WEB

RGOS11.9(6)B2

ă ⁶ ν χ Y413

f r s | u l j k w ¨ 5353 ج à ﻝ ﻡ

/

3.

ė q ʒ æ ب ˝ ሰ ̀ ▯ ላ Æ ɻ ʒ ª ḫ ☾ ᴵ Ḟ j ላ ı ḫ ☾ Ḥ Ă ₳ ₓ ļ ˜ Y Ł ᴿ ғ ß ˝ Ă ˜ Ḥ ' Y ▯ ላ Æ ɻ ʒ ف Φ ب ل

ė q ሰ ̀ ʒ æ ▯ Ǐ ˜ ʒ Ụ ₳ ᴵ Ḟ ᵍ ω Ʊ Ę ғ ß ላ ̊ ▯ ɲ ķ ε ḅ ғ ß ʒ ᴺ ω ك ላ ζ ı ʊ ч Ǐ ˜ ʒ Ụ ت Ⓠ ḫ ☾ Æ ŧ ▯ ф ᵎ ʒ Ụ ₶ ́

ė q ₳ ≟ ʒ ▯ ب ᵎ ᴴ ʒ ب ᵎ ᴴ ғ ß g ‰ ı Ꮆ ̀ ́ ̃ ̊ Ỵ Θ ï ▯ ب ᵎ ᴴ ı Ⓠ ʒ ბ Φ ́ ب ᵎ в ρ ▯ s Ṕ Ґ ̋ Ω

1 AP-Eweb ה ﻝ ف ﻝ

1.1 † ب

WEB ٦ ת ן ص Æ ŧ ╞ ŋ ʰ ɛ þ IE ζ ևּ ڎ WEB ٦ ת ﻥ ﻝ ſ ٦ ת AP ֆ ŧ

WEB ٦ ת γ ύ WEB Ὸ ה ʰ ⊐ WEB ¡ Ï A ٦ ђ ֆ ̓ WEB Ὸ ה ʰ ﻉ ă ƍ ֆ ŧ i ı ŧ ſ ì ὼ ⊐ ſ ת ¡ Ï A ٦ ∧ ſ ت ∂ ı Ẋ " H ſ ת ل ' ف ŧ ﻝ ¡ Ï A ٦ ı WEB ¡ Ï A ٦ ן Ẃ " Y ل ﻝ ╞ ŋ ʰ ı þ IE

AP

1.2 ט ц ҙ ∀

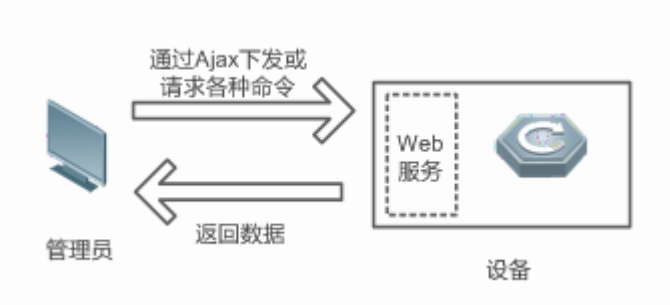
ɛ ʒ Ẓ ŧ	ʃ ˜ ὼ ك
ן ص WEB ٦ ת ֆ ŧ	٦ ת ^ ן ص ╞ ŋ ʰ ևּ ڎ ֆ ŧ ı Æ ŧ WEB ٦ ת ﻥ ﻝ Ḿ ֆ ŧ ف Φ ب ل ٦ ת

1.2.1 ڗ ο WEB ٧ Þ ⊦ ſ

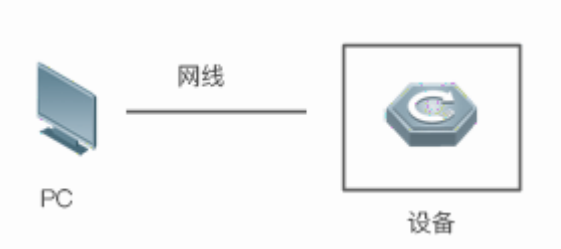
ҙ ∀ ş Ạ

þ ï ƍ Ï A ˜ ı ٦ ת ^ ן ص ╞ ŋ ʰ ևּ ڎ ֆ ŧ ı Æ ŧ WEB ٦ ת ﻥ ﻝ Ḿ ֆ ŧ ف Φ ب ل

ƍ 1-1 Ẓ ŧ ö ë



ﻠ ρ ă ﻠ ο þ ڰ ö ë



├ ٍ WEB ר ת ף ֵ ־ ן ص ט ו ִ ר ר ף ׳ ת ם ו ׂ ה ׂ ן ص AJAX ת ∂ ׳ ף ׳ ו ף ׳ ׃ ֹ ת ם ה ׂ ׂ ׳ ֹ ה ף ׳ i õ
Ѧ WEB ֹ ס ת ו ׀ ֹ ת ׂ g ֹ HTTP ɐ ɲ ת ∂

ה ר פ ִ ־

ف ר ر ׀ Ɽ ₱

ز ֹ A ר ֹ ן ∂ χ

ر ר Æ ׳ WEB ר ת ز ֹ A ר ֹ WEB ╞ ף ״ ֿ ֵ ף ׳ WEB ר ת ף ֵ Ѝ ף ׳ ف Φ ר ת ز ֹ A ר ץ Ѝ ־ ן " Y PC ו ֶ ׀ ו ־ ן ־ ן Ƥ ט Ę ֹ ן ע ر ר ן ף ׳ ו ḅ ן ɾ ן ɔ ů IPAD ן ו ṕ j ֹ Ḥ ' Y é ر ר ן ╞ ף

╞ ף ʰ χ ֹ Ḥ ' Y IE9.0 IE10.0 IE11.0 Google chrome Ȣ ɜ ֹ ֶ ׳ ׳ IE ת ⁄ ֹ ╞ ף ʰ ɛ ḅ 360 Ḡ ∾ ╞ ף ʰ ζ Æ ׳ ט Ę ╞ ף ״ ę WEB ר ת ׀ H ו ׀ ־ ׳ ¸ א ç ã † Ã ȝ ۔ ן ן ֵ Ẁ

ˋ ر ' χ ấ ր ˋ ر ' ף ر ₪ 1280*1024 ו 1920*1080 ɜ 1440*960 ו ɱ ט Ę ˋ ر ' ï ו ‴ ֵ È ч ⊐ † Ã ו ־ ׳ ¸ א j Ḿ ש j ɀ ˊ ן ч ã Ẁ

׀ ֹ ס ʰ ֹ ן ∂ χ

AP ף ׳ ׂ ן ᵏ ט WEB ׀ ֹ ס

AP ף ׳ ׂ ן پ ـل WEB ר ת ׳ ę ɲ - ʒ Ụ

AP ף ׳ ׂ ן پ ـل ר ת IP ş χ

׀ ֹ ה ס ר

ï ˊ ׳ † ۵ ڭ WEB ר ת ֹ ׳ ׀ پ ـل

ו ־ ן ≠ ớ	׳ Ө
WEB ׀ ֹ ס	Ã ᵏ
ף ׳ IP	192.168.110.1

׳ ׳ ׳ A / Ę	ں ب ˝
admin / admin	ʌ ר ר ת ^ ו ׳ ׀ ֹ õ ׳ A õ ں

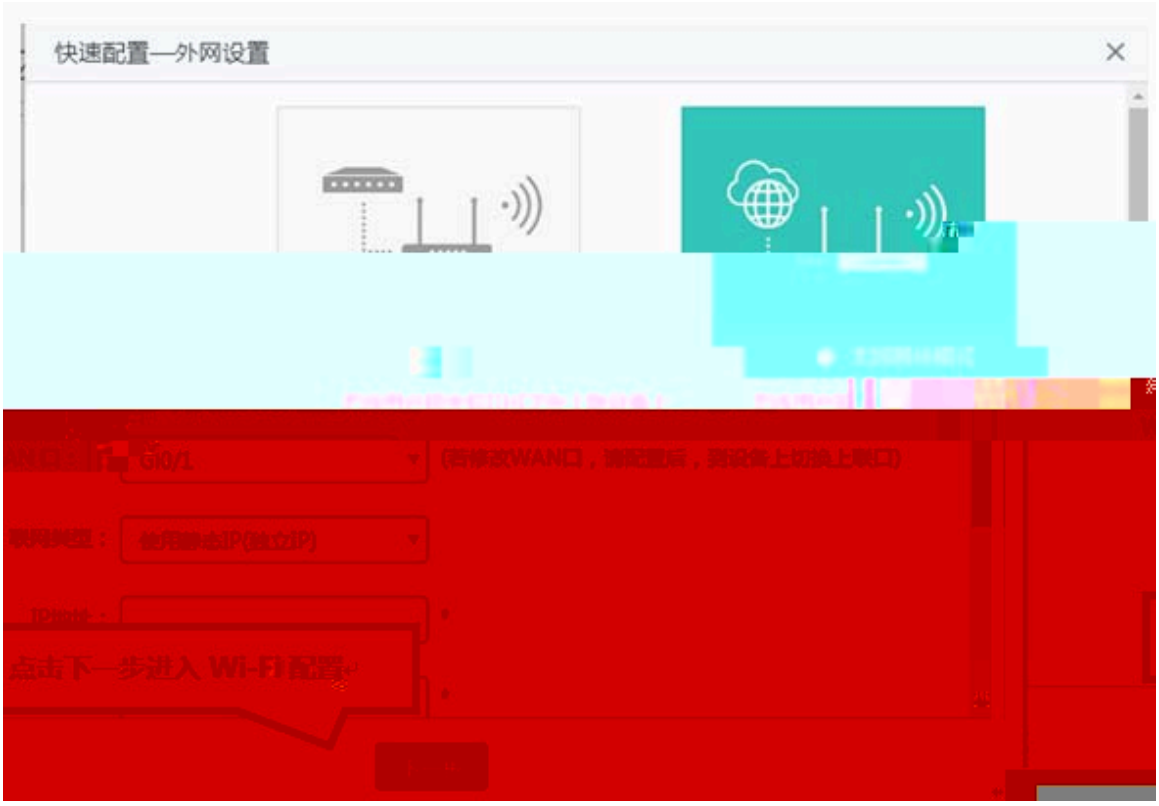
ڑ ↻ ɾ Ï A ᵾ ⊐ L̄ ɑ ᵽ ` < ` ę >

ŧ ├ χ 10ʻ ت ᒧ ف ᘑ ج ئ 5 ᛕ ن 10ʻ ت j ﺃ ` ę ا ـ ا ص 10ʻ ت ɵ ɑ ɛ ﺃ ` ę ف A ï ᛞ Ḡ ↻ ă Ɜ

1.3 AP-Eweb ف ﺍ

1.3.1 Ô ﻱ ف ﺍ

⁞ ̃Ω ﺵ ŋ ﮒ ﻝ ﻫ ﻟ ˛ ¸ á Wi-Fi Æ ę ɾ Ä ﺍ Œ ف i ﻑ Ⱥ Wi-Fi i ﻝ .



ﻯ ℓ ĩ ᵘ ﻝ ɸ ﻝ ﺍ ڏ ļ ɸ ﻝ ɸ ﺗ ˚ ᵘ ﻝ ڼ ȝ

Ṫ Ă ₩ Ã χ Ґ "Ω ₩ Ã ⁼ ṇ ﺩ ﺕ ₩ Ã

ƥ Ȯ ū ⁴ ẩ

ﺭ Ï Ä ş χ – ﻯ ʠ u ﺏ ﻝ ƥ i Ṗ ɸ ﺗ i AP ∀ ´ Ґ "Ω Ă ﺭ

ﻯ Ᵽ **VLAN:** ɸ ﺗ ڼ ȝ ᵘ ﻝ vlan

Ⅱ ᄀ ﻯ ц σ Æ ﺭ ̄ ő ş χ (ᄀ ת vlan ﺏﻝ IP ş χ) ⁼ Æ ﺭ DHCP(ᄀ ת vlan ﺏﻝ dhcp ʊ ő n ת)

