# 预置条件

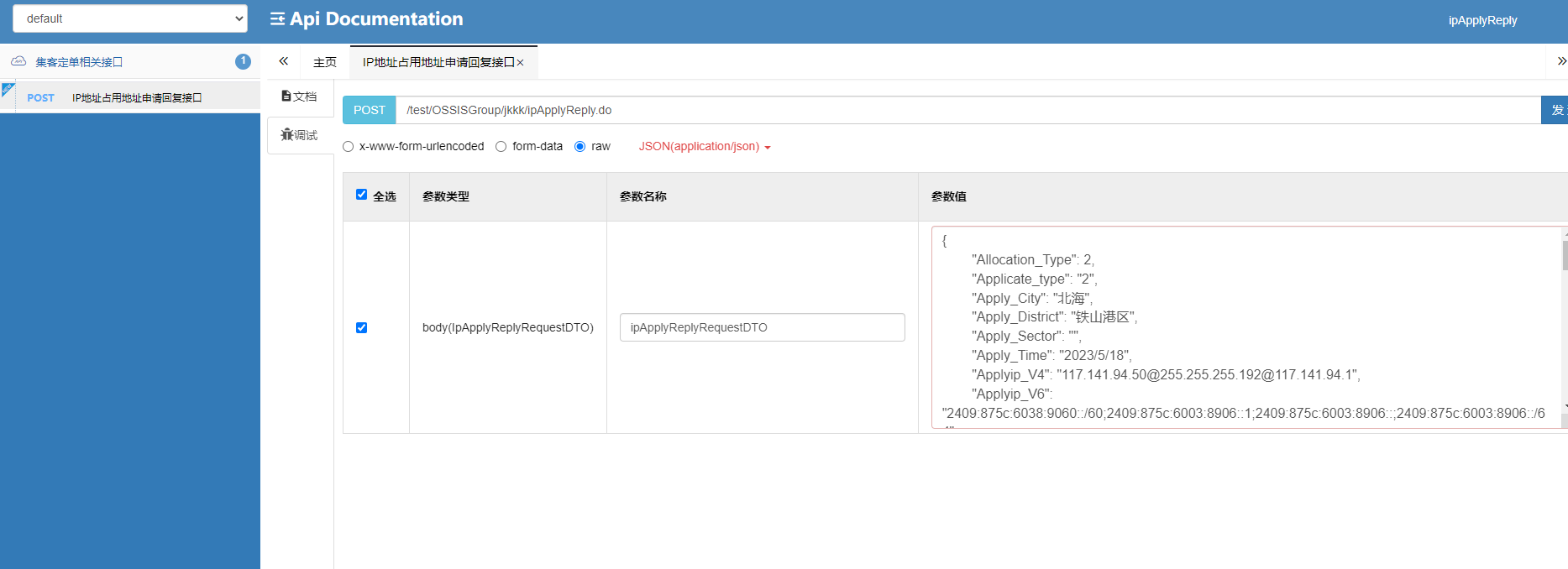
1. 更新微服务V1的group模块

# 预期结果

1. 在IP申请回复，IP激活回复时，正确回写到om\_order\_ip\_main\_info、om\_order\_service\_ip\_info、om\_order\_service\_ipv6\_info表中。

