Companies providing input to this email discussion are requested to leave contact information below.

|  |  |  |
| --- | --- | --- |
| **Company** | **Delegate name** | **Email address** |
| Lenovo | Lianhai | Wulh5@lenovo.com |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 2 Comments collection

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Company** | **Clause number** | **Original text in CR** | **Suggested modification or comments** | **Rapporteur response** |
| Lenovo | 6.3.2 | ***sl-IndirectPathMaintain***  Indicates that the L2 U2N Remote UE keeps the PC5 connection with its connected L2 U2N Relay UE. | We agreed that an explicit network indication is introduced for direct addition/change/release to indicate remote UE to maintain the PC5 unicast link with the source relay UE during Rel-17 I2D/D2I path switch procedures.  Therefore, we suggest to add ‘during direct path addition, direct path change or direct path release’, which will make it clear as follow.  *Indicates that the L2 U2N Remote UE keeps the PC5 connection with its connected L2 U2N Relay UE during direct path addition, direct path change or direct path release.* |  |
| Lenovo | 6.3.5 | SL-IndirectPathAddChange-r18 ::= SEQUENCE {  sl-IndirectPathRelayUE-Identity-r18 SL-SourceIdentity-r17,  sl-IndirectPathCellIdentity-r18 CellIdentity,  t421-r18 ENUMERATED {ms50, ms100, ms150, ms200, ms500, ms1000, ms2000, ms10000}, | Direct path addition is achieved by indirect-to-direct path switch procedure, where *sl-IndirectPathAddChange* is set to setup in the path switch command from target side. *If sl-IndirectPathMaintain is included, UE does not start T421 (see* 5.3.5.17.2.2*). In this case, T421 can be absent. So, T421 should be optional* |  |
| Lenovo | 6.3.5 | ***sl-IndirectPathRelayUEIdentity***  Indicates the L2 source ID of the L2 U2N Relay UE of SL indirect path. | *If IndirectPathMaintain is included in reconfigurationWithSync, it is used for direct path addition. Therefore, L2 source ID of the L2 U2N Relay UE should be same as source relay UE.*  Indicates the L2 source ID of the L2 U2N Relay UE of SL indirect path. If *IndirectPathMaintain* is included in *reconfigurationWithSync,* L2 source ID of the L2 U2N Relay UE should be same as source relay UE. |  |
| Lenovo | 6.3.2 | SL-PathSwitchConfig-r17 ::= SEQUENCE {  targetRelayUE-Identity-r17 SL-SourceIdentity-r17,  t420-r17 ENUMERATED {ms50, ms100, ms150, ms200, ms500, ms1000, ms2000, ms10000},  ...  } | *Direct path release is achieved by direct-to-indirect path switch procedure, i.e. Rel-17 D2I procedure. If sl-IndirectPathMaintain is included in reconfigurationWithSync, UE does not start T420 (see 5.3.5.5.2). In this case, T420 can be absent. Thus, T420 should be optional.* |  |
| Lenovo | 6.3.2 | ***targetRelayUE-Identity***  Indicates the L2 source ID of the target L2 U2N Relay UE during path switch. | Indicates the L2 source ID of the target L2 U2N Relay UE during path switch. If *IndirectPathMaintain* is included in *reconfigurationWithSync,* L2 source ID of the L2 U2N Relay UE should be same as source relay UE. |  |
| Lenovo | 5.8.9.3 | 3> send *NotificationMessageSidelink* to the peer L2 U2U Remote UE(s) of the end-to-end PC5 connection(s), in accordance with 5.8.9.10.  3> initiate the end-to-end PC5 connection failure related actions as specified in 5.8.9.3a; | 5.8.9.3a-> 5.8.9.3b since it is performed by L2 U2U Relay UE. |  |
| Lenovo | 5.3.5.17.2.3 | 5.3.5.17.2.3 T421 expiry (Indirect path addition/change failure) The UE shall:  1> if T421 expires; or  1> if the (target) L2 U2N Relay UE (i.e., the UE indicated by *sl-IndirectPathRelayUE-Identity* in the received *sl-IndirectPathAddChange*) changes its serving PCell to a different cell from the target cell (i.e. the cell indicated by *sl-IndirectPathCellIdentity* in the received *sl-IndirectPathAddChange*) before path addition or change:  2> if MCG transmission is not suspended:  3> initiate the indirect path failure information procedure as specified in clause 5.7.3c to report indirect path addition/change failure;  2> else:  3> initiate the connection re-establishment procedure as specified in clause 5.3.7; | Rapporteur has the following comment in email.  *Add a T421 stop condition in table 7.1.1 for reception of notification message. -> please note the specific condition is changed to upon indirect path failure procedure because T421 is stopped in that clause.*  According to the input in [AT125][404], most companies think the following case has been supported already. i.e. the procedure for indirect path failure report is triggered upon reception of notification message when T421 is running. Then, UE stops T421 upon initiation of indirect path failure information procedure based on 5.8.9.10.4 and 5.7.3c.2.  The related description for indirect path addition/change failure is missing. See my suggestion below. 5.3.5.17.2.3 T421 expiry (Indirect path addition/change failure) The UE shall:   1. if T421 expires; or 2. upon reception of notificationMessageSidelink message when T421 is running.   1> if the (target) L2 U2N Relay UE (i.e., the UE indicated by *sl-IndirectPathRelayUE-Identity* in the received *sl-IndirectPathAddChange*) changes its serving PCell to a different cell from the target cell (i.e. the cell indicated by *sl-IndirectPathCellIdentity* in the received *sl-IndirectPathAddChange*) before path addition or change:  2> if MCG transmission is not suspended:  3> initiate the indirect path failure information procedure as specified in clause 5.7.3c to report indirect path addition/change failure;  2> else:  3> initiate the connection re-establishment procedure as specified in clause 5.3.7; |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |