

copyright © 2025

"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

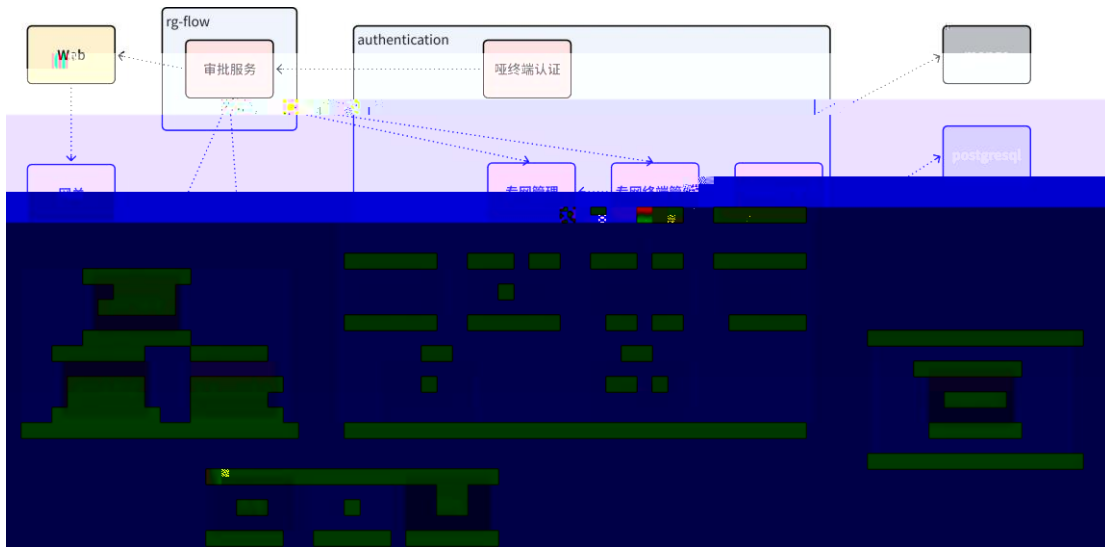
IP

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) 802.1X IP MAC 802.1X MAC EAPoL
- (2) MAC IP IP MAC

2.3.2

- a **MAC** MAC 24 OUI IEEE
Apple Huawei Apple /
- b DPI HTTP/HTTPS
- c

3

3.1

IP

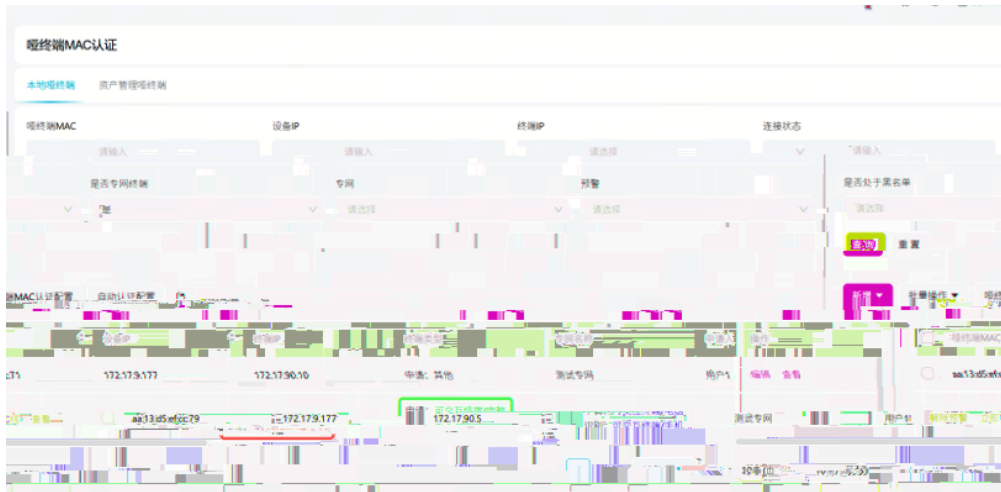
MAC

a



c

/

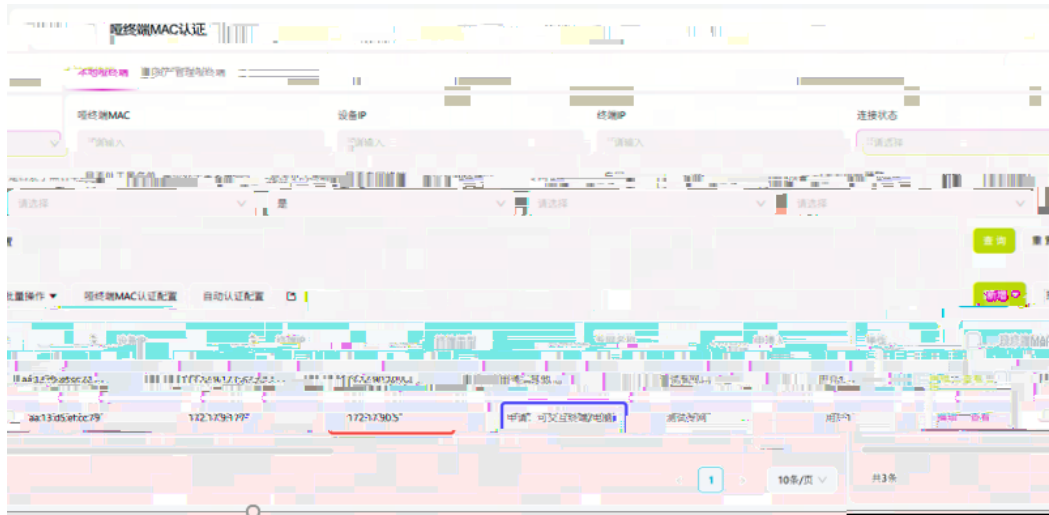


d



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



4

MAC IoT MAC IP
IoT

IP IP
/AC MAB IP

AI

1