

**WEB ADMIN DEVELOPMENT**

**FOR**

**UUWiFi SYSTEM**

Version: 1.0



深圳市亿优科技有限公司

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**Nomenclature**

ViFi UUWiFi 设备

VRS 根服务器

VNS 节点主服务器

VPX SIP软交换服务器

VSW SIMP<>GoIP信息交换服务器

VAPP Android/iOS 应用程序

# 概述

本文档描述ViFi(uuWiFi)项目中Web管理系统webmin中需求定义，功能开发，以及部署和测试等。

在webmin中，有管理员，供用商，代理商三类用户，各自管理相应内容。

1. 管理员

定位于公司运营人员的角色，也可设置不同等级。最高级别管理员可以管理平台所有数据。其它级别则根据需要开放对应的页面。

1. 供用商

通话线路或SIM卡供应商，可以管理自己所提供的线路和卡

通话线路供用商提供的通话线路可以是各种VoIP/GoIP网关，SIPTrunk等

* 管理自己名下所有通话线路（如连接参数，最大并发量）
* 管理线路路由及号码变换规则
* 管理供用线路的费率折扣率
* 查看线路状态，（如当前呼叫量， 成功率，通话质量）
* 结算分析，（如历史话单，总时长，总费用）

SIM卡供用商通过SimP提供各种流量卡

* + 管理自己名下的SimP设备
  + 管理自己名下的SIM卡组和SIM卡，（如设置最大流量，余额提醒）
  + 管理流量计费策略及计费折扣率
  + 查看所有SIP卡的状态，（如当前使用状态，已使用流量，剩余流量）
  + 结算分析，（如流量单，本月流量，总费用）

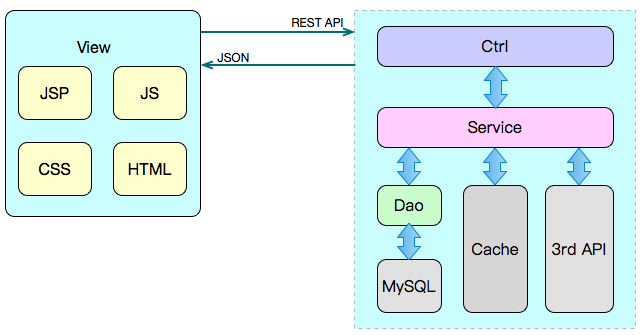
1. 代理商

代理uuWiFi设备的销售/租用等，分多级代理级别。不同级代理通过费率折扣结算利润分成。

* 管理自己名下的uuWiFi设备
* 管理分配自己子代理商名下uuWiFi设备
* uuWiFi优先(固定)指定使用流量卡（？）
* 管理自己名下所发展的用户
* 用户预充值和清帐操作。
* 结算分析（查看当前利润，话单，流量单）

# 系统结构

WS系统前后端分离,后台WS接口提供功能, 前端页面展示。



## WS规范

WS接口为HTTP/HTTPS协议，使用REST风格接口，请求的URL格式为

protocol://service.address:port/type/version/resource/addr.format?parameters

更多详细描述，可参见WS文档.

## 后台结构

后台结构详见WS文档，本文档重点描述前端各方面，包括页面设计，相关JS/CSS等

## 前端结构

<TODO>

# 页面设计

页面整体风格使用已有模板。主要功能页面包括有

* 登录页
* 主框架
* 菜单页
* 导航栏
* 列表型页面
* 图表型页面
* 帮助系统

## 登录页

登录页面含以下几个元素，布局等无明确要求，设计风格应与主界面风格保持一致。

用户名

密码

语言

注:默认自动选择浏览器所用语言,若无支持的语言句,则使用英文.

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## 主框架

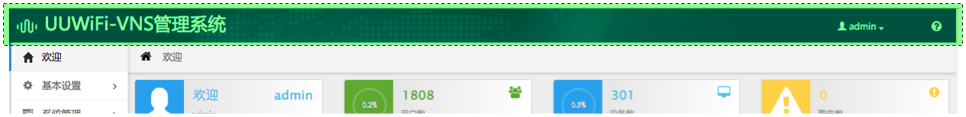
主框架将页面分成多个部份，顶栏，主菜单，主页面，帮助页面，导航栏等，

布局如下所示：



## 顶栏

顶栏左边为程序的图标和名字，右边为登录用户的信息，以及菜单和帮助页面的显示控制开关



## 主菜单

菜单位于左边，使用二级树型结构，菜单显示内容，根据用户权限，动态生成，即不同权限用户看到的菜单树是不一样的。

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **一级** | **二级** | **Tab页面** | | | | |
| 欢迎 |  | | | | | |
|  | | | | | | |
| 基本设置 | 系统资源 | 菜单页面 | 访问接口 | - |  |  |
| 系统用户 | 用户列表 | - |  |  |  |
| 角色权限 | 页面权限 | 接口权限 | - |  |  |
| IP黑名单 | IP黑名单 | - | - |  |  |
| 操作审计 | 操作记录 | 数据库审计 | - |  |  |
|  | | | | | | |
| 系统管理 | 系统配置 | 配置列表 | - |  |  |  |
| 版本管理 | 版本列表 | - |  |  |  |
| 地区管理 | 地区列表 | - |  |  |  |
| 供用商管理 | 供用商列表 | - |  |  |  |
| 代理商管理 | 概要信息 | 代理商列表 | 增值记录 | 扣费记录 | 收益记录 |
|  | | | | | | |
| 用户管理 | 注册用户 | 用户列表 | - |  |  |  |
| 充值记录 | 充值记录 | - |  |  |  |
| 语音套餐 | 套餐列表 | - |  |  |  |
| 流量套餐 | 套餐列表 | - |  |  |  |
| 消息管理 | 概要信息 | 短信记录 | 短信模板 | - |  |
| 用户反馈 | 反馈记录 | - |  |  |  |
|  | | | | | | |
| 数据业务 | 卡交换服务 | 概要信息 | 卡交换队列 | 卡交换节点 | 静态绑定 | - |
| SimPool卡池 | 概要信息 | 卡池设备 | 卡池组 | 卡池插槽 | - |
| 流量卡管理 | 概要信息 | 流量卡 | 流量卡组 | 可用地区 | - |
| UUWiFi设备 | 概要信息 | 设备列表 | 设备组 | 活动记录 | - |
| 启动卡管理 | 启动卡列表 | 启动卡组 | 流量记录 | - |  |
| 流量费率 | 费率列表 | - |  |  |  |
| 流量帐单 | 概要信息 | 流量帐单 | 用户流量 | 设备流量 | 卡流量 |
|  | | | | | | |
| 语音业务 | 软交换服务 | 软交换节点 | - |  |  |  |
| 落地线路 | 线路列表 | - |  |  |  |
| GoIP设备 | 概要信息 | 设备列表 | 设备组 | 设备端口 | - |
| 呼叫路由 | 外呼路由 | - |  |  |  |
| 通话费率 | 费率列表 | - |  |  |  |
| 历史话单 | 概要信息 | 历史话单 | 话单统计 | - |  |
|  | | | | | | |
| 套餐管理 | 设备日租 | 日租列表 | - |  |  |  |
| 流量套餐 | 套餐列表 | - |  |  |  |
|  | | | | | | |
| 统计报表 | 每日统计 | 统计列表 | - |  |  |  |
| 月度统计 | 统计列表 | - |  |  |  |
|  | | | | | | |
| 系统日志 | 管理系统日志 | 日志列表 | - |  |  |  |
| 服务接口日志 | 日志列表 | - |  |  |  |
| 计费系统日志 | 日志列表 | - |  |  |  |
| 卡调度服务日志 | 日志列表 | - |  |  |  |
| 卡交换系统日志 | 日志列表 | - |  |  |  |
| 软交换系统日志 | 日志列表 | - |  |  |  |
| 消息日志 | 日志列表 | - |  |  |  |
| APP日志 | 日志表我 | - |  |  |  |

