u>6</u> | Extensible look-up Table (value 0b111111 indicates TLV to follow) This is available only for Uplink Grant Scheduling Type = ertPS, or UGS. This field is included when I=0 and S2=5 or 6. |
| <u>\$5</u> | Unsolicited Polling Interval | <u>6</u> | Extensible look-up Table (value 0b111111 indicates TLV to follow). This is available only for Uplink Grant Scheduling Type = rtPS. This field is included when I=0 and S2=4. |
| R | Reserved Padding | 4 <u>5-</u> variable | Shall be set to 0b00000 Padding bits to ensure byte aligned. Shall be set to zero. |