

简述

- 根据给的文档、ts 23.040和ts24.011理解短信的流程，解析log是怎么实现标准的

记录

- OTA message: OTA (Over-The-Air) is a wireless technology
 - OTA 基于客户端/服务器架构，一端是运营商后端系统（客户服务、计费系统、应用服务器.....），另一端是SIM卡。
 - The operator's back-end system sends service requests to an OTA Gateway (or OTA Platform), which transforms the requests into Short Messages and forwards them onto a Short Message Service Centre (SMSC), transmitting them to one or several SIM cards in the field.
 - 作用
 - communicate with a SIM card,
 - download applications to a SIM card,
 - manage a SIM card
- 空中接口（air interface）是一种用于移动设备传输的通信链路，透过无线通讯以链接移动电话终端用户或基地台。在GSM/UMTS中，各种形式的UTRA标准即为空中接口，也就是一种访问模式。
- 3GPP TS 23.040 V17.2.0 Technical realization of the Short Message Service (SMS)(GSM03.40)
- 3GPP TS 24.011 V17.2.0 Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface(GSM 04.11)