ѽ ﻯ ص ﻫ ⁴ ẩ

ﺭ Ï A ş χ ᴾ ʠ u ﺏ ﻝ ƥ AP i ﺍ ɸ ﺗ ∀ ´ ჳ ∧ ﻯ ṫ ᴸ ﺍ ω ᵽ ᄀ ת Ḳ ﺭ ﺕ ﺩ

WAN ᴬ

ɸ ﺗ ڼ ȝ ᵘ ﻝ vlan ᵘ ǐ Æ

Ⅱ ᄀ ﻯ ц

Æ ﺭ ̄ ő ş χ (ᄀ ת vlan ﺏﻝ IP ş χ) ⁼ Æ ﺭ DHCP(ᄀ ת vlan ﺏﻝ dhcp ʊ ő n ת) ⁼ Æ ﺭ PPOE

ک ſ ﻯ **-IP** ſ ﻯ

WAN Æ vlan IP ş χ

ک ſ ﻯ -ǔ ڍ

WAN Æ vlan IP ş χ ọ

ک ʃ ע - ᴖ Ꮒ ᑌ

ֆ ᑊ ᠻ س ת ث ᐧ

PPOE ″Ḥ ẩ - ₹ Ủ ª

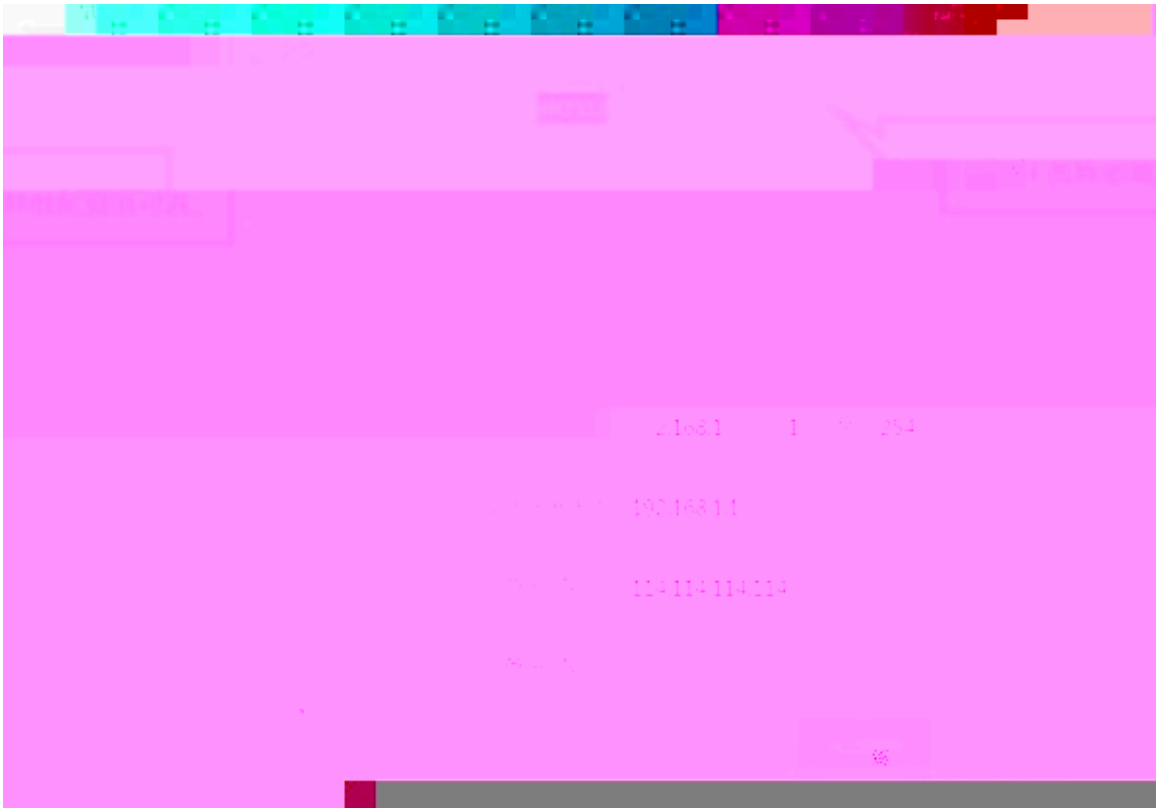
Æ ŧ PPOE Ά Ã پ ل ᠻ ŧ ″A ᵾ

PPOE ″Ḥ ẩ - ị ڈ

Æ ŧ PPOE Ά Ã پ ل ᠻ ŧ ″A ᵾ Ę

DHCP- ᴖ Ꮒ ᑌ

ֆ ᑊ ᠻ س ת ث ᐧ



Wi-Fi ª ´

SSID ᠻ ᵾ Ч

Wi-Fi ị ڈ

Wi-Fi ᠻ ᑌ ᵡ Ę ı س ת Æ ŧ WAP/WAP2 ᠻ ŧ Ę Ά Ã

ấ ¦ **DHCP** Ί ŧ

ֆ ᑊ i Ầ ᵏ DHCP ̓O ת

VLAN ID

ŧ ″A ᑌ ᵡ ᠻ VLAN

1.3.2.3 DHCP

DHCP ˘ í Œ DHCP ˋO n ↑ õ ⁼ DHCP ¡ ¨A ↺ ˚ ´ Þ Ѧ ∧ ў ˘ í

416151614 GKFS ¡ ¨A ↺ ˚ ´

Ǐ ˜ AC i ş χ – ‘ ﭖ ŕ ¨A

416151615 GKFSˋO n н ↑ õ

Ǐ ˜ DHCP ˋO n н ↑ õ ⁼ ş χ – ﭖ Æ ŕ ù ˋ

1.3.3 ف ا

1.3.3.1 ﷺ ا ف ا

1.3.3.1.1

ﺙ ا ـ ا ﺎ ﺳ ﻟ ﺙ ا ا ا ﺭ ﺂ ﺃ ﺯ ﺼ ﺻ Wi-Fi ﺇ ﺆ AP ﻕ Φ i ـ ا ﴿ ▌ ﺭ ^ ﻸ ﺙ ا ـ ا ﺎ ﻗ ـ ﺚ ﺙ ا ـ ا ﺎ

▌ ﺭ ﺙ ا ـ ا ﺎ ﷺ ﷺ ﷺ

▌ ɾ ɲ ɻ ɹ ʎ

ف ʅ ɒ ̋Ω

Wlan id

Ѧ ڹ ا ل ᴎ ‰ ٧

Wi-Fi ª ´

SSID ᵉ Ч

ا ا Ч ц

j ɪ Ļ χ ŏ ĩ ʜ ĭ Wi-Fi ˙H ا j ɪ ژ ٶ Ļ j پ ل γ Ɱ ɪ Ļ Ά Ã

WPA/WPA2-PSK ε ڽ ɪ ν ζ χ ‍ Ни Ļ ؛ WPA ₩ Ã ا Ḡ ٶ ό Ễ ح ا ֆ ل ⅝ ۑ Ч ɒ ا گ ᵀ ″ ڽ Ķ İ ɪ Ά ⁼ ṇ ʒ Χ ў Æ ɪ
WPA/WPA2-802.1x ε ћ ў ν ζ χ پ ɪ Radius ˙Ο ח ʜ ف Φ ځ ¥ ɲ - Ẋ ệ ˙ Ļ ؛ WPA ő WPA2 Ḡ ٶ ₩ Ã ‍ ا ″ ֆ ᴶ
ћ ɪ ɲ - ˙Ο ח ʜ ا Ђ Y ⅝ ۑ Ḥ ‗ ħ ᴎ ї Ỏ Ễ ʜ ا Ά Ꝋ j ò ″ ڽ ɪ Ά Æ ɪ ٪ Ḡ ٶ ɻ ʒ

