



# Discussion on the WI MINT (Minimization of Service Interruption)

LG Electronics, KT Corp., LG Uplus, SK Telecom,  
Samsung, Huawei, Hisilicon





# Incoming LS from CT WG1

## SP-200654 / C1-205332

- CT1 has discussed a WID proposal for CT aspects of Minimization of Service Interruption (MINT-CT) in the CT WG August meetings, in order to support the service requirements specified for Rel-17.
- The WID on MINT-CT includes a study phase on both stage-2 and stage-3 aspects. CT1 is also planning to define end-to-end call flow regarding registration after selection of a disaster roaming PLMN in the stage-2 specification owned by CT1.
- CT1 would like to ask TSG SA if there is any concern on this approach. CT1 expects any feedback on this way forward until the next WG meeting so that both study phase and normative phase can progress within Rel-17 timeframe.

## Actions to TSG SA

- 3GPP TSG CT WG1 kindly asks TSG SA to take the information above into account and to provide feedback



# Work assumptions in SA1 (1/2)

## The objectives of SA1 Rel-17 WID (SP-190938)

- In this work, it is assumed that neighbouring networks (i.e., networks providing services in the region where the disaster condition applies) may provide **disaster-triggered roaming that is activated only during certain events (e.g. disasters, fire, etc) where one network cannot provide access service to its users within specific regions** during the time that a disaster condition persists.
- Coordination between PLMN operators and **government agencies** might be required to support Minimization of Service Interruption (MINT), but this is out of scope of 3GPP.
- In this work, **the scope is limited to the case of RAN failure.**



# Work assumptions in SA1 (2/2)

-  The observations on the work assumptions in the SA1 WID are:
- The “disaster condition” is limited to the case of RAN failure. This means that other CN functions in the HPLMN are still functional.
  - When this condition starts or how two PLMNs (HPLMN and the roaming PLMN) interwork should be managed by the government agencies or the authorities. And this is out of scope of 3GPP.
  - “disaster roaming” is not a generic service or feature, but is used under special circumstances.



# Conclusion and Way Forward

## Conclusion

- The scope of SA1 work, and the main requirements captured in TS 22.261 and TS 22.011, for Rel-17 are on the network selection and the access control.
  - These aspects of stage 2 are under CT1 remit, as specified in TS 23.122.
- So for these aspects, it is considered reasonable that CT1 can work on the stage 2 as usual.
- There is no concern on the suggested approach that CT1 work on the stage 2 work of MINT for Rel-17 as CT1 already has a related stage 2 specification.

## Way Forward

- Send a reply LS to CT1, as drafted in **SP-200775**