

Views on SON/MDT in Release 19

KDDI corporation

- **Justification**

In Release-18, RAN standardized many features that contribute to the operator's business. However, in our opinion, operators need to optimize these features to maximize their gains and collecting data on Release-18 features is important.

- **Objectives**

The data collection for Release-18 features should at least include the following features:

- Network energy saving
- Mobility enhancement
- XR



Effective MDT data collection

- **Justification**

With the current mechanism, not all of the collected data is useful. In other words, data collected under certain conditions is still beneficial, but data that doesn't meet those conditions is discarded on the network side. Sufficient data storage on the network side is also a challenge. Although the current specification allows gNB to configure certain events, area configurations, and some types of events, we see possibilities for enhancements.

- **Objectives**

Potential enhancements for UE-side MDT logging information filtering could reduce the data size reported to gNB and alleviate its impact on gNB storage capacity.

- **Justification**

In Release-18, RAN standardizes overwrite protection when a UE enters NR from LTE. However, there are still other enhancements for inter-RAT use cases that could be beneficial. Many operators are still in the process of migrating to 5G, so these enhancements could be useful.

- **Objectives**

- UE Simultaneous LTE/NR MDT logging : The current specification only allows for configuring either LTE or NR. However, considering the frequent back and forth between LTE and NR, simultaneous configuration would be preferable.
- Cross RAT reporting : LTE log reporting to NR and vice versa would also be beneficial in LTE/NR mixed deployment scenarios.

「つなぐチカラ」を進化させ、
誰もが思いを実現できる社会をつくる。

KDDI VISION 2030

