* 1. HSS日志查询

### HSS日志查询（专业版）

【需求分析】

粤西爱立信HSS、粤东华为HSS日志文件全量采集，日志文件生成粒度1小时，日志文件格式csv；

【查询接口】

接口来源：网投接入数据互联中心查询；

接口输入参数：开始时间、结束时间、手机号码、查询类型（1为专业版，2为客服版）

接口要求：webservice接口，可查询30天跨度的记录

输出：

专业版：全量字段输出；

客服版：用户号码、开始时间、操作、状态；

【查询条件】手机号码、时间

【查询结果】根据上述查询条件返回日志文件，一条记录一行显示：

格式如：

"northbound","PL-31506051225459933CAI3G1\_2","","","","MOD\_LCK","SUCCESSFUL","boss","PL-3","CAI3G1\_2","MCA21@http://www.chinamobile.com/HSS/","2015-06-05 12.25.45.664","00 00:00:00.085","0","<soap:Envelope xmlns:soap=""http://schemas.xmlsoap.org/soap/envelope/""><soap:Header><UserName xmlns=""http://www.chinamobile.com/HSS/"">boss</UserName><PassWord xmlns=""http://www.chinamobile.com/HSS/"">\*\*\*\*\*\*</PassWord></soap:Header><soap:Body><MOD\_LCK xmlns=""http://www.chinamobile.com/HSS/""><HLRSN>1</HLRSN><ISDN>8613415430933</ISDN><EPSLOCK>FALSE</EPSLOCK></MOD\_LCK></soap:Body></soap:Envelope>","<soap:Envelope xmlns:soap=""http://schemas.xmlsoap.org/soap/envelope/""><soap:Header/><soap:Body><MOD\_LCKResponse xmlns=""http://www.chinamobile.com/HSS/""><Result><ResultCode>0</ResultCode><ResultDesc>SUCCESS0001:Operation is successful</ResultDesc><ResultData/></Result></MOD\_LCKResponse></soap:Body></soap:Envelope>"

### 4G停开机查询（客服版）

【需求分析】

为客服提供HSS的BOSS接口信息，供客服核查BOSS侧操作，接入深圳地区爱立信8个HSS网元(SZHHSS07- SZHHSS14)上所有BOSS接口信息，目前已经梳理4G停开机业务信息，通过日志文件入库方式查询MOD\_LCK、MOD\_TPLEPS参数状态判断4G停开机状态。

【查询条件】手机号码、时间（精确到秒，格式如：2015-06-05 12:25:45）

【查询结果】手机号码、时间、操作、状态

举例：13415430933 2015-06-05 12:25:45 4G开机 成功

1. 手机号码读取<ISDN>8613415430933</ISDN>，去掉86前缀；

2）操作读取<EPSLOCK>FALSE</EPSLOCK>，当值为FALSE，显示4G开机，当值为TRUE，显示4G关机；

1. 状态读取"SUCCESSFUL"或者"FAILED"，前者显示成功，后者显示失败；

4）时间读取"2015-06-05 12.25.45.664"，需转译为“2015-06-05 12:25:45”；

【解析规则】

1、MOD\_LCK样例日志以及解析规则：

/var/proclog/raw/archive/20150605/proclog\_20150605\_1200.tar.gz:

"northbound","PL-31506051225459933CAI3G1\_2","","","","MOD\_LCK","SUCCESSFUL","boss","PL-3","CAI3G1\_2","MCA21@http://www.chinamobile.com/HSS/","2015-06-05 12.25.45.664","00 00:00:00.085","0","<soap:Envelope xmlns:soap=""http://schemas.xmlsoap.org/soap/envelope/""><soap:Header><UserName xmlns=""http://www.chinamobile.com/HSS/"">boss</UserName><PassWord xmlns=""http://www.chinamobile.com/HSS/"">\*\*\*\*\*\*</PassWord></soap:Header><soap:Body><MOD\_LCK xmlns=""http://www.chinamobile.com/HSS/""><HLRSN>1</HLRSN><ISDN>8613415430933</ISDN><EPSLOCK>FALSE</EPSLOCK></MOD\_LCK></soap:Body></soap:Envelope>","<soap:Envelope xmlns:soap=""http://schemas.xmlsoap.org/soap/envelope/""><soap:Header/><soap:Body><MOD\_LCKResponse xmlns=""http://www.chinamobile.com/HSS/""><Result><ResultCode>0</ResultCode><ResultDesc>SUCCESS0001:Operation is successful</ResultDesc><ResultData/></Result></MOD\_LCKResponse></soap:Body></soap:Envelope>"

1. 检索日志文件若显示<EPSLOCK>FALSE</EPSLOCK>，表示4G开机，若MOD\_LCK参数状态值为"SUCCESSFUL"，表示4G开机操作成功；若MOD\_LCK参数状态值为"FAILED"，则表示4G开机操作失败；

2）2）检索日志文件若显示<EPSLOCK>TRUE</EPSLOCK>，表示4G停机，若MOD\_LCK参数状态值为"SUCCESSFUL"，表示4G停机操作成功；若MOD\_LCK参数状态值为"FAILED"，则表示4G停机操作失败；

2、MOD\_TPLEPS样例日志以及解析规则：(样例日志稍后补充)

<EPSUSERTPLID>201</EPSUSERTPLID>表示4G停机，其他表示开机；