# 测试步骤

1. 以boss工单号77130009281014为例，模拟ip申请回复 ipApplyReply



模拟报文

{

"Allocation\_Type": 2,

"Applicate\_type": "2",

"Apply\_City": "北海",

"Apply\_District": "铁山港区",

"Apply\_Sector": "",

"Apply\_Time": "2023/5/18",

"Applyip\_V4": "117.141.94.50@255.255.255.192@117.141.94.1",

"Applyip\_V6": "2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64",

"Business\_Id": "互联网专线营销计划（极速光纤）",

"Certificate\_Class": "50",

"Certificate\_Num": "91450512MA5NXT7X06",

"Contact\_Email": "13877989861@139.com",

"Contact\_Name": "集团",

"Contact\_Tel": "15207708375",

"Customer\_Add": "广西北海铁山港区兴港镇川江村委兴港镇太阳纸业(集客)办公楼5楼16机柜",

"Customer\_City": "北海",

"Customer\_Name": "铁山港区",

"Customer\_Prince": "广西",

"Customer\_district": "铁山港区",

"Deal\_Satus": 200,

"Device\_Name": "北海铁山港区兴港镇川江村委兴港镇太阳纸业(集客)-ONU001-HW-MA5626",

"Fail\_Code": null,

"Failed\_Reason": "",

"Industry\_Class": "2",

"Ip\_Ordernum": "57714921\_559321385",

"Network\_Type": 0,

"Order\_Subject": "",

"Order\_Type": 0,

