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What are the functions about the MAC layer in LTE?


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 **Liang Tong**

Answered September 4, 2019





MAC layer performs the following functions. Not all of these are performed by UE and eNodeB. Also, it should be noted that some of these functions are available in uplink and other in downlink.


- Mapping between logical channels and transport channels
- Multiplexing of MAC SDUs from one or different logical channels onto transport blocks (TB) to be delivered to the physical layer on transport channels
- Demultiplexing of MAC SDUs from one or different logical channels from transport blocks (TB) delivered from the physical layer on transport channels
- Scheduling information reporting
- Error correction through HARQ
- Priority handling between UEs by means of dynamic scheduling
- Priority handling between logical channels of one UE
- Logical Channel
- Transport format selection


For more information about the MAC LTE in LTE, you can refer to [MAC layer functions in LTE - Huawei Enterprise Support Community](#) 

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