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"IP + MAC + +
"

IP MAC 802.1X OUI

/	
MAC	Media Access Control Address
IP	IP Address Pool IP
OUI	Organizationally Unique Identifier MAC 24
DPI	Deep Packet Inspection
802.1X	IEEE
EAPoL	Extensible Authentication Protocol over LAN
SAM+	Security Access Manager Plus
COA	Change of Authorization

1 1
1.1 1
1.2 1
1.3 1
2 1
2.1 2
2.2 3
2.3 3
2.3.1 MAC 3
2.3.2 3
3 4
3.1 4
3.2 IoT 6
4 8

1

IP + MAC +

+

1.1

MAC MAC

IP IP

MAC

IP

+ MAC+ +

1.2

1-1

MAC		
IP		
		MAC
	IP-MAC	MAC

1.3

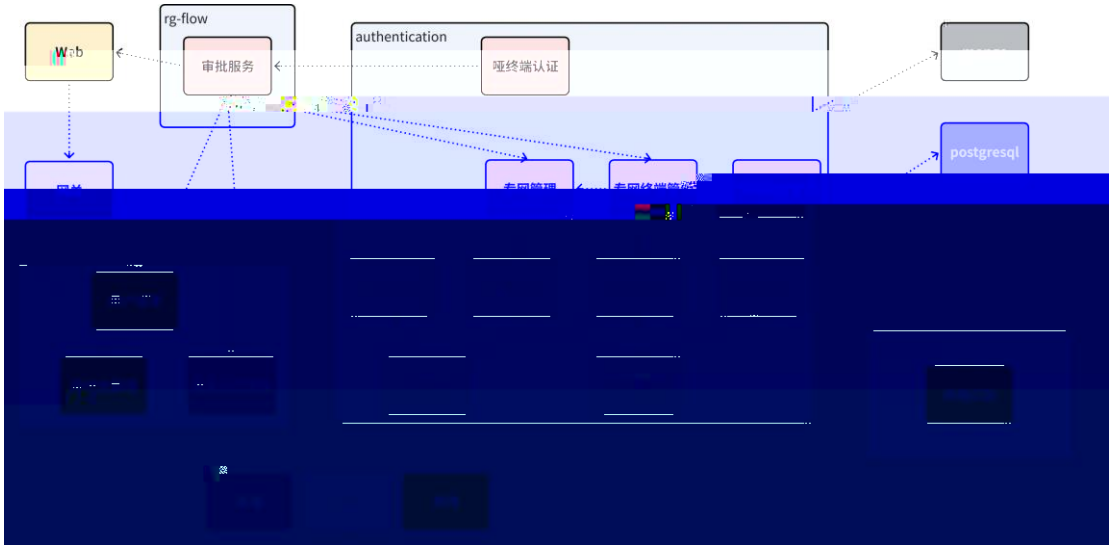
MAC

IP

2

2-1

2.2



(1) IP IP IP IP

(2) Web Portal/ IP

(3) 802.1X MAC IP-MAC IP-MAC

(4)

2.3

2.3.1 MAC

(1) MAC

802.1X IP 802.1X MAC EAPoL

(2) MAC IP **IP MAC**

IP MAC

2.3.2

a **MAC** MAC 24 OUI IEEE

Apple Huawei Apple /

b DPI HTTP/HTTPS

c

3

3.1

IP MAC

a

a

返回 | 入网审批单
申请人
limeng
业务主管
aleng003
分配ip
172.17.90.5
复制
终端类型
主题
可交互终端/电脑
测试主题
审批进度
申请人发起
limeng 2025-09-24 22:03:20
提交
业务主管

c /

哑终端MAC认证
本地哑终端
资产管理哑终端
哑终端MAC
设备IP
终端IP
连接状态
是否专网终端
专网
预警
是否处于黑名单
查询
重置
新增
批量操作
172.17.9.177
172.17.90.10
申请：其他
测试专网
172.17.90.5
可交互终端/电脑