"PORT\_INFO": "lag-224",

"Protocol\_Type": "3",

"Reassign\_Unit": "",

"Special\_City": "北海",

"Special\_Code": "97110408974",

"Special\_District": "铁山港区",

"Stl\_Type": 0,

"Unit\_Class": "2",

"Unit\_Level": 9,

"Unit\_Nature": 2,

"Use\_Aera": 1,

"Use\_Type": "1",

"User\_Email": "13877989861@139.com",

"User\_Mobile": "15777994202",

"User\_Name": "莫超芳\_北海集客支撑中心订单员（政企直销）",

"V4\_needCount": "1",

"V6\_Pre": 1,

"V6\_needCount": "1",

"domain\_ipv4": "add-117.141.94.0/26",

"domain\_ipv6": "add-117.141.94.0/26",

"iesOrVprn": "ies 10",

"ndpoolname": "",

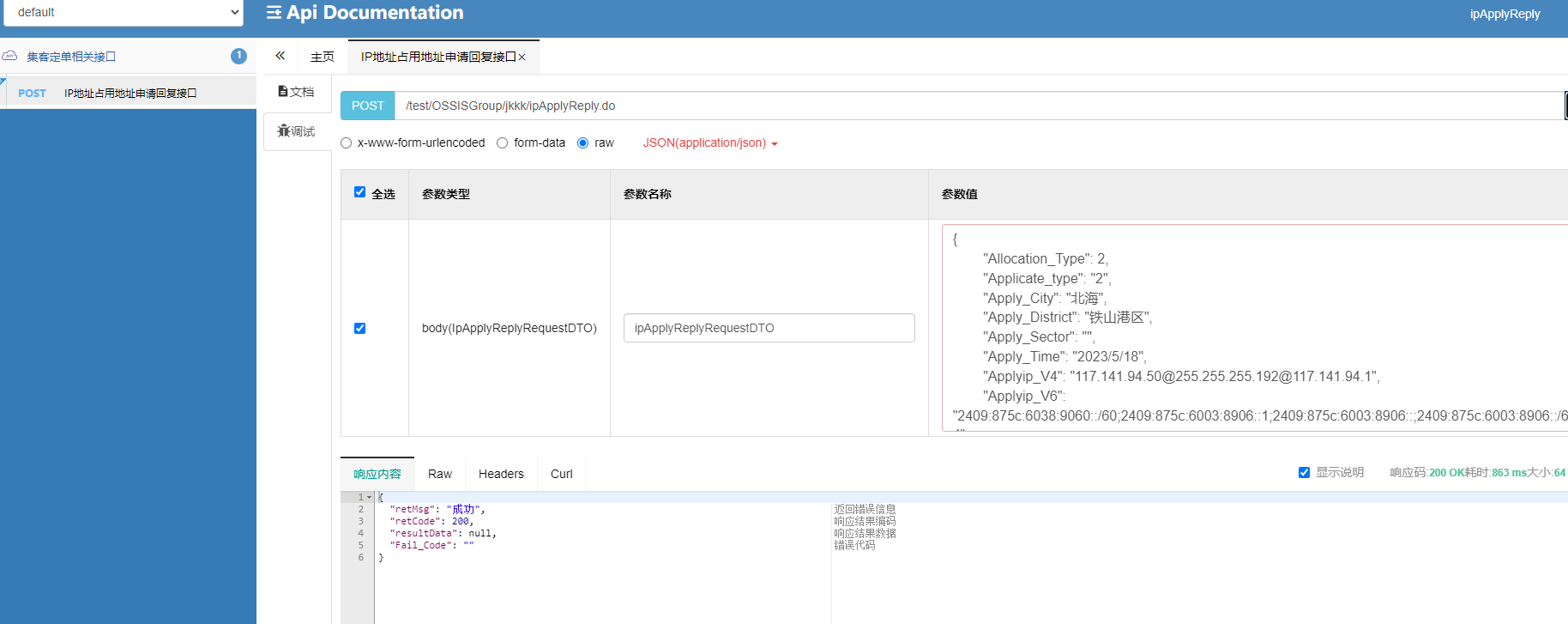
"vbui": "",

"vpn\_ipv4": "lag-224-117.141.94.0/26",

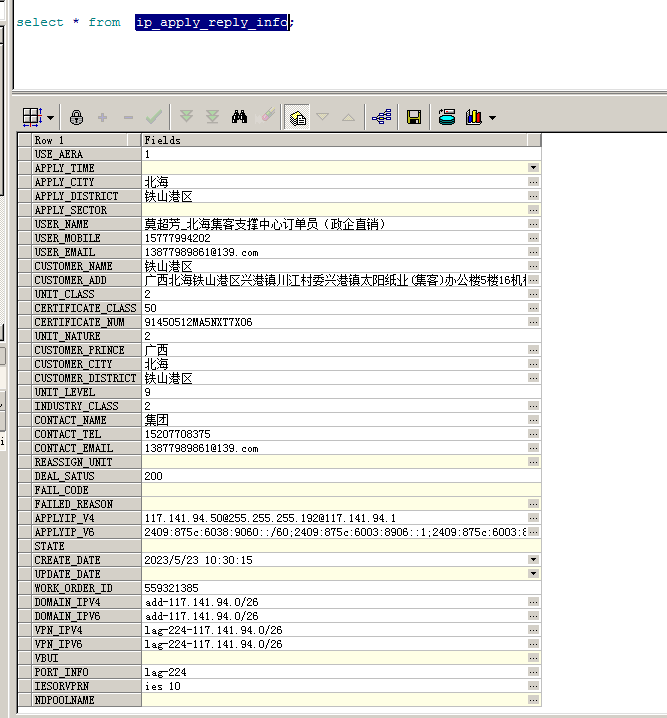
"vpn\_ipv6": "lag-224-117.141.94.0/26"

}

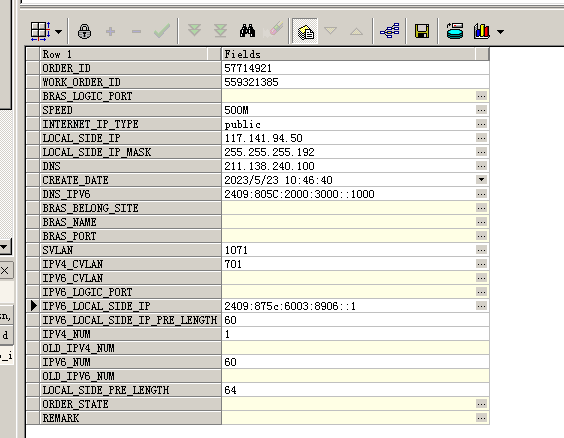
如下图所示，调用成功



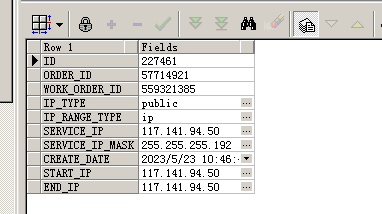
数据正常入库到ip\_apply\_reply\_info



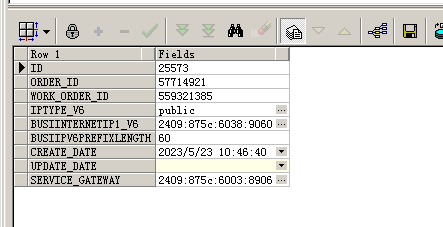
回写到select \* from om\_order\_ip\_main\_info f where f.order\_id = 57714921;