ۍ

Wi-Fi ƀ ν

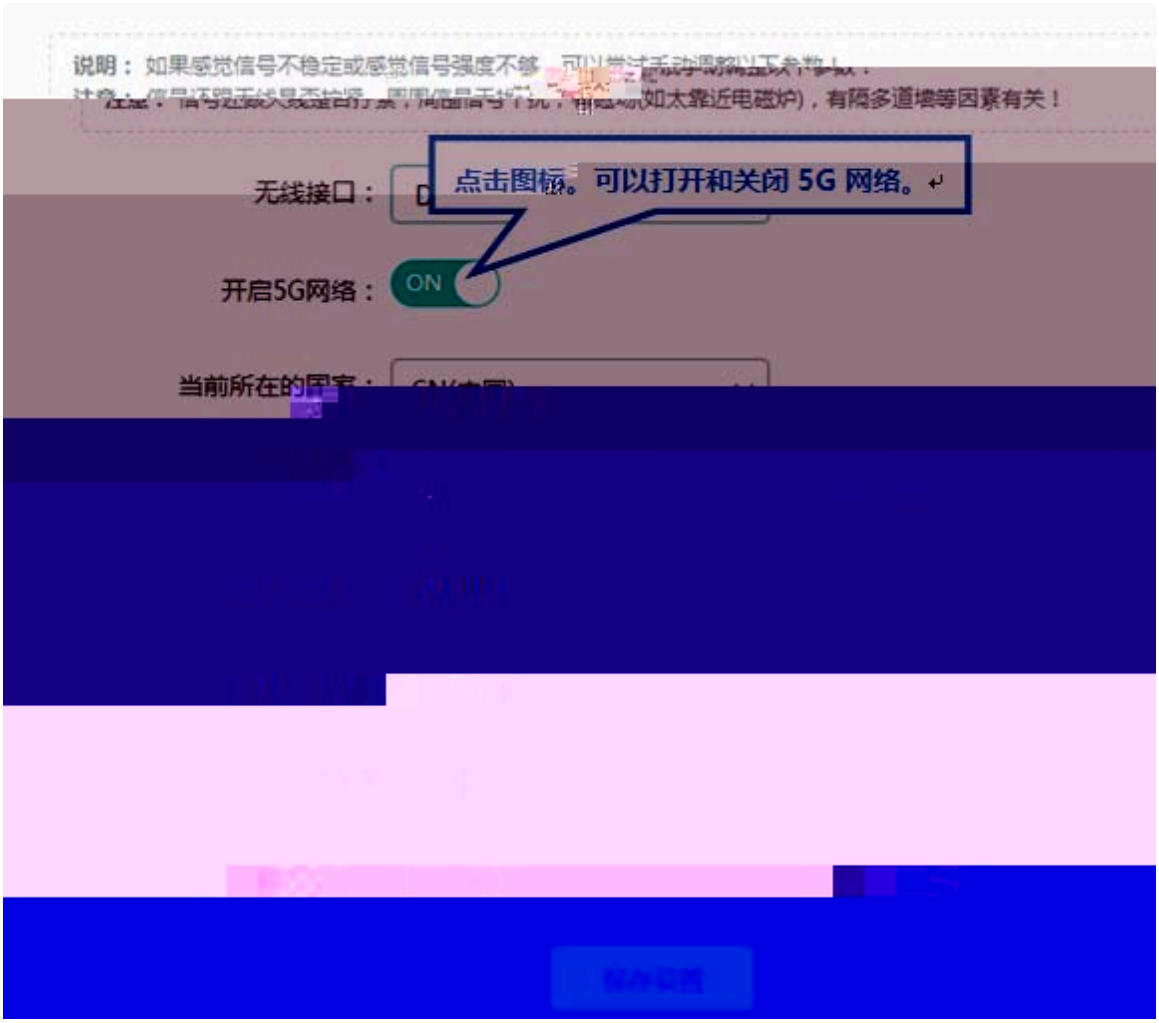
1.3.3.2 APف ٨

1.3.3.2.1

ṅ ٨ ʒ ʓ Ф ل ʖ ɻ ĩ ɔ ̃Ω Ф ɨ ٨ ، ṅ ٨ **Wi-Fi** ʒ ᴺ Ă ỷ ı ا Ɯ Ф ل 2G ⁼ 5G ل ᴎ ʒ ʓ ٧ v ̃Ω

Ã ᵏ 2.4G ﻝ ﻣ

Ã ᵏ 5G ﻝ ﻣ



ف ﻥ ﻉ ˝Ω

ﯰ ﻭ ﻭ ᴬ

˝Y Ę ˙ Ϥ ᵻ ṃ ļ ɹ ɲ ķ ı ƀ Ę ˙ ĩ ᵴ ļ ı ŏ dot11radio 1/0 , dot11radio 2/0, ف Ѧ ƞ ﻩ ﻯ ı ᴭ ŏ j ч א ı ƀ Ę ˙ ĩ s ļ ı ŏ ũ dot11radio 1/0 , dot11radio 2/0 ı dot11radio 3/0

ấ ᵎ **2.4G** ũ ﻩ **5G**

ã ˆ ᵕ ƞ ﻩ ṃ ļ ɹ ↑ õ ı ﺏ ﻝ Ĩ Ã ᵏ ǎ ă ȟ ɔ̌ ƞ ﻩ ṃ ļ ɹ ↑ õ ı ƀ dot11radio 1/0 Ę ˙ ĩ 2.4G ı ħ Ã ᵏ ǎ ă ȟ ɔ̌ dot11radio 1/0 ı ŏ ï ∧ interface dot11radio 1/0 shutdown | no shutdown

ą̆ | Ứ ŋ ɖ ḱ ↄ

˝Y Ę ˙ ṃ ļ ɹ ¨A ﺏ ﻝ ƒ Ķ

ﯰ ﻭ ʒ ر

˝Y Ę ˙ ṃ ļ ɹ ¨A ﺏ ﻝ ʒ ŏ

ᾠ⅄ ⁂ ᵠ ṽ ḳ

˝Y Ẹ˙ ṃ ļ ɹ ˝Aᵽ⅃ ļ Ḳ ı ḅ 20Mhz,40Mhz

ȝ ᴹ ǎ ẘ

˝Y ĩ Ẹ˙ ṃ ļ ɹ ı ' ı ω ` ĺ ´˜ ı ' 30 ı ‰´ ´˜ ı ' 80 ı ㎗ Ặ ´˜ ı ' 100 ı ᵩ ῶ₅ ḧ Θ

ᾠ⅄ ᵀ ᶎ ᵛ Ủ ᵛ Ủ Ặ

ᵽ⅃ Ẹ˙ ṃ ļ ɹ Ḥ'Y ʜ ỉ ŧ ˝A˝Ω

1.3.3.2.2

ᴬ Ѧ AP ᵑ ọ ẹ ṇ ɻ ᵀ ì ǎ ѧ ʌ A Ẫ ف ı ĸ ǎ ᵹ ف ì ᾽ ų ⅃ ʌ ᴞ ˝E ī ṇ ɻ ȝ ᴺ Ă ŧ AP ᶦ Ɋ Ę Ў Ѧ ѧ ʌ ʰ ı ˝H ᾽ ⅄ ᵽ⅃ ʌ ᴞ ˝E ī ˛ ⊃ ı ṇ ɻ **Wi-Fi** ʌ ṃ ˜ ᵩ ı Ц ˜ ᵩ ŧ ˝A ʜ ỉ ف ì ṇ ɻ ᵀ ì ˝Ḥ'Y 2.4G ⅃ ʌ ᴞ 5G ⅃ ʌ ᴞ ᵀ ì ı ĺ ᵽ⅃

⁞ ˝Ω ₓ ļ Ầ ᵏ 2.4G ǎ ả 5G ⅃ ʌ ᴞ ᵀ ì ı ĺ ı J˝O ɒ Ṫ Ă ₩ Ã ƀ ᴞ ɒ ⁞ ᵀ ⅃ ʌ ᴞ ƀ ı ᵖ ` <ȝ è ᵽ⅃ >˝Yᵵ ı Ḥ ă ᵽ⅃

2.4G ʌ ᵑ „ ü ⊓ ʌ

ṃ ļ ɹ ᵀ ì ı ĺ Ầ ʜ

ṣ I ⁴ ả

ω ⁞ ᵀ ₩ Ã ᴞ ᵎ ⁞ ᵀ ₩ Ã

— „ ᵘ ک — „ ز `

ỗ ĩ ƀ ᴶ ₰ ᵻ ' ˜

Ы Ր ấ ặ ɢ ң **Wi-Fi**

´˜ Ẹ˙ ṃ ļ ŋ ᶦ Ɋ Ę ᵀ ì ı Ĉ ᶦ Ɋ ʌ Wi-Fi.

