3GPP TSG-RAN WG3 #114bis-e R3-22xxxx

Electronic meeting, January 16th – 27th 2022

Agenda Item: 10.2.1.4

Source: Ericsson

Title: (TP for SON BL CR for TS 36.413): UE History Information for Secondary Node

Document for: Discussion, Decision

# TP for SON BL CR for TS 36.413

<<<<<<<<<<<<<<<<<<<< 1st Change >>>>>>>>>>>>>>>>>>>>

* + - 1. 9.2.1.43a Last Visited E-UTRAN Cell Information

The Last Visited E-UTRAN Cell Information contains information about a cell that is to be used for RRM purposes.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **IE/Group Name** | **Presence** | **Range** | **IE type and reference** | **Semantics description** | **Criticality** | **Assigned Criticality** |
| Global Cell ID | M |  | E-UTRANCGI9.2.1.38 |  | - |  |
| Cell Type | M |  | 9.2.1.66 |  | - |  |
| Time UE stayed in Cell | M |  | INTEGER (0..4095) | The duration of the time the UE stayed in the cell in seconds. If the UE stays in a cell more than 4095s, this IE is set to 4095. | - |  |
| Time UE stayed in Cell Enhanced Granularity | O |  | INTEGER (0..40950) | The duration of the time the UE stayed in the cell in 1/10 seconds. If the UE stays in a cell more than 4095s, this IE is set to 40950. | YES | ignore |
| HO Cause Value | O |  | 9.2.1.3 | The cause for the handover from the E-UTRAN cell. | YES | ignore |
| **Last Visited PSCell List**  |  | *0..<maxnoofPSCellsPerPrimaryCellinUEHistoryInfo>* |  | List of cells configured as PSCells. Most recent PSCell related information is added to the top of the list. | YES | ignore |
| >Last Visited PSCell Information | M |  | 9.2.1.X | The PSCell related information. | YES | ignore |

|  |  |
| --- | --- |
| **Range bound** | **Explanation** |
| maxnoofPSCellsPerPrimaryCellinUEHistoryInfo | Maximum number of last visited PSCell information records that can be reported in the IE. Value is FFS. |

* + - 1. 9.2.1.X Last Visited PSCell Information

The Last Visited PSCell Information may contain cell specific information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **IE/Group Name** | **Presence** | **Range** | **IE type and reference** | **Semantics description** |
| PSCell Information | M |  | 9.2.1.141 |  |
| Time UE Stayed in Cell | M |  | INTEGER (0..40950) | The duration of time the UE stayed in the cell, or set of NR cells with the same NR ARFCN for reference point A, in 1/10 seconds. If the duration is more than 4095s, this IE is set to 40950. |

<<<<<<<<<<<<<<<<<<<< End of 1st Change >>>>>>>>>>>>>>>>>>>>

**-- TEXT OMITTED --**

<<<<<<<<<<<<<<<<<<<< 2nd Change >>>>>>>>>>>>>>>>>>>>

**-- TEXT OMITTED --**

<<<<<<<<<<<<<<<<<<<< 2nd Change >>>>>>>>>>>>>>>>>>>>

LastVisitedPSCellList ::= SEQUENCE (SIZE(1.. maxnoofPSCellsPerPrimaryCellinUEHistoryInfo)) OF LastVisitedPSCellInformation

LastVisitedPSCellInformation :: SEQUENCE {

 pSCellInformation PSCellInformation,

 timeStayedInCell INTEGER (0..40950),

 iE-Extensions ProtocolExtensionContainer { { LastVisitedPSCellInformation-ExtIEs} } OPTIONAL,

 ...

}

LastVisitedPSCellInformation-ExtIEs S1AP-PROTOCOL-EXTENSION ::= {

 ...

}

<<<<<<<<<<<<<<<<<<<< End of Changes >>>>>>>>>>>>>>>>>>>>