d

哑终端MAC认证
哑终端MAC
设备IP
终端IP
连接状态
查询
重置
申请：可交互终端/电脑
10条/页
共3条

e /

IP IP

3.2 IoT

IoT IP

MAC IoT

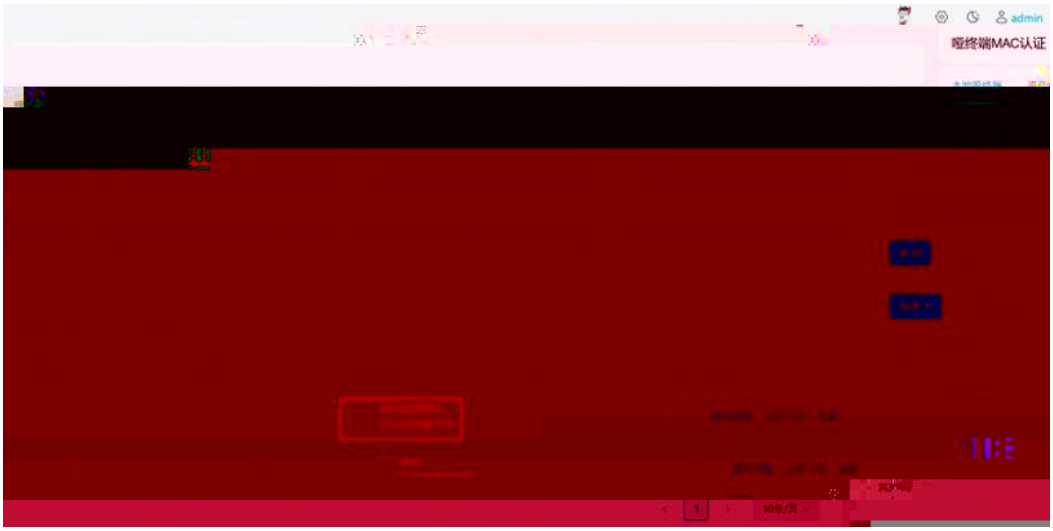
a IoT IOT IP 10.0.3.0-10.0.4.0

b 3 / IP SAM+ IP 10.0.3.0, 10.0.3.1, 10.0.3.2

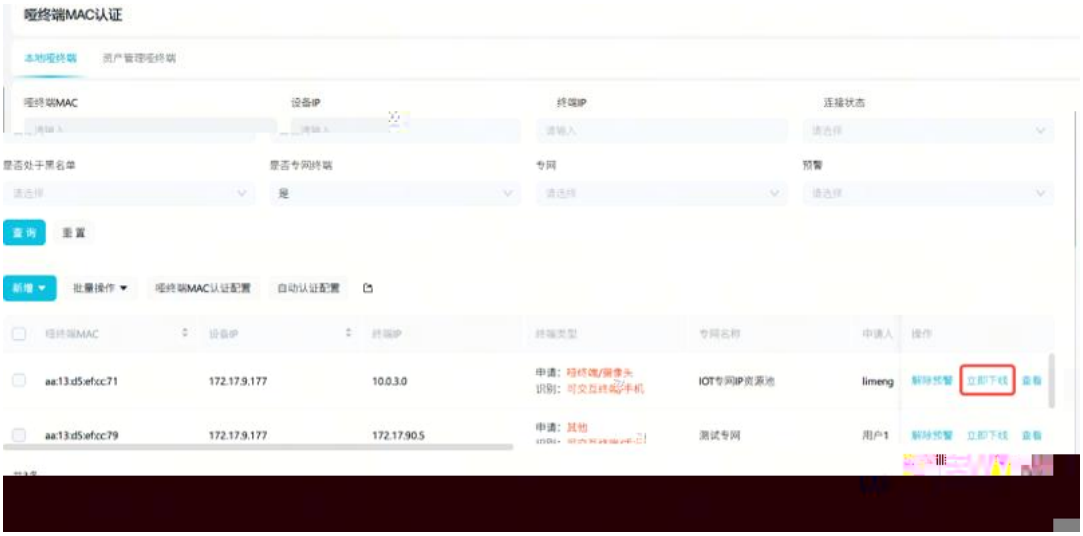
c IP

d IoT IP MAC

e /



f



MAC IoT MAC IP

IoT

4

IP IP

/AC MAB IP

AI

1