## 导航栏

右边主页面上部为导航栏。



## Tab栏

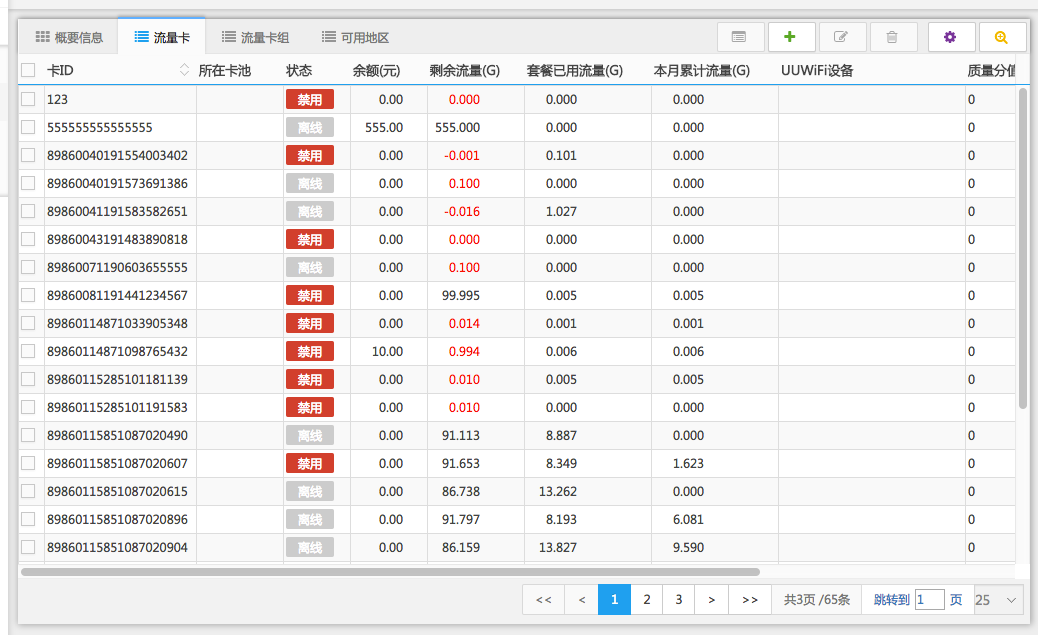
当某个菜单下有多页内容需要展示时，使用Tab页进行区分。

另外，为节省空间，将页面中的工具栏也放在了Tab栏在右边。如下：



## 列表型页面

即用表的方式来显示数据，基本布局如下所示：



在列表型页面中，有以下相关元素

1. 工具栏

增／删／改／查／导入／导出等所有工具图标都位于tab栏的右边，若无权限操作操作对应图标，该图标

1. 页面设置

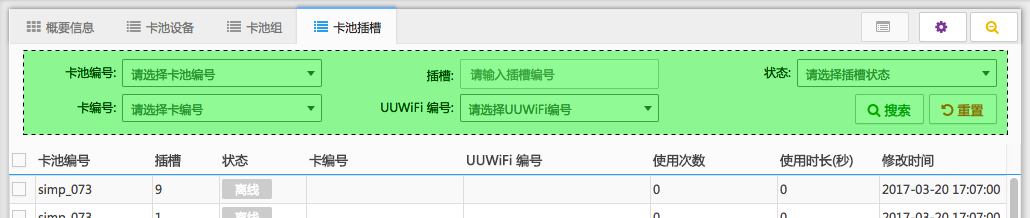
点击设置按钮时，浮出一层显示设置内容，比如显示字段，重置等，



1. 查询栏

为节省空间，查询栏默认为隐藏，（这一点最好为可配）

当有需要查询时，点击查询按钮，在表上面显示查询字段，



1. 排序

排序功能放在表头字段的右边，对于支持排序功能的字段，使用符号表示，

通过点击该图标，支持升序/降序/无序三种方式切换。

如有多栏支持排序，会同时支持（优先级按字段从左到右）

1. 选择行

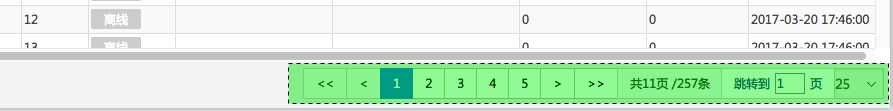
单选：点击某一行时，即选择该行

多选：若需要多选，点击行左边多选框

全选：点击表头最左边多选框

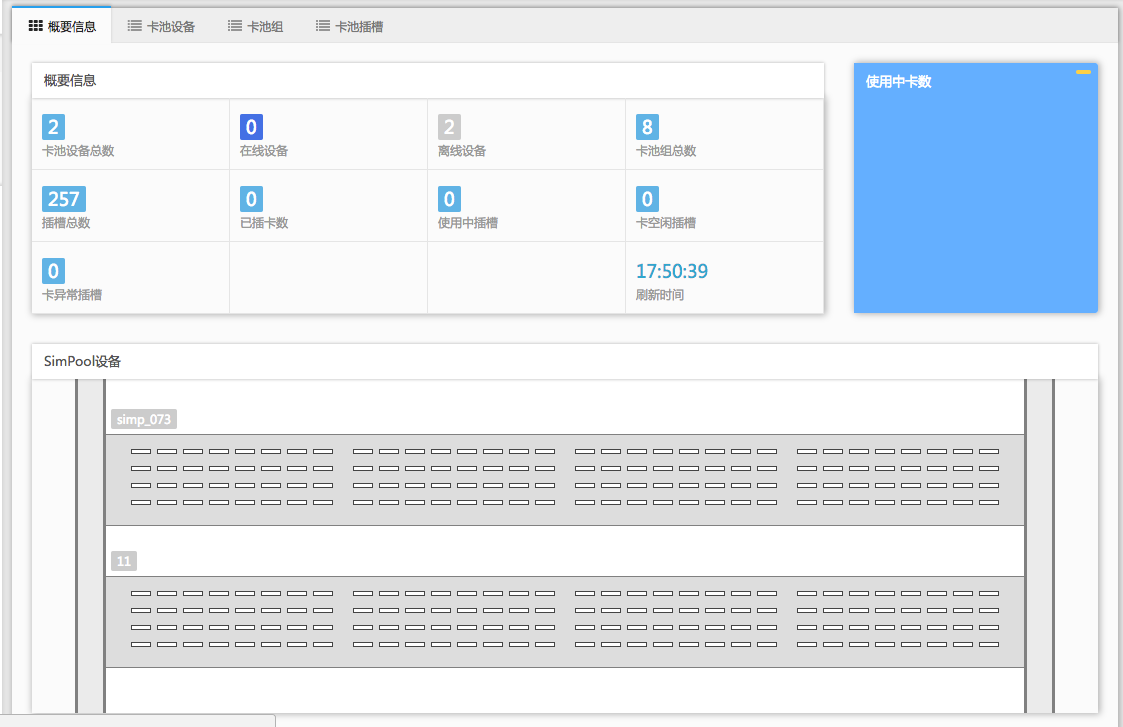
1. 翻页

表最下方为翻页及信息栏



## 图表型页面

图表型页面一般显示概要信息，统计图等信息，这些图都组件化，根据需要在不同页面组织显示。如：

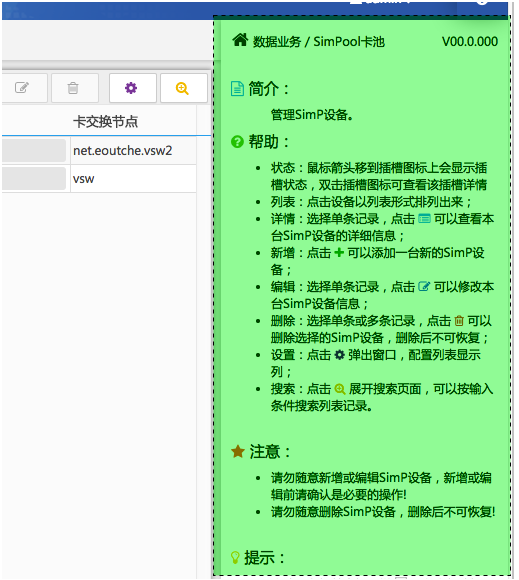


常用组件：

1. 概要磁贴
2. 在线图
3. 日／周／月使用图
4. SimPool状态图
5. GoIP状态图
6. 设备位置图

## 帮助系统

帮助页面做到上下文相关，即当前在哪个页面，点击左上方的时，即可以显示当前页面的帮助说明，如下:



帮助页面的最上方左边为帮助导航栏， 右边为版本信息。

帮助页面用html格式静态写成，每个页面基本保持统一格式，包括几点

1. 简介
2. 帮助
3. 注意
4. 提示

# 登入登出

## 用户登入

## 欢迎主页

### 管理员主页

### 代理商主页

### 供用商主页

## 修改密码

## 用户登出

宽度为数值

显示， Y／C／N， （显示，反显，默认不显示）

排序 Y／A／D／N （Y，A，D都表示支持排序 ，Y默认无序，A默认升序，D默认降序， N不支持排序）

搜索 Y／N （支持／不支持）

新增 R／P／N （R表示必填字段，P表示选填字段， N表示不显示） （s/i）表示选择／输入）

编辑 R／P／N （R表示必填字段，P表示选填字段， N表示不显示， D表示不可编辑）

# 基本设置

## 系统资源

系统资源与程序模块有关，根据初始化数据直接显示。

### 菜单页面

树型页面

### 访问接口

树型页面

## 系统用户

### 用户列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 用户列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有管理员信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 用户名 | 80 | Str | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 组 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 角色 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 密码 | 110 | Str | - | | - | | IN(\*) | | - | |  | | | | |
| 等级 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 状态 | 60 | Str | - | | - | | - | | SEL(\*) | | 正常 ／禁用 | | | | |
| 登录失败次数 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 登录次数 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 最后登入录IP | 110 | Str | - | | - | | - | | - | |  | | | | |
| 最后登录地 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 最后登录时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 邮箱 | 140 | Str | - | | - | | - | | IN(\*) | |  | | | | |
| 电话号码 | 110 | Num | - | | - | | - | | IN(\*) | |  | | | | |
| 连接IP | 110 | Str | - | | - | | - | |  | |  | | | | |
| 语言 | 50 | Str | - | | - | | - | | SEL(\*) | | 中文简体 / 中文繁体 / 英文 | | | | |
| 备注 | 110 | Str | - | | - | | - | | IN | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |

## 角色权限

### 页面权限

树型页面

### 接口权限

树型页面

## IP黑名单

### IP黑名单

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | IP黑名单 | | | | | | | | | | | | | | |
| 描述 | 显示所有IP黑名单信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| IP地址 | 200 | Str | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 阻止 | 60 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 允许 ／阻止 | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 140 | Str | - | | - | | - | | - | |  | | | | |

## 操作审计

### 操作记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 操作记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有操作记录信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| ID | 60 | Num | <> | |  | | - | | - | |  | | | | |
| 操作时间 | 140 | Date | - | |  | | - | | - | |  | | | | |