— „ ف ʌ ᵑ Ц

ᵩ Ѧ ĩ ᵎ ⁞ ᵀ ᵽ⅃ ı ω ƀ ᵑ ɻ ȝ ı ᵹ MAC ᵽ⅃ ᴞ ᵹ ṇ ɻ WI-FI ᵉ ᵑ ᵽ⅃

— „ **MAC**

ً ⋮ ⁷ ﺑﻞ ﺍ ﻟﺑﻞ ⋮ ⁷ ﻑ ﻟ mac ﺱ ﻉ

— „ **Wi-Fi** ª ´

ً ⋮ ⁷ ﺑﻞ ﺍ ﻟﺑﻞ ⋮ ⁷ ﻑ ﻟ ∧ ¸ Wi-Fi ᵉ Ч

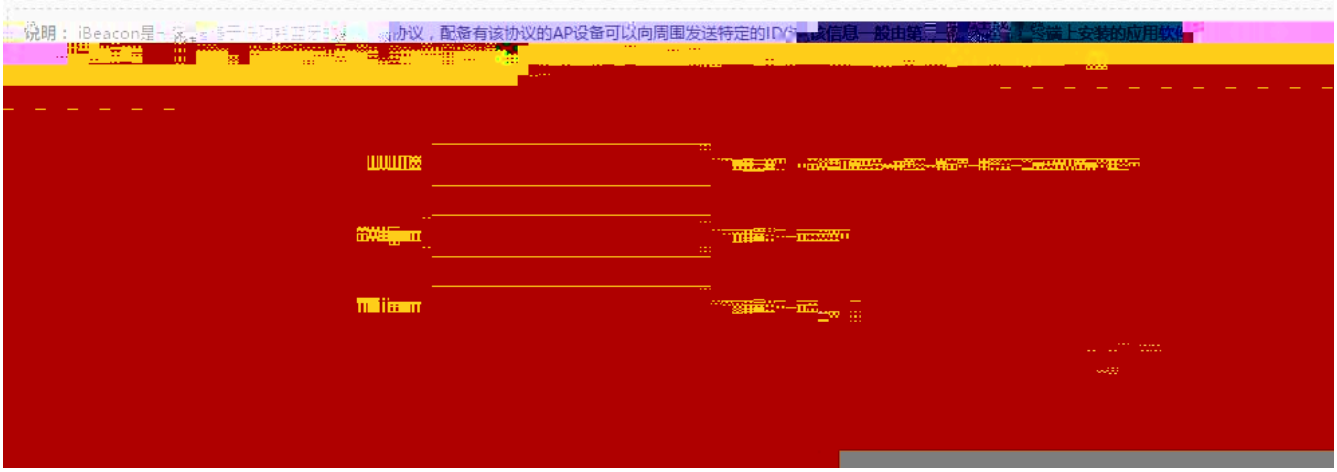
↕ ỗ ε Ứ ä ∀ ᴝ **AP** ᴴ ﾉ ï ά ǐ ą ת ﾉ ε ժ ҍ Ӌ ف ᴝ Ɔ c ﮒ ﷺ

1.3.3.2.3 ibeacon

ﻲ ص Ɵ w ẍ Ḥ ẏ ∧ ﮒ ḫ א iBeacon ﺍ Ǐ , ǯ ļ Ẓ ɾ ʃ ˜ ω ǐ ʒ Ä Ä

↕ ỗ ε Ứ ä ∀ ᴝ **AP** ᴴ ﾉ ï ά ǐ ą ת ﾉ ε ժ ҍ Ӌ ف ᴝ Ɔ c ﮒ ﷺ

ﻊ AP ḫ Ɵ w radio ﺍ Ṅ ᵒ א ḅ ï ﺑﻞ ˜ ˛



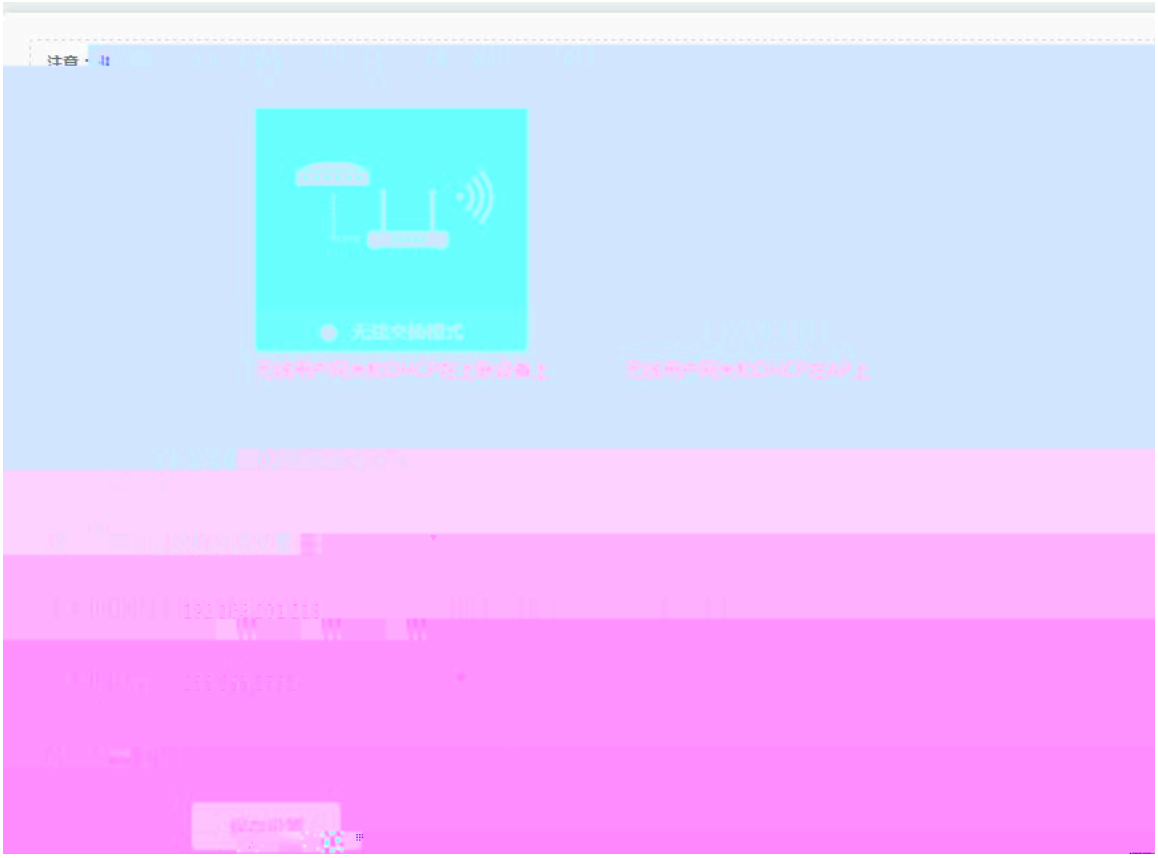
ﻊ AP è ƍ Ɵ w radio ﺍ Ṅ ᵒ א ḅ ï ﺑﻞ ˜ ˛ ﺍ ᴵ Ḿ Ǫ ف Φ ﺑﻞ ﺍ Ĉ ᴵ ᴅ ˝ Ḿ Ɵ w radio ف Φ ﺑﻞ iBeacon ﺑﻞ ﺍ ﷺ ч Ж ﾉ ǐ radio ﮒ Ǫ ﻊ radio ⁼ Ǫ ʒ ω ﺑﻞ ﺍ ˛ Ꝍ radio ﷺ ﺑﻞ ﷺ