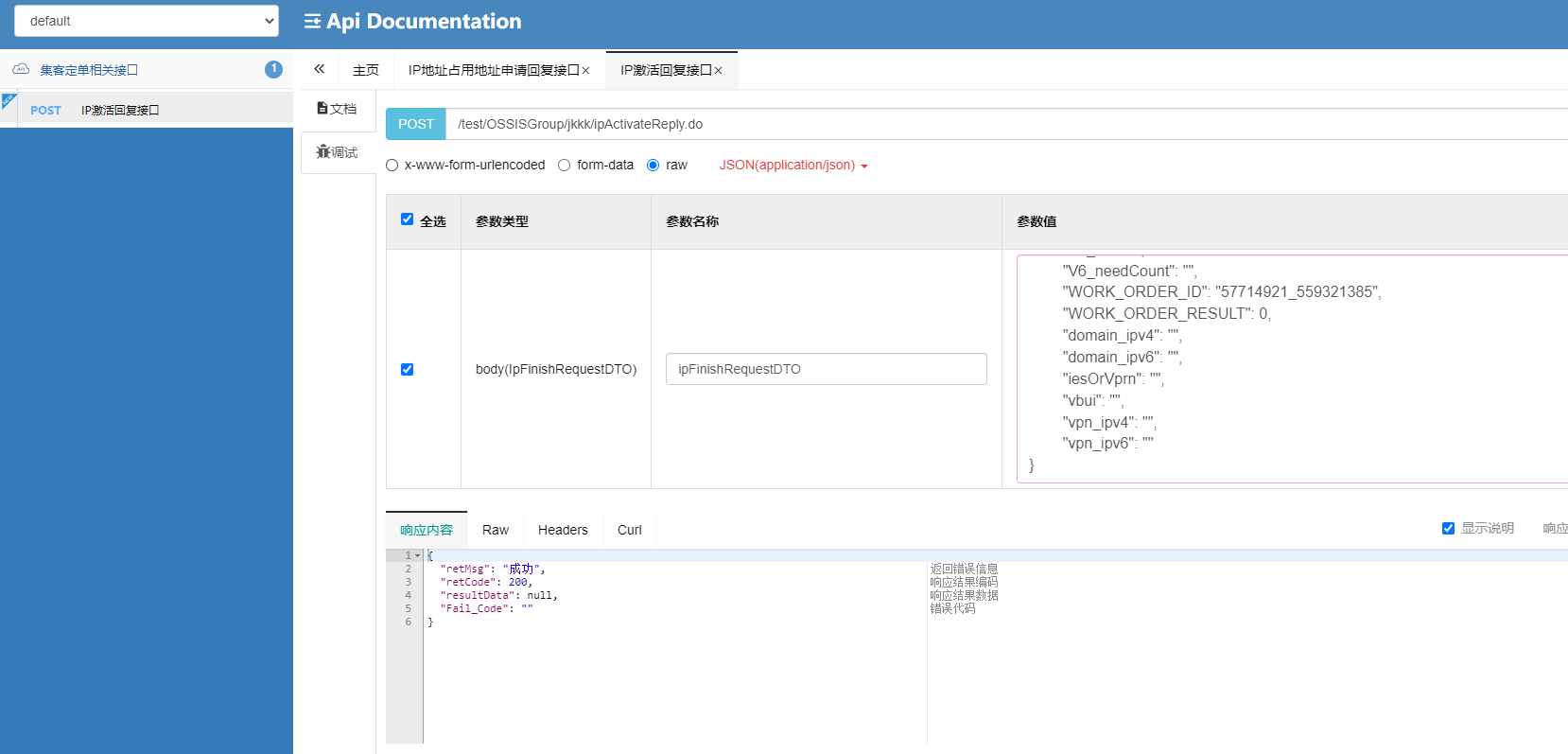
select \* from om\_order\_service\_ip\_info f where f.order\_id = 57714921;



select \* from om\_order\_service\_ipv6\_info f where f.order\_id = 57714921;