| 用户 | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 来访IP | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 来访地 | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 动作 | 60 | Str | - | | SEL | | - | | - | | 查看 ／新增／登录／删除／更新／登出／无权限 | | | | |
| 访问页面 | 110 | Str | - | | SEL | | - | | - | | 主页 / 欢迎 / 登入 / 注销 / 及所有菜单页面 | | | | |
| 结果 | 60 | Str | - | |  | | - | | - | |  | | | | |
| 源系统 | 110 | Str | - | |  | | - | | - | |  | | | | |
| 源浏览器 | 140 | Str | - | |  | | - | | - | |  | | | | |

### 数据库审计

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 数据库审计列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有数据库审计信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 50 | Num | <> | | - | | - | | - | |  | | | | |
| 操作时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 用户 | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 来访IP | 110 | Str | - | | IN | | - | | - | |  | | | | |
| 来访地 | 110 | Str | - | | IN | | - | | - | |  | | | | |
| 动作 | 60 | Str | - | | SEL | | - | | - | | 新增／删除／更新 | | | | |
| 数据表 | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 行数 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 数据字段 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 键值 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 操作人类型 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 操作主键值 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 操作主键名 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改前 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改后 | 80 | Str | - | | - | | - | | - | |  | | | | |

# 系统管理

## 系统配置

### 配置列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 配置列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有配置信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 配置项 | 140 | Str | <> | | SEL | | IN(\*) | | IN(\*) | |  | | | | |
| 值类型 | 60 | Str | <> | | - | | SEL(\*) | | SEL(\*) | | 字符串/整数 | | | | |
| 配置项值 | 80 | Str | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 配置描述 | 200 | Str | <> | | - | | IN((\*) | | IN((\*) | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 140 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 140 | Str | <> | | - | | - | | - | |  | | | | |

## 版本管理

### 版本列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 版本管理列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有版本信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 模块名称 | 110 | Str | <> | | SEL | | SEL(\*) | | SEL(\*) | | **ViFi硬件 / ViFi固件 / ViFi系统 / Android APP / Ios APP / VRSWS / VNS管理系统 / VNS用户WEB UI / VNS计费服务** | | | | |
| 版本号 | 60 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| Svn版本号 | 60 | Str | <> | | IN | | - | | - | |  | | | | |
| 状态 | 80 | Img | <> | | SEL | | - | | SEL(\*) | | 最新版本/有可升级版本/无效（将会强制用户升级） | | | | |
| 升级版本 | 60 | Str | <> | | IN | | - | | IN(\*) | |  | | | | |
| 文件 | 60 | Str | <> | | - | | file(\*) | | file(\*) | |  | | | | |
| 下载地址 | 200 | Str | <> | | - | |  | |  | |  | | | | |
| 发布时间 | 140 | Date | <> | | SEL | | - | | - | |  | | | | |
| 生效时间 | 140 | Date | <> | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 数量 | 50 | Num | <> | | - | | - | | - | |  | | | | |
| 统计日期 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 升级说明 | 110 | Str | <> | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | <> | | - | | - | | - | |  | | | | |