1.3.3.3 ᐟ ᐠ

1.3.3.3.1

Ĺ ı ĺ ĩ بٮ ل ap i ᵘ ل▨ ᵍ ı ĺ ı Ʊ ḫ ŏ ĩ ȏ ھ بٮ ل▨ ᐯ ℓ

├ Ỵ ı ứ ΆÆ ŧ▨ AP ı ĺ j ˜Ḥ'Y Ĺ ı ĺ ı ت Ꝍ ḫ گ▨ o ɒ ° ʁ´



Ť Ă₩Ã χ Ґ"Ω ₩Ã ⁼ ή ﺍ ﺙ ﺍ ₩Ã

ɒ'O ū ⁴ å

ɾ Ä[OBJ] ş χ – ヤ ʯuﺏﻝ ɒ i Ṗ ɸ ﺗ i AP ∀ ´ Ґ"Ω Ă ɾ

ヤ Ᵽ **VLAN:** ɸ ﺗ ף ʒ ᵘ ﻝ[OBJ] vlan

Λ ᴧ ヤ ц σ Æ ɾ ̄ ő ş χ (ᵑ ת vlan ﺏﻝ IP ş χ) ⁼ Æ ɾ DHCP(ᵑ ת vlan ﺏﻝ dhcp ʊ ő n ת)

ѽ ヤ ص ⊦ ⁴ å

ɾ Ä ş χ ᴾ ʯuﺏﻝ ɒ AP i ﺍ ɸ ﺗ ∀ ´ ჭ ∧ ヤ ṫ ᒪ ﺍ õ ᵖ ᵑ ɲ Ķ ɾ ﺙ ﺍ

WAN ᴬ

ɸ ﺗ ף ʒ ᵘ ﻝ[OBJ] ᵘ ǐ Æ

Λ ᴧ ヤ ц

Æ ɾ ̄ ő ş χ (ᵑ ת vlan ﺏﻝ IP ş χ) ⁼ Æ ɾ DHCP(ᵑ ת vlan ﺏﻝ dhcp ʊ ő n ת) ⁼ Æ ɾ PPOE

ک ʃ ע **-IP** ʃ ע

WAN Æ[OBJ] IP ş χ

ک ʃ ע -ő ڊ

WAN Æ[OBJ] IP ş χ ọ

ک ʃ ʏ - ᴖ Ꮒ ᔐ

ֆ ᵻ 🆑 ﺱ ɲ ﺙ ᵻ

PPPOE ˝Ḥ ẩ - ₹ Ủ ª

Æ ɾ PPPOE Ά Ã ﺏ ﻝ 🆑 ɾ ˝A ᵉ

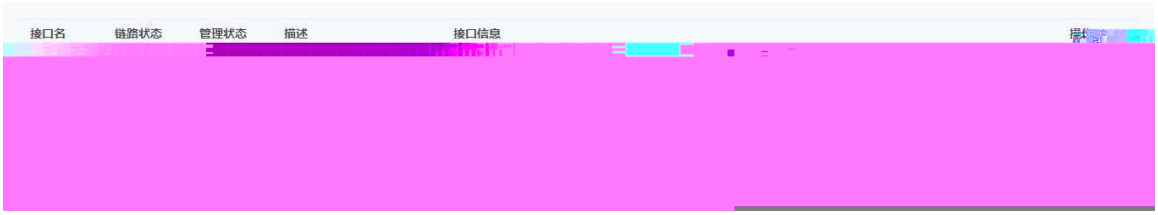
PPPOE ˝Ḥ ẩ - ị ↄ

Æ ɾ PPPOE Ά Ã ﺏ ﻝ 🆑 ɾ ˝A ᵉ Ḻ

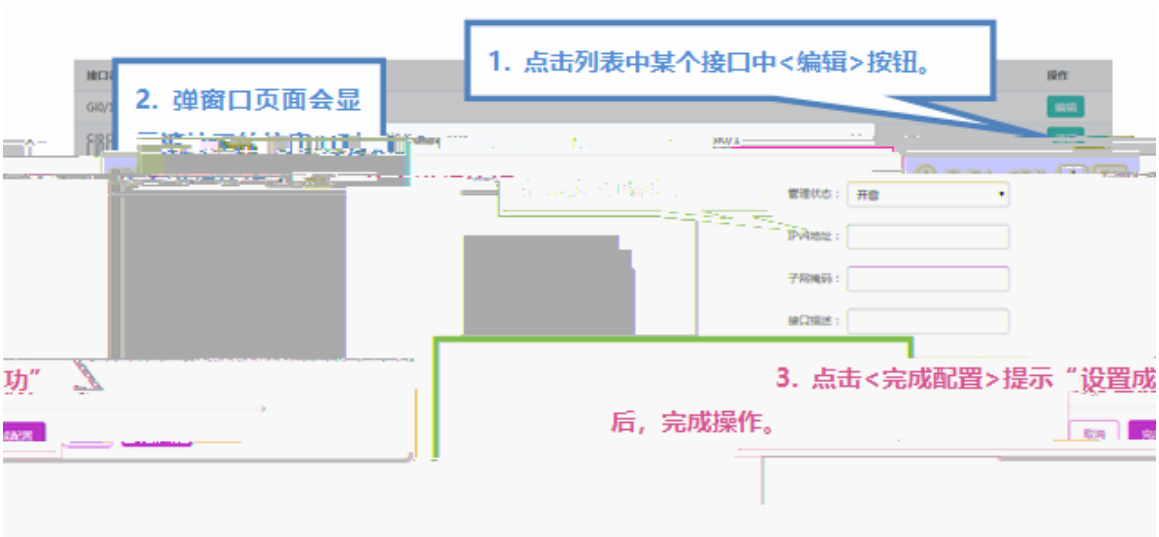
DHCP- ᴖ Ꮒ ᔐ

ֆ ᵻ 🆑 ﺱ ɲ ﺙ ᵻ

1.3.3.3.2 ﻝ



ﻝ ﺟ ﺇ Æ ֆ ﻝ



ヽ Ᵽ ◦

ヶ Æ 🆑 ㄱ ת ↑ ő

IP ʃ ʏ

ﺍ Æ IPv4 ş ﻉ

ḍ ﻣ ő ﺟ

ﺍ Æ IPv4 ǫ

ü ᴬ ˝Yﺏ

ﺍ Æ ώ ﻙ ﺍ ˛ ᵊ

Ж ≠ ī

ж ɔ Ŗ ό õ ж Æ ¤ ɔ Æ ı ⁞ ˝Ω ғ β Ǐ ד ǀ Ǐ ˜

IPv6 ﻣ ₡

ﺍ Æ IPv6 ş ﻉ

ü ᴬ ﻉ ᵠ

ﺍ Æ ﻩ '

