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| --- | --- | --- | --- | --- | --- |
| KI# | Conclusion | TS 23.501 | TS 23.502 | TS 23.503 | Volunteer |
| KI#1 | Add new parameters in N4 capabilities and UPF profile:* The functionality of NAT information exposure;
* Packet Inspection functionality (to differentiate between IP or MAC filter based packet detection, and the packet detection based on other means, e.g. layer 7 DPI)
 | 5.8?6.2.36.3.3.3 | 4.4?4.17.6.15.2.7.2.2?5.2.7.3.2 |  | Rakuten Mobile；China MobileHuaweETRINokiaSamsung |
| Add new parameters in N4 capabilities and UPF profile:* operator configurable parameters
 | 5.8?6.2.36.3.3.3 | 4.4?4.17.6.15.2.7.2.2?5.2.7.3.2 |  | Rakuten Mobile (for UPF Profile Part)China MobileHuaweiETRINokiaSK Telecom (for operator configurable parameter)Samsung |
| Add new parameters in UE subscription information* required and/or preferred UPF functionalities
 |  | 4.3.2.2.15.2.3.3.15.2.7.3 or 4.17.6 (?) |  | HuaweiETRINokiaSamsung |
| KI#2 | Add new UPF event exposure to exposure the NATed UE public IP address and Port for a particular PDU Session | 5.8.2.177.2.29 | 4.5.x(new)5.2.26 |  | China MobileNokiaSamsung |
| -Clarify that the NEF/NWDAF can use UE IP address to discover the PSA UPF and subscribe directly to PSA UPF for data collection | 5.8.2.17 | 5.2.26.14.15.4.5 |  | China MobileNokiaSamsung |
| Clarify that for periodic reporting type of the UPF event exposure service with direct notifications when the UPF changes, the source UPF may report to the consumer any data collected between the time instance of the last notification to the consumer and the time instance of the UPF change | 5.8.5.7?(double check whether “Deletion of last PDR for a URR” can cover the proposal)5.8.2.17 | 4.15.4.5.X (Information flow for UPF event exposure during UPF relocation) |  | Huawei |
| Discuss when the PDU session is released, if the UPF event subscription is via the SMF, the SMF may send a notification of subscription termination | 5.8.2.17 | 4.15.4.5.X (Information flow for UPF event exposure during UPF relocation) |  | Huawei |
| KI#3 | Add new parameters in Nnef\_TrafficInfluence\_Create and Nnef\_TrafficInfluence\_Update operationsClarify the procedure in clause 4.3.6Add new data subset in application dataPCC rule enhancement to handle the Header/TagsSMF/UPF enhancement to handle the Header/TagsClarify the N4 impactAdd new parameters in UPF profile | 5.6.7(AF influence)5.8.2.x(new feature)5.8.5.x(new rule)6.2.2 & 6.2.36.3.3.3(UPF selection) | 4.3.6(AF influence)4.3.4(N4)5.2.12.2.1(data subset)5.2.7(UPF profile)5.2.6(Nnef)5.2.8(Nsmf)5.2.5(Npcf)5.2.26(Nupf) | 4.3.56.1.3.x(new)6.1.3.56.1.3.66.2.1.3(subscription?)6.2.1.66.2.2.x(new)6.3(rule)6.4(policy) | ETRINokia |