## 地区管理

### 地区列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 地区列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有地区信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 地区编号 | 140 | Str | <> | | - | | - | | - | |  | | | | |
| 洲 | 80 | Str | - | | SEL | | ISEL\*) | | ISEL\*) | |  | | | | |
| 国家 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 国家 | | | | |
| 地区 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 城市 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 国家电话代码 | 80 | Num | - | | - | | IN | | IN | |  | | | | |
| 移动国家码 | 80 | Num | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 状态 | 60 | Str | - | | - | | SEL | | SEL | | 开通 / 未开通 | | | | |
| 备注 | 140 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 供应商管理

### 供应商列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 供应商列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有供应商信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 供应商ID | 140 | Str | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 供应商名 | 140 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 联系电话 | 140 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 供应商级别 | 60 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 状态 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 正常 / 禁用 | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 140 | Str | - | | - | | - | | - | |  | | | | |

## 代理商管理

### 概要信息

### 代理商列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 代理商列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有代理商信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 代理商编号 | 140 | Str | <> | | - | | - | | - | |  | | | | |
| 用户名 | 110 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 级别 | 60 | Str | - | | SEL | | - | | - | | **一级 / 二级 / 三级 / 四级 / 五级/ 六级 / 七级 / 八级 / 九级 / 十级 / 十一级 / 十二级 / 十三级 / 十四级 / 十五级 / 十六级 / 十七级 / 十八级 / 十九级 / 二十级** | | | | |
| 名称 | 110 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 联系电话 | 110 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 状态 | 60 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 正常//禁用 | | | | |
| 余额（元） | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | | / | | | | |
| 信用额度（元） | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 折扣（%） | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 50% / 55% / 60% / 65% / 70% / 75% / 80% / 85% / 90% / 95% / 100% | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 增值记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 增值记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有增值记录信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 用户充值编号 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 代理商编号 | 140 | Str | - | | SEL | | - | | - | |  | | | | |
| 折扣（%） | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 充值金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 充值前金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 充值后金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 扣费记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 扣费列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有扣费列表信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 代理商编号 | 140 | Str | - | | - | | - | | - | |  | | | | |
| CDR编号 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 折扣（%） | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 扣值金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 扣值前金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 扣值后金额（元） | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 收益记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 收益记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有收益记录信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 110 | Str | <> | | - | | - | | - | |  | | | | |
| 代理商编号 | 200 | Str | - | | IN | | - | | - | |  | | | | |
| 新增用户 | 110 | Str | - | | IN | | - | | - | |  | | | | |
| 收益金额(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 用户充值(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 统计时间 | 140 | Date | - | | - | | - | | - | |  | | | | |

# 用户管理

## 注册用户

### 注册用户列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 注册用户列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有用户信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 180 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 代理商编号 | 110 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 语言 | 50 | Str | - | | - | | - | | - | |  | | | | |
| 漫游地区 | 60 | Str | - | | - | | - | | - | |  | | | | |
| 时区 | 60 | Date | - | | - | | - | | - | |  | | | | |
| 域 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 显示号码 | 110 | Num | - | | - | | IN | | IN | |  | | | | |
| 启用 | 50 | Str | - | | SEL | | - | | SEL(\*) | | 正常 / 禁止 | | | | |
| 账号状态 | 110 | Str | - | | SEL | | - | | - | | 未使用APP程序 / 下载后注册，未验证 /下载后注册，验证失败 / 禁止注册(黑名单) / 系统回收的用户(如挂失) /欠费停机(超过一定时间的) / 离线 / 在线(未知网络) / 2G在线 / 3G在线 / 4G在线 / wifi在线 / UUWiFi在线 / 禁用 | | | | |
| UUWiFi状态 | 80 | Str | - | | SEL | | - | | - | | 未使用ViFi / 正常使用中 / （租用）过期 | | | | |
| UUWiFi设备编号 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 账号余额(元) | 80 | Num(.2) | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 语音余额(元) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 数据余额(元) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 积分 | 60 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 最后在线时间 | 140 | Date | - | | - | | - | |  | |  | | | | |
| 类型 | 60 | Str | - | | SEL | | SEL | | SEL | | 内测用户/常规用户 | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 充值记录

### 充值记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 充值记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有充值信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 订单号 | 200 | Str | - | | IN | | - | | - | |  | | | | |
| 用户编号 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 充值类型 | 50 | Str | - | | SEL | | - | | - | | 代理商预充值 / 支付宝 / 微信 | | | | |
| 关联编号 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 代理商 | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| 商品编号 | 80 | Str | - | | IN | | - | | - | |  | | | | |
| 充值金额(元) | 80 | Num  (.2) | - | | IN | | - | | - | |  | | | | |
| IP地址 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 充值状态 | 80 | Str | - | | SEL | | - | | - | | **充值成功 / 充值失败 / 超时 / 等待充值** | | | | |
| 备注 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 语音套餐

### 语音套餐列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 语音套餐列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有语音套餐信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 用户账号 | 140 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 套餐类型 | 110 | Str | <> | | SEL | | SEL(\*) | | SEL(\*) | | 本地(呼出)通话 / 国际(呼出)通话 | | | | |
| 关联设备 | 140 | Str | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 剩余用量(秒) | 80 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 生效日期 | 140 | Date | <> | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 失效日期 | 140 | Date | <> | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 备注 | 140 | Str | <> | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | <> | | - | | - | | - | |  | | | | |

## 流量套餐

### 流量套餐列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量套餐列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有流量套餐信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 用户账号 | 140 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 套餐类型 | 80 | Str | <> | | SEL | | SEL(\*) | | SEL(\*) | | 本地流量/ 漫游流量 | | | | |
| 关联设备 | 140 | Str | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 剩余用量(KB) | 110 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 生效日期 | 140 | Date | <> | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 失效日期 | 140 | Date | <> | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 备注 | 110 | Str | <> | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | <> | | - | | - | | - | |  | | | | |

## 消息管理

### 概要信息

### 短信记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 短信记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有短信记录信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 接收号码 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 短信内容 | 500 | Str | - | | IN | | - | | - | |  | | | | |
| 发送状态 | 80 | Str | - | | SEL | | - | | - | | 等待发送 / 发送中 / 成功 / 失败 | | | | |
| 发送网关 | 110 | Str | - | | IN | | - | | - | |  | | | | |
| 关联表 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 开始时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 发送时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 所用时长 | 80 | Num | - | | - | | - | | - | |  | | | | |