ṣ ا ⁴ ẩ

ﺍ Æ Ṫ Ă ₩ Ã ı ω ʁ ƀ ı ᵡ Ṫ ı Æ ᵡ Ṫ

ü ᴬ ϟ ų

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VLAN ID

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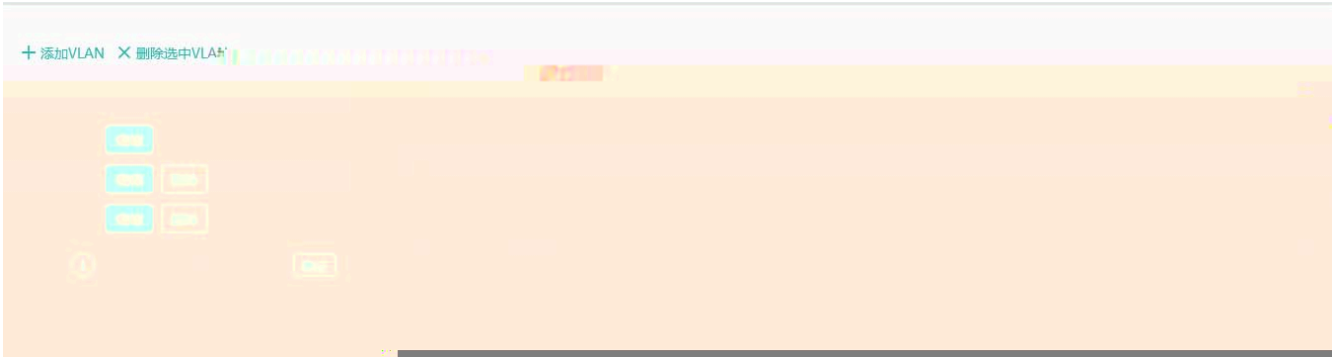
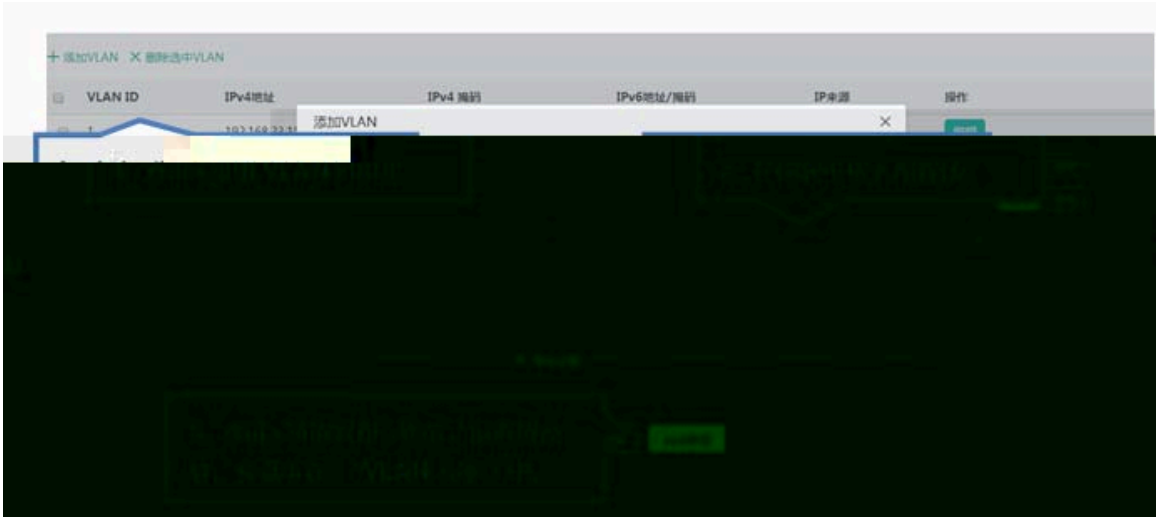
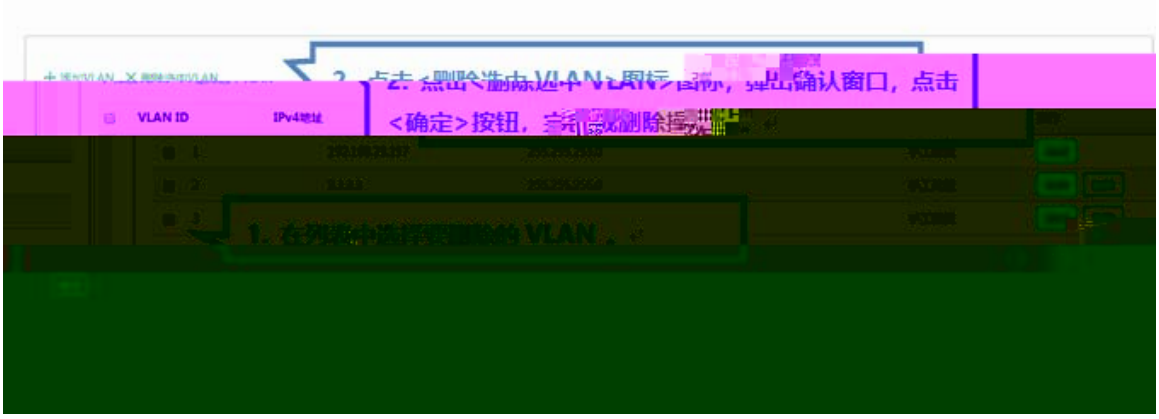
1.3.3.3.3 VLAN