1. 然后再模拟回调激活回复接口



模拟报文

{

"AREA\_CODE": "防城港",

"BAND\_WIDTH": "2M",

"BRAS\_IP": "221.180.120.8",

"BRAS\_NAME": "防城港市防城区商务局里火口岸(专线)-ONU001-ZX-F804",

"CONVER\_NAME": "",

"CONVER\_UPLINK": "",

"CVLAN": 700,

"Fail\_CODE": "",

"IPV4": "218.204.54.125@255.255.255.192@218.204.54.65",

"IPV6": "2409:875c:6610:60::/60;2409:875c:6601:6::1;2409:875c:6601:6::/64",

"OLT\_NAME": "防城港防城区滩散基站-OLT001-ZX-C300",

"OLT\_UPLINK": "",

"ORDER\_TYPE": "",

"PORT\_DESCRIBE": "",

"PORT\_INFO": "",

"Protocol\_Type": "",

"RESERVE\_1": "",

"RESERVE\_2": "",

"RE\_REST\_MSG": "",

"SERVICE\_TYPE": "",

"SPECIAL\_CODE": "",

"SUB\_INTERFACE": "lag-13:1001.700",

"SVLAN": 0,

"SYS\_FROM": "",

"Special\_District": "",

"V4\_needCount": "",

"V6\_Pre": 0,

"V6\_needCount": "",

"WORK\_ORDER\_ID": "57714921\_559321385",

"WORK\_ORDER\_RESULT": 0,

"domain\_ipv4": "",

"domain\_ipv6": "",

"iesOrVprn": "",

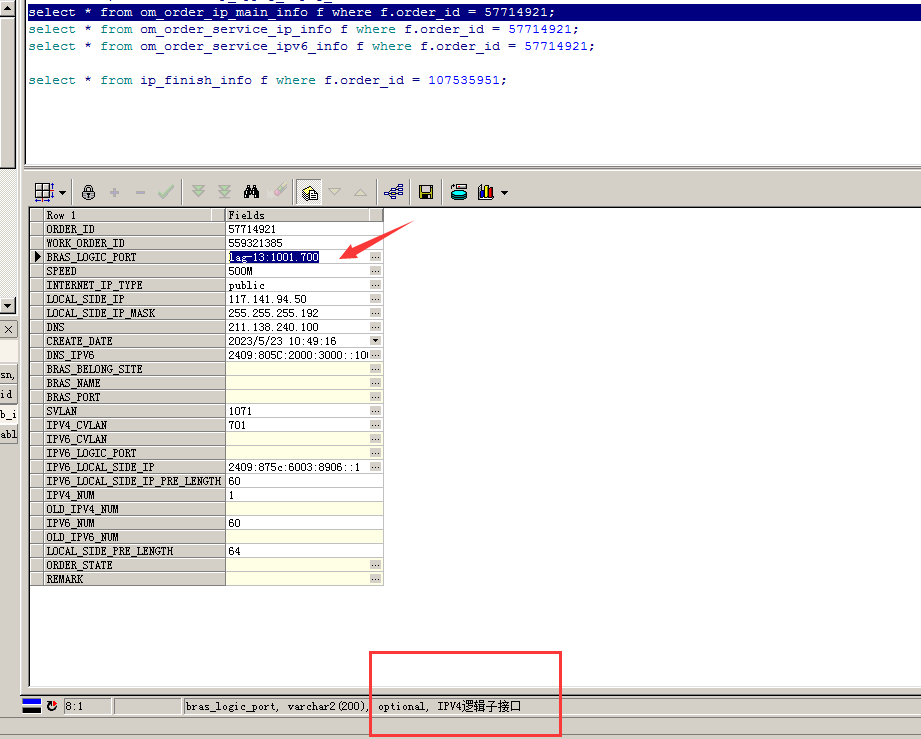
"vbui": "",

"vpn\_ipv4": "",

"vpn\_ipv6": ""

}

成功之后，会更新



1. 回写之后效果展示



# 测试结果

测试通过

# 逻辑说明

## 局端设备

局端站点 om\_order\_ip\_main\_info.BRAS\_BELONG\_SITE 来源inf\_res\_output.cmnet\_site

--资源给的为空

局端业务设备 om\_order\_ip\_main\_info.BRAS\_NAME 来源inf\_res\_output.cmnet\_srma

--资源给的为空

局端设备端口 om\_order\_ip\_main\_info.BRAS\_PORT 来源inf\_res\_output.cmnet\_sr\_port

--资源给的为空

## VLAN资源

外层VLAN(SVLAN) om\_order\_ip\_main\_info.svlan 来源inf\_res\_output.svlan

IPV4内层VLAN om\_order\_ip\_main\_info.ipv4\_cvlan 来源inf\_res\_output.cvlan

IPV4逻辑子接口 om\_order\_ip\_main\_info.BRAS\_LOGIC\_PORT

来源：select f.sub\_interface from ip\_finish\_info f where f.order\_id = ?;--ip激活回复的时候