### 短信模板

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 短信模板列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有短信模板信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | IN | | IN(\*) | | - | |  | | | | |
| 名称 | 100 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 语言 | 60 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 中文 / 英文 | | | | |
| 内容 | 500 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 110 | Str | - | | - | | - | | - | |  | | | | |

## 用户反馈

### 用户反馈

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 反馈记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有用户反馈信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 用户 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 状态 | 80 | Str | - | | SEL | | - | | SEL | | 等待处理 / 已提交处理 / 处理已完成 | | | | |
| 类型 | 110 | Str | - | | SEL | | - | | - | | **ViFi硬件 / ViFi固件 / ViFi系统 / Android APP / Ios APP / VRSWS / VNS管理系统 / VNS用户WEB UI / VNS计费服务** | | | | |
| 版本号 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 标题 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 反馈内容 | 200 | Str | - | | IN | | - | | - | |  | | | | |
| 附件 | 80 |  | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 回复内容 | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 回复时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 关联编号 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 关联状态 | 60 | Str | - | | - | | - | | - | |  | | | | |
| 备注 | 80 | Str | - | | - | | - | | - | |  | | | | |

# 数据业务

## 卡交换服务

### 概要信息

### 卡交换队列

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡交换队列列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡交换队列信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 交换节点ID | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| 设备ID | 140 | Str | - | | SEL | | - | | - | |  | | | | |
| 类型 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 交换策略ID | 110 | Str | - | | - | | - | | - | |  | | | | |
| 流量卡ID | 110 | Str | - | | SEL | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 当前位置 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 状态 | 60 | Str | - | | SEL | | - | | - | | 全部 / 使用中 / 待释放 / 已释放 / 换卡中 | | | | |
| 过期时间(秒) | 80 | Sum | - | | - | | - | | - | |  | | | | |
| 更新时间 | 140 | Date | - | |  | | - | | - | |  | | | | |
| Simpool设备 | 110 | Str | - | | SEL | | - | | - | |  | | | | |
| Simpool端口 | 50 | Num | - | | - | | - | | - | |  | | | | |
| 绑定类型 | 80 | Str | - | | - | | - | | - | |  | | | | |
| Goip设备 | 110 | Str | - | | - | | - | | - | |  | | | | |
| Goip端口号 | 50 | Num | - | | - | | - | | - | |  | | | | |
| 备注 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 卡交换节点

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡交换节点列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡交换节点信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 卡交换节点ID | 110 | Str | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 主机名 | 80 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 认证密码 | 80 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| IP地址 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 端口 | 50 | Num | - | | - | | - | | - | |  | | | | |
| 状态 | 60 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 在线 / 异常 / 离线 / 维护 / 出错 / 禁用 | | | | |
| 所在地区 | 80 | Img | - | | - | | SEL | | SEL | | 地区 | | | | |
| 服务级别 | 50 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 1 / 2 / 3 / 4 / 5 | | | | |
| 心跳周期（秒） | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 心跳时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 备注 | 140 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 110 | Str | - | | - | | - | | - | |  | | | | |

### 静态绑定

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 静态绑定列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有静态绑定信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 策略ID | 200 | Str | <> | | IN | | - | | - | |  | | | | |
| 流量卡ID | 140 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 设备ID | 200 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 状态 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 正常 // 禁用 | | | | |
| 使用次数 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 最后使用时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## Simpool卡池

### 概要信息

### 卡池设备

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡池设备列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡池设备信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 卡池编号 | 80 | Str | <> | | IN | | IN(\*) | | - | |  | | | | |
| 卡池名称 | 80 | Str | - | | IN | | IN | | IN | |  | | | | |
| 卡池组编号 | 60 | Num | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 型号 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | | Simpool 128 / Simpool 256 | | | | |
| 认证密码 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 设备IP | 110 | Str | - | | - | | - | | - | |  | | | | |
| 插槽数量 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 设备状态 | 60 | Str | - | | SEL | | - | | - | | 在线 / 离线 | | | | |
| 端口数量 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 插槽状态 | 200 | Img | - | | - | | - | | - | | **使用中 / 空闲 / 卡异常 / 无卡** | | | | |
| 卡交换节点 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 心跳周期（秒） | 80 | Date | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 心跳时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Date | - | | - | | - | | - | |  | | | | |

### 卡池组

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡池组列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡池组信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 组ID | 140 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 组名 | 140 | Str | - | | IN | | IN | | IN | |  | | | | |
| 代理商编号 | 140 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 备注 | 140 | Str | - | | IN | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 140 | Str Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 140 | Date | - | | - | | - | | - | |  | | | | |

### 卡池插槽

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡池插槽列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡池插槽信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 插槽编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 卡池编号 | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| 插槽 | 80 | Num | - | | IN | | - | | - | |  | | | | |
| 状态 | 60 | Str | - | | SEL | | - | | - | | 无卡 / 使用中 / 卡空闲 / 卡异常 / 离线 | | | | |
| 卡编号 | 110 | Str | - | | SEL | | - | | - | |  | | | | |
| UUWiFi编号 | 180 | Str | - | | SEL | | - | | - | |  | | | | |
| 使用次数 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 使用时长（秒） | 80 | Num | - | | - | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Date | - | | - | | - | | - | |  | | | | |

## 流量卡管理

### 概要信息

1. 模块布局

|  |  |
| --- | --- |
| 概要信息 | 卡今日用量(图) |
| 卡使用记录(图) | |

1. 概要信息

|  |  |  |  |
| --- | --- | --- | --- |
| 卡组数 | 卡总数 | 当前空闲卡数 | 当前使用卡数 |
| 今日使用卡数 | 将到期卡数 | 无效卡数 | 今日已用量 |
| 今日可用量 | 本月已用量 | 本月可用量 | 刷新时间 |

1. 今日用量

较为形象的百分比图显示， 流量卡池今日用量

当用量少于90%时，使用绿色，当用量达到90%及以上时，要变换为红色。

1. 使用记录

统计最近30天的流量消耗图，以及卡使用图。

### 流量卡

1. 表格字段

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量卡列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有流量卡信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  |  | | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | | 排序 | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 卡ID | 140 | Str | | <> | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 卡组ID | 60 | Num | | - | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 启用 | 60 | Str | | - | SEL | | SEL(\*) | | SEL(\*) | | 启用 / 禁用 | | | | |
| 状态 | 60 | Str | | - | - | | - | | - | | 使用中 空闲 禁用 卡异常 离线 / | | | | |
| 交换策略 | 60 | Str | | - | - | | - | | - | |  | | | | |
| 号码 | 110 | Num | | - | - | | IN | | IN | |  | | | | |
| 今日用量(G) | 80 | Num | | - | - | | - | | - | |  | | | | |
| 本月用量(G) | 80 | Num | | - | - | | - | | - | |  | | | | |
| 月最多用量 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 累计用量(G) | 80 | Num | | - | IN | | - | | - | |  | | | | |
| 余额(元) | 80 | Num(.2) | | - | IN | | IN | | IN | |  | | | | |
| 剩余流量(G) | 80 | Num | | - | IN | | IN | | IN | | 剩余流量不足，字体显示红色 | | | | |
| 成功数 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 失败数 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 连续失败 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 质量档 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 流量档 | 80 | Num | | - | - | | - | | - | |  | | | | |
| 使用策略 | 80 | Str | | - | - | | - | | - | |  | | | | |
| 所在卡池 | 80 | Str | | - | - | | - | | - | |  | | | | |
| 所用设备 | 140 | Str | | - | - | | - | | - | |  | | | | |
| 最后使用时间 | 140 | Date | | - | - | | - | | - | |  | | | | |
| 优先级 | 4 | Num | | - | - | | - | | - | |  | | | | |
| 卡失效时间 | 140 | Date | | - | - | | - | | - | |  | | | | |
| 备注 | 110 | Str | | - | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | | - | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | | - | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | | - | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | | - | - | | - | | - | |  | | | | |