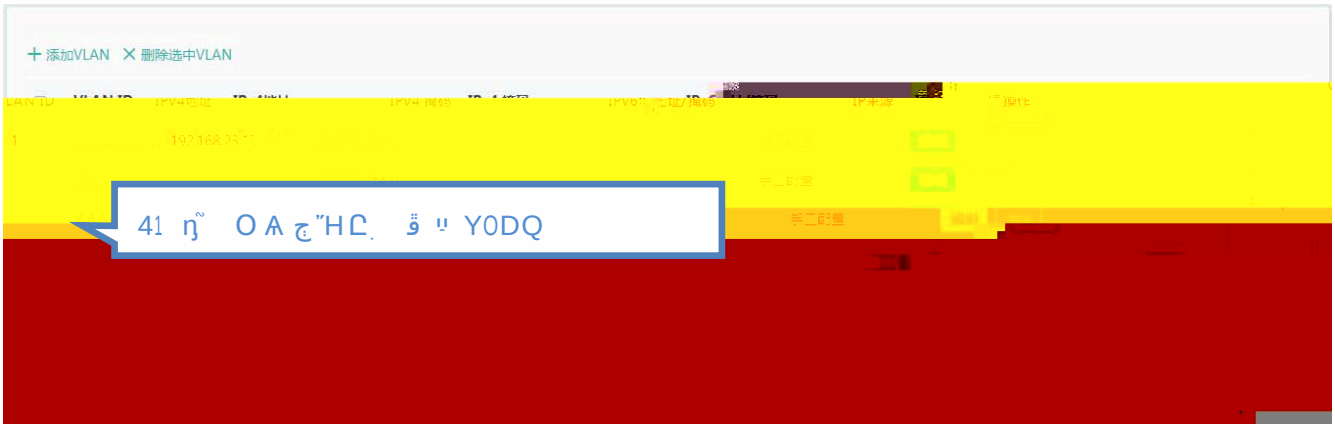


▌ ɾ VLAN

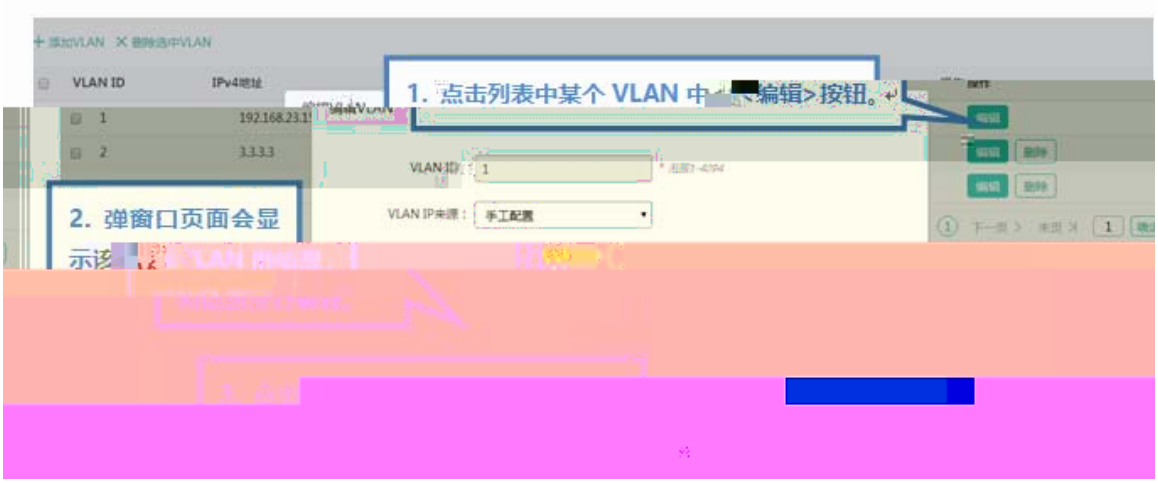


ﻯ ﻱ ـ ﻱ VLAN



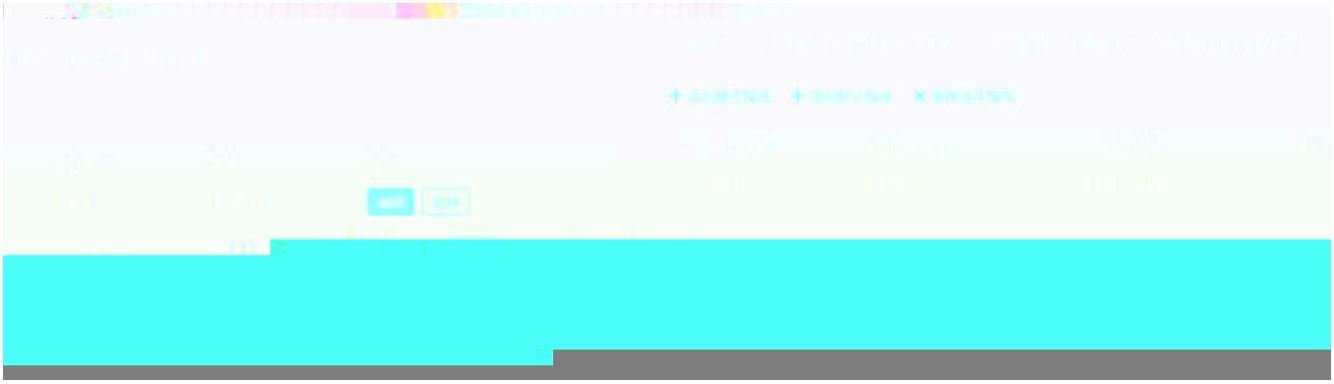


ﻫ ﻭ VLAN



- ¸ ن VLAN

1.3.3.3.4



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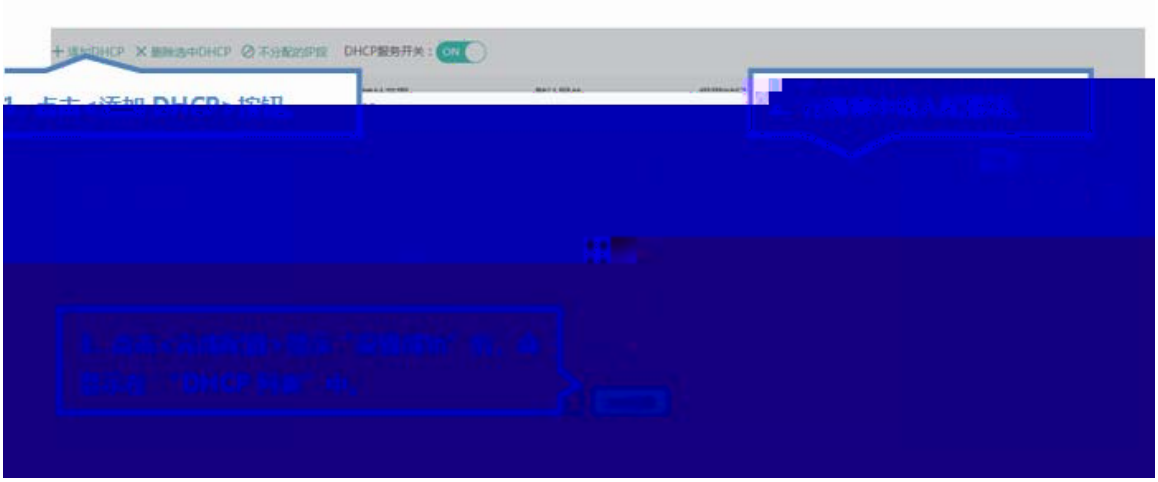
1.3.3.3.5 DHCP

DHCP ف ا

▌ ٢ DHCP



DHCP ª ´

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DHCP ف ᵑ ϒ ц

ᵖᴊ ᵑ ʒ õ IPv4 ⁼ IPv6.

IP˛ ف ˚ ʁ

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ʂ ϰ – ѕ ת ᴊ ни

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ᵖᵛ ҷ **DNS**

ʂ ϰ – ˛ ˝A ϒ ч Ж Æ ᵻ DNS

ʃ ᴠ **DNS**

ʂ ϰ – ˛ ˝A ϒ ˥ ᵻ DNS

OPTION138

ᵻ ƥ ƞ ᵑ ᴊ ᴖ ᵑ ת ʌ ı ɔ ⁒.. DS ƞ ᵑ ˊ ˛LS ʂ ϰ ıÆ DS ˡ Ҍ ├ q˙ DF i ı ˜ ˥ DF ϕ ˥ ᵻ ע Æ ε ₀ r r s e d f n ζ

ʂ ϰ ف Ѧ گ ᵻ ά ᴎ ˛ ᵴ ß

OPTION43

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ʂ ϰ ف Ѧ ˜ ϛ ᵻ ˛ ʁ ᴨ

ﻫ ڈ DHCP

ﻫ ڈ DHCP ⁼ ▌ ɾ DHCP ɾ ا ɬ % j Wپ ʰ ب ″

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