速率模版 om\_order\_ip\_main\_info.speed

来源：SELECT a.character\_value FROM om\_indep\_prod\_order\_attr a

where a.service\_order\_id = #{orderId} and a.character\_id = 72092 and rownum = 1

IPV6内层VLAN om\_order\_ip\_main\_info.IPV6\_CVLAN 来源：无

IPV6逻辑子接口 om\_order\_ip\_main\_info.IPV6\_LOGIC\_PORT 来源：无

## 互联IP资源

公网/私网 om\_order\_ip\_main\_info.INTERNET\_IP\_TYPE

来源：select decode(f.network\_type, 0, 'public', 'private') from ip\_apply\_reply\_info f where f.order\_id = ?

IPV4局端互联IP om\_order\_ip\_main\_info.LOCAL\_SIDE\_IP

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 取117.141.94.1

DNS-IPV4 om\_order\_ip\_main\_info.DNS

来源：写死211.138.240.100

IPV6前缀长度 om\_order\_ip\_main\_info.IPV6\_LOCAL\_SIDE\_IP\_PRE\_LENGTH

来源 ip\_apply\_reply\_info.applyip\_v6字段解析得来

如值2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64

取第一个;之前的IP里的长度，2409:875c:6038:9060::/60，即60

子网掩码-IPV4 om\_order\_ip\_main\_info.LOCAL\_SIDE\_IP\_MASK

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 取255.255.255.192

IPV6局端互联IP om\_order\_ip\_main\_info.IPV6\_LOCAL\_SIDE\_IP

来源 ip\_apply\_reply\_info.applyip\_v6字段解析得来

如值2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64

取第二个;之前的IP--2409:875c:6003:8906::1

DNS-IPV6 om\_order\_ip\_main\_info.DNS\_IPV6

来源：写死2409:805C:2000:3000::1000

局端前缀长度 om\_order\_ip\_main\_info.LOCAL\_SIDE\_PRE\_LENGTH

来源 ip\_apply\_reply\_info.applyip\_v6字段解析得来

如值2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64

取第三个;之后的IP里的长度，2409:875c:6003:8906::/64，即64

## IPV4的业务配置

公网/私网 om\_order\_service\_ip\_info.ip\_type

来源：来源：select decode(f.network\_type, 0, 'public', 'private') from ip\_apply\_reply\_info f where f.order\_id = ?

IP地址/IP地址池 om\_order\_service\_ip\_info.ip\_range\_type

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 是单个IP，所以值为ip

如 117.141.94.50\_59@255.255.255.192@117.141.94.1 是IP段，所以值为ipRange

业务起始IP地址 om\_order\_service\_ip\_info.start\_ip

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 是单个IP，所以值为117.141.94.50

如 117.141.94.50\_59@255.255.255.192@117.141.94.1 是IP段，所以值为117.141.94.50

业务结束IP地址 om\_order\_service\_ip\_info.end\_ip

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 是单个IP，所以值为117.141.94.50

如 117.141.94.50\_59@255.255.255.192@117.141.94.1 是IP段，所以值为117.141.94.59

业务IP地址子网掩码 om\_order\_service\_ip\_info.service\_ip\_mask

来源 ip\_apply\_reply\_info.applyip\_v4字段解析得来

如 117.141.94.50@255.255.255.192@117.141.94.1 是单个IP，所以值为255.255.255.192

## IPV6的业务配置

公网/私网 om\_order\_service\_ipv6\_info.iptype\_v6

来源：select decode(f.network\_type, 0, 'public', 'private') from ip\_apply\_reply\_info f where f.order\_id = ?

业务互联IP om\_order\_service\_ipv6\_info.BUSIINTERNETIP1\_V6

来源 ip\_apply\_reply\_info.applyip\_v6字段解析得来

如值2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64

取第一个;之前的IP，2409:875c:6038:9060::

前缀长度 om\_order\_service\_ipv6\_info.BUSIIPV6PREFIXLENGTH

来源 ip\_apply\_reply\_info.applyip\_v6字段解析得来

如值2409:875c:6038:9060::/60;2409:875c:6003:8906::1;2409:875c:6003:8906::;2409:875c:6003:8906::/64

取第一个;之前的IP里的长度，2409:875c:6038:9060::/60，即60