1. 详情页面

使用折叠表格样式，分组显示以下内容

- 卡信息 (本表可显示字段信息，该信息默认为展开)

+ 卡组信息 （组表可显示字段）

+ 适用地区 （可用地区可显示字段）

+ 用量统计 （最近10天用量（含今天），本月用量表）

+ 使用记录 （最近10次拿卡设备及结果）

### 流量卡组

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量卡组列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有流量卡组信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 卡组编号 | 60 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 卡组名 | 80 | Str | - | | IN | | IN | | IN | |  | | | | |
| 发卡地区 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 运营商 | 110 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 网络类型 | 50 | Str | - | | - | | SEL | | SEL | | 2G / 3G / 4G | | | | |
| 卡大小 | 110 | Str | - | | - | | SEL | | SEL | | Sim 大卡 / Micro Sim 中卡 / Nano Sim 小卡 | | | | |
| 月租(元) | 60 | Num（.2） | - | | - | | IN | | IN | |  | | | | |
| 套餐流量(M) | 60 | Num | - | | - | | IN | | IN | |  | | | | |
| 套餐周期(天) | 60 | Num | - | | - | | IN | | IN | |  | | | | |
| 月最大流量 | 60 | Num | - | | - | | IN | | IN | |  | | | | |
| 优先级 | 60 | Num | - | | - | | SEL | | SEL | | 高 / 中 / 低 | | | | |
| APN | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 失效日期 | 140 | Date | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 使用策略 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 随机 / 优先用完 / 同时并发 | | | | |
| 号码 | 110 | Num | - | | - | | IN | | IN | |  | | | | |
| 用户名 | 80 | Num | - | | - | | IN | | IN | |  | | | | |
| 密码 | 80 | Num | - | | - | | IN | | IN | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 可用地区

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 可用地区列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有可用地区信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| ID | 60 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 卡祖编号 | 80 | Num | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 可用地区 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 成本价格（元） | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 价格档次 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 每天限量 | 80 | Num(.2) | - | | - | | IN | | IN | |  | | | | |
| 每月限量 | 80 | Num(.2) | - | | - | | IN | | IN | |  | | | | |
| UUWiFi设备组 | 140 | Str | - | | - | | SEL | | SEL | |  | | | | |
| 代理商 | 80 | Str | - | | - | | SEL | | SEL | |  | | | | |
| 价格权重 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 无效 / 原值 / 2倍 / 3倍 | | | | |
| 质量权重 | 60 | Str | - | |  | | SEL(\*) | | SEL(\*) | | 无效 / 原值 / 2倍 / 3倍 | | | | |
| 自定义权重 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 无效 / 原值 / 2倍 / 3倍 | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## UUWiFi设备

### 概要信息

### 设备列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| ID | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 设备编号 | 140 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 设备别名 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 在线 | 60 | Str | - | | SEL | | - | | - | | 在线 / 离线 | | | | |
| 组编号 | 60 | Num | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 服务节点 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 使用状态 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 初始 / 正常 / 异常 / 禁用 / 删除 | | | | |
| 设备绑定账号 | 110 | Str | - | | - | | SEL | | SEL | |  | | | | |
| 流量卡编号 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 所在地区 | 80 | Img | - | | - | | - | | - | | **地区** | | | | |
| 代理商 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 调试级别 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 关闭 / 开发调试 / 临时调试 / 内测 / 内测 | | | | |
| 系统版本 | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| 更新周期(秒) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 连接时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 连接IP | 110 | Str | - | | - | | - | | - | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 设备组

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备组列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备组信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 组编号 | 80 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 组名称 | 110 | str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 计费主题 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 不计费 / 按设备 / 按用户账号 / 按代理商 | | | | |
| 设备数量 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 使用数量 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 备注 | 140 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 110 | Str | - | | - | | - | | - | |  | | | | |

### 活动地区

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 活动地区列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有活动地区信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | | 分析 | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 类型 | 80 | Str | - | | SEL | | - | | - | | APP / UUWiFi / VSW / SIMPOOL / GOIP | | | | |
| 设备ID | 180 | Str | - | | IN | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 请求动作 | 80 | Str | - | | SEL | | - | | - | | GET / GSREG / SPUBLISH | | | | |
| 请求IP | 110 | Str | - | | - | | - | | - | |  | | | | |
| 响应值 | 50 | Num | - | | IN | | - | | - | | 0 / 其他响应值 | | | | |
| 响应说明 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 流量(KB) | 80 | Num | - | | - | | - | | - | |  | | | | |
| 交换ID:桥接ID | 200 | Str | - | | - | | - | | - | |  | | | | |
| 版本号 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 请求时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |
| 处理时长 | 80 | Num | - | | - | | - | | - | |  | | | | |

## 启动卡管理

### 启动卡列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 启动卡列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有启动卡信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 启动卡编号 | 140 | Str | <> | | IN | | IN | | IN | |  | | | | |
| 组编号 | 80 | Num | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 绑定设备编号 | 180 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 状态 | 60 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 正常 / 禁用 | | | | |
| 充值号码 | 110 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 已用流量(M) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 余额(元) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 查询日期 | 140 | Date | - | | - | | IN | | IN | |  | | | | |
| 月结日 | 140 | Date | - | | - | | IN | | IN | |  | | | | |
| 查询方式 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 最后充值日期 | 140 | Date | - | | - | | IN | | IN | |  | | | | |
| 充值金额 | 80 | Num(.2) | - | | - | | IN | | IN | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 启动卡组

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 启动卡组列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有启动卡组信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 卡组编号 | 80 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 卡组名 | 80 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 供应商 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 发卡地区 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 发卡运营商 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 网络类型 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 2G / 3G / 4G | | | | |
| 卡大小 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | Sim 大卡 / Micro Sim 中卡 / Nano Sim 小卡 | | | | |
| 月租（元） | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 流量价格(元/M) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 漫游价格(元/M) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 数量 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 流量记录

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量记录列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有流量记录信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 日期+ICCID+地区 | 200 | Str | <> | | - | | - | | - | |  | | | | |
| 卡编号 | 200 | Str | - | | SEL | | - | | - | |  | | | | |
| 卡组 | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| 供应商 | 110 | Str | - | | SEL | | - | | - | |  | | | | |
| 使用地区 | 80 | Img | - | | SEL | | - | | - | | 地区 | | | | |
| 下行流量 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 上行流量 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 统计流量(KB) | 110 | Num | - | | - | | - | | - | | 统计流量 | | | | |
| 统计费用(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 流量资费

