# 国人AP终端信息上报消息定义

1. 消息定义

上报消息为udp协议，上报周期和上报端口以及上报的服务器ip都可以在上报程序启用时定义

1. 消息头

消息头长度为18个字节

1. 消息体

0 1 2 3

0 1 2 3 4 5 6 7 0 1 2 3 4 5 6 7 0 1 2 3 4 5 6 7 0 1 2 3 4 5 6 7

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| AP MAC |

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| AP MAC | 消息id |

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| 后续消息长度 | sta1 MAC |

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| sta MAC |

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| 终端信号强度 | sta2 MAC |

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| sta2 MAC |

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| 终端信号强度 | sta3 mac 。。。。。。。。。。。。。。。。。。。|

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注：信号强度值的范围为5<rssi<75，值越大，说明ap接收到终端的信号越好，基本可以理解为终端离ap的距离较近

设备上报时，十六进制消息，调试打印如下

00 00 00 09 00 00 24 00 00 25 00 0c 00 00 48 ab

00 00 00 11 b5 11 33 66 10 01 00 10 68 df dd 1f

06 78 00 0c f0 dc e2 88 55 90 00 10

1. 设备调试方法，目前仅9344款ap支持

Ap后台执行命令如下

1. /sbin/iwpriv wfm ne\_ssid 1 打开底层扫描开关
2. /sbin/iwpriv wfm pos\_time 3 设定上报周期为3秒
3. /usr/sbin/get\_position -s 192.168.1.1 -p 8081 & 开启上报程序，向192.168.1.1，端口号为0801上发送udp消息。停止请执行killall -9 get\_position

如需调试打印，则执行/usr/sbin/get\_position -d 1 -s 192.168.1.1 -p 8081 ，按ctrl+c停止