

# AT&T Priority Areas of Work for System, Services, and Core in Release 18

SP-210603

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## Release 18 Timeline



Assuming Release 17 is completed by June 2022, Release 18 should currently be planned for completion by December 2023, allowing for an 18-month release cycle. This timeline assumes face-to-face meetings start again by the 2<sup>nd</sup> half of 2022. These timelines should be aligned and agreed in consultation with RAN working groups.



Note: Current topics of interest are mainly based on Release 18 requirements (SA1) and draft proposals (SA2). Other working groups inputs should be included when available by the December plenary.

## Release 18 Areas of Interest for AT&T

### Public Safety

- Multicast/Broadcast Enhancements
- Proximity services Enhancements
- Vehicle Mounted Relay
- Improved Positioning Accuracy and Related Enhancements
- Multimedia Priority Service Enhancements

### 5G System Enhancements

- Network Slicing Enhancements
- Edge Computing Enhancements
- Network Analytics/Automation Enhancements
- UPF Enhancements and Service Function Chaining
- Timing Resiliency
- AI/ML Assisted Services
- UAV Enhancements

### Multimedia Related Services

- QoS Enhancements (for high data rate multimedia services such as AR/VR/XR)

Note: for descriptions of draft objectives of related SA2 study proposals, please refer to the latest revisions from TSGS2 #146E



## Additional Considerations

- Given the resource constraints in SA2 Working Group
  - Work with near term deployment prospects and operator needs should be prioritized. These include for example features associated with public safety, and enhancements to existing 5G features such as edge computing, network slicing, network analytics, QoS etc.
  - Time management in online meetings should be improved. For example realistic capture of Time Units for study / work items should be done and mechanisms for their enforcement in online meetings be used.
  - Some of the proposed studies may need to be de-prioritized or deferred. Proposals on some more forward-looking features and capabilities fall into this category and should be considered for subsequent releases