### 费率列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 费率列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有费率信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 费率编号 | 110 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 代理商编号 | 140 | Str | - | | SEL | | IN | | IN | |  | | | | |
| 可用地区 | 80 | Img | - | | - | | SEL | | SEL | | 地区 | | | | |
| 计费模式 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 日租 / 用量 | | | | |
| 用量价格(元/M) | 80 | Num(.2) | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 日租价格(元/天) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 日租限速阀值(M) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

注：不能同时日租跟用量;

## 流量账单

### 概要信息

### 流量账单

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量账单列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有流量账单信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 设备编号 | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 流量卡编号 | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 费率编号 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 套餐ID | 110 | Str | - | | - | | - | | - | |  | | | | |
| 日租ID | 80 | Str | - | | - | | - | | - | |  | | | | |
| 流量(M) | 80 | Num | - | | - | | - | | - | | 流量 | | | | |
| UUWiFi会话编号 | 140 | Str | - | | - | | - | | - | |  | | | | |
| 费用(元) | 80 | Num(.2) | - | | IN | | - | | - | |  | | | | |
| 赠送扣除(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 供应商 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 供用折扣 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 卡交换节点 | 80 | Str | - | | SEL | | - | | - | |  | | | | |
| Simp 端口 | 50 | Num | - | | - | | - | | - | |  | | | | |
| APP编号 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 国家码 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 所在地区 | 80 | Img | - | | SEL | | - | | - | | 地区 | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 用户流量

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 用户流量列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有用户流量信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 用户账号 | 200 | Num | - | | IN | | - | | - | |  | | | | |
| 代理商 | 2000 | Str | - | | SEL | | - | | - | |  | | | | |
| 统计流量(G) | 110 | Num | - | | - | | - | | - | | 统计流量 | | | | |
| 统计费用(元) | 110 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |

### 设备流量

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备流量列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备流量信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 设备编号 | 200 | Str | - | | IN | | - | | - | |  | | | | |
| 设备别名 | 200 | Str | - | | - | | - | | - | |  | | | | |
| 设备组 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 代理商 | 140 | Str | - | | SEL | | - | | - | |  | | | | |
| 统计流量(G) | 110 | Num | - | | - | | - | | - | | 统计流量 | | | | |
| 统计费用(元) | 110 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 使用时长 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 统计时段 | 140 | Date | - | | SEL | | - | | - | |  | | | | |

### 卡流量

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 卡流量列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有卡流量信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 日期+ICCID+地区 | 300 | Str | <> | | - | | - | | - | |  | | | | |
| 卡编号 | 140 | Str | - | | IN | | - | | - | |  | | | | |
| 卡组 | 80 | Num | - | | IN | | - | | - | |  | | | | |
| 供应商 | 140 | Str | - | | SEL | | - | | - | |  | | | | |
| 使用地区 | 80 | Img | - | | SEL | | - | | - | | 地区 | | | | |
| 下行流量 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 上行流量 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 统计流量(G) | 110 | Num | - | | - | | - | | - | | 统计流量 | | | | |
| 统计费用(元) | 110 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |

# 语音业务

## 软交换服务

### 软交换节点

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 软交换节点列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有软交换节点信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 110 | Str | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 主机名 | 110 | Str | - | | IN | | IN (\*) | | IN (\*) | |  | | | | |
| 状态 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 正常运行 / 服务器有异常需要管理员介入处理 / 已关机 / 等待关机 / 服务器出错 | | | | |
| 最多在线数 | 60 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 最多通话数 | 60 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 地址 | 110 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 端口 | 50 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 地区 | 80 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 管理员 | 80 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 地区编码 | 60 | Num | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 运营商 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 宽带(M) | 60 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 级别 | 60 | Num | - | | SEL | | SEL(\*) | | SEL(\*) | | 1 / 2 / 3 / 4 / 5 | | | | |
| ESXI主机 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| CPU信息 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 内存(G) | 60 | Str | - | | - | | IN | | IN | |  | | | | |
| 硬盘(G) | 60 | Str | - | | - | | IN | | IN | |  | | | | |
| 硬盘使用率(%) | 60 | Str | - | | - | | IN | | IN | |  | | | | |
| 开机时间 | 140 | Date | - | | - | | SEL | | SEL | |  | | | | |
| 备注 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 落地线路

### 线路列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 线路列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有线路信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 线路名 | 110 | Str | - | | IN | | IN (\*) | | IN (\*) | |  | | | | |
| 信任 | 50 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 是 / 否 | | | | |
| 注册 | 50 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 是 / 否 | | | | |
| 账号 | 110 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 域名 | 80 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| IP地址 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 注册周期(秒) | 80 | Num | - | | - | | IN | | IN | |  | | | | |
| 端口号 | 50 | Num | - | | - | | IN | | IN | |  | | | | |
| 前缀 | 60 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 替换 | 60 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 是 / 否 | | | | |
| 状态 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 正常可用 / 已断开 / 其他错误 / 维护 | | | | |
| 线路数 | 60 | Num | - | | - | | IN | | IN | |  | | | | |
| 媒体转换 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | | 是 / 否 | | | | |
| VPX服务器 | 80 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 供应商 | 110 | Str | - | | SEL | | SEL | | SEL | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## Goip设备

### 概要信息

### 设备列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 110 | Str | <> | | IN | | IN(\*) | | - | |  | | | | |
| 名称 | 110 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 组编号 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 型号 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 认证名 | 80 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 认证密码 | 80 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 认证周期(秒) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 认证时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| IP地址 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 端口号 | 50 | Num | - | | IN | | - | | - | |  | | | | |
| 设备状态 | 80 | Str | - | | SEL | | - | | - | | 正常 / 已断开连接 / 服务器允许异常 | | | | |
| SIP在线 | 50 | Img | - | | SEL | | SEL | | SEL | | 在线 / 离线 | | | | |
| 端口数量 | 50 | Num | - | | - | | - | | - | |  | | | | |
| 卡交换节点 | 80 | Str | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| SIP地址端口 | 50 | Num | - | | - | | - | | - | |  | | | | |
| SIP认证周期(秒) | 80 | Num | - | | - | | - | | - | |  | | | | |
| SIP认证时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 设备组

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备组列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备组信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 设备组ID | 110 | Str | <> | | IN | | IN(\*) | | - | |  | | | | |
| 设备组名 | 110 | Str | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 代理商 | 140 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 备注 | 140 | Str | - | | IN | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 110 | Str | - | | - | | - | | - | |  | | | | |

### 设备端口

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 设备端口列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有设备端口信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 110 | Str | <> | | - | | - | | - | |  | | | | |
| Goip编号 | 140 | Str | - | | SEL | | - | | - | |  | | | | |
| 端口号 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 端口状态 | 60 |  | - | | - | | - | | - | |  | | | | |
| UUWiFi编号 | 180 | Str | - | | SEL | | - | | - | |  | | | | |
| ICCID | 180 | Str | - | | - | | - | | - | |  | | | | |
| 用户账号 | 140 | Num | - | | IN | | - | | - | |  | | | | |
| 使用次数 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 使用时长(秒) | 80 | Num | - | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 呼叫路由

### 外呼路由

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 外呼路由列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有路由信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 140 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 被叫号码前缀 | 110 | Num | - | | IN | | IN | | IN | | 被叫号码前缀 | | | | |
| 被叫号码域 | 110 | Str | - | | - | | IN | | IN | |  | | | | |
| 线路 | 140 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 前缀位数 | 110 | Num | - | | - | | IN | | IN | |  | | | | |
| 增加前缀 | 110 | Num | - | | IN | | IN | | IN | |  | | | | |
| 备注 | 140 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 通话费

### 费率列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 费率列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有费率信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 费率ID | 110 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 计费模式 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 呼叫(分钟) / 短信(条数) | | | | |
| 呼叫方向 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 外呼(发送) / 入呼(接收) / 双方向 | | | | |
| 呼叫前缀 | 60 | Num | - | | IN | | IN(\*) | | IN(\*) | | 呼叫前缀 | | | | |
| 代理商编号 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 地区编码 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 在线呼叫价格(元) | 110 | Num（.2） | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 落地呼叫价格(元) | 110 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 落地回拨价格(元) | 110 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| Goip呼叫价格(元) | 110 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| Goip回拨价格(元) | 110 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 短信价格 | 80 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 历史话单

### 概要信息

### 历史话单

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 历史话单列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有话单信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 类型 | 60 | Str | - | | SEL | | - | | - | | 在线呼叫 / 落地呼叫 / 落地回拨 / Goip呼叫 / Goip回拨 / Goip短信 / ViFi数据上网 | | | | |
| 方向 | 80 | Img | - | | SEL | | - | | - | | 呼入（接收） / 呼出（发送） | | | | |
| 长途 | 60 | Str | - | | SEL | | - | | - | | 市话 / 国际 / 未知 | | | | |
| 费率编号 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 被叫号 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 主叫号 | 110 | Num | - | | - | | - | | - | |  | | | | |
| 被叫号码 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 开始时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 应答时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 结束时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 呼叫时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 费用(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| VPX服务器 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 线路编号 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 挂机方 | 110 | Str | - | | - | | - | | - | |  | | | | |
| 挂机原因 | 110 | Str | - | | - | | - | | - | |  | | | | |
| Goip端口 | 50 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

### 话单统计

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 话单统计列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有话单统计信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 统计月+用户账号 | 200 | Str | <> | | - | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | - | | - | |  | | | | |
| 在线外呼 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 落地外呼 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 落地回拨 | 60 | Num | - | | - | | - | | - | |  | | | | |
| Goip入呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip外呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip回拨 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 在线失败入呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 在线失败外呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 落地失败外呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 落地失败回拨 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip失败入呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip失败外呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip失败回拨 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 在线短入呼 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 在线短外呼 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 落地外呼 | 60 | Num | - | | - | | - | | - | |  | | | | |
| 落地回拨 | 60 | Num | - | | - | | - | | - | |  | | | | |
| Goip短入呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip短外呼 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip短回拨 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 在线呼叫时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 落地呼叫时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 落地回拨时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip入呼时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip外呼时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| Goip回拨时长 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 费用(元) | 80 | Num(.2) | - | | - | | - | | - | |  | | | | |
| 起止时间 | 140 | Date | - | | SEL | | - | | - | |  | | | | |

# 套餐管理

## 设备日租

### 日租列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 日租列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有日租信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 编号 | 110 | Num | <> | | - | | IN(\*) | | IN(\*) | |  | | | | |
| UUWiFi编号 | 180 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 用户账号 | 110 | Num | - | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 租期开始时间 | 140 | Date | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 租期结束时间 | 140 | Date | - | | - | | SEL(\*) | | SEL(\*) | |  | | | | |
| 流量上限(M) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 限速流量(M) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 日租价格(元) | 80 | Num（.2） | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 允许地区 | 80 | Img | - | | - | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 今日流量(M) | 80 | Num | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

## 流量套餐

### 套餐列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 流量套餐列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有套餐信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 套餐ID | 140 | Num | <> | | IN | | IN(\*) | | IN(\*) | |  | | | | |
| 代理商 | 110 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | |  | | | | |
| 所在地区 | 80 | Img | - | | SEL | | SEL(\*) | | SEL(\*) | | 地区 | | | | |
| 套餐名称 | 80 | Str | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 套餐关联 | 80 | Str | - | | SEL | | SEL(\*) | | SEL(\*) | | 关联设备 / 关联账号 | | | | |
| 套餐描述 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 套餐数值 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 限值 | 80 | Num | - | | - | | - | | - | |  | | | | |
| 价格(元) | 80 | Num(.2) | - | | - | | IN(\*) | | IN(\*) | |  | | | | |
| 货币单位 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 有效期 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 备注 | 80 | Str | - | | - | | IN | | IN | |  | | | | |
| 修改时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | - | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | - | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | - | | - | | - | | - | |  | | | | |

# 统计报表

## 每日统计

### 统计列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 每日统计列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有每日统计信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 统计日期 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 在线入呼数 | 60 | Num | <> | |  | |  | |  | |  | | | | |
| 在线外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 落地外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 落地回拨数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip入呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip回拨数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 在线失败入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地失败回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线短入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线短外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip接收短信数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip发送短信数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| ViFi下行流量(M) | 80 | Num | <> | | - | | - | | - | |  | | | | |
| ViFi上行流量(M) | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | <> | | - | | - | | - | |  | | | | |

## 月度统计

### 统计列表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 页面名称 | 每日统计列表 | | | | | | | | | | | | | | |
| 描述 | 显示所有每日统计信息 | | | | | | | | | | | | | | |
| 页面类型 | 列表 | | | | | | | | | | | | | | |
| 工具栏 |  |  | |  | |  | | 详 | | 增 | | 改 | 删 | 设 | 查 |
| 其它要求 |  | | | | | | | | | | | | | | |
| 列名 | 宽度 | 显示 | 排序 | | 搜索 | | 新增 | | 编辑 | | 约束备注 | | | | |
| 统计月+用户账号 | 200 | Num | <> | | - | | - | | - | |  | | | | |
| 用户账号 | 110 | Num | <> | | - | | - | | - | |  | | | | |
| 统计月 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线入呼数 | 60 | Num | <> | |  | |  | |  | |  | | | | |
| 在线外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 落地外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 落地回拨数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip入呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip回拨数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 在线失败入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地失败回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip失败回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线短入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 在线短外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 落地外呼数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| 落地回拨数 | 60 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短入呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短外呼数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| Goip短回拨数 | 80 | Num | <> | | - | | - | | - | |  | | | | |
| 修改时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 修改人 | 80 | Str | <> | | - | | - | | - | |  | | | | |
| 创建时间 | 140 | Date | <> | | - | | - | | - | |  | | | | |
| 创建人 | 80 | Str | <> | | - | | - | | - | |  | | | | |

# 系统日志

## 管理系统日志

### 日志列表

## 服务接口日志

### 日志列表

## 计费系统日志

### 日志列表

## 卡调度服务日志

### 日志列表

## 卡交换系统日志

### 日志列表

## 软交换系统日志

### 日志列表

## 消息日志

### 日志列表

## APP日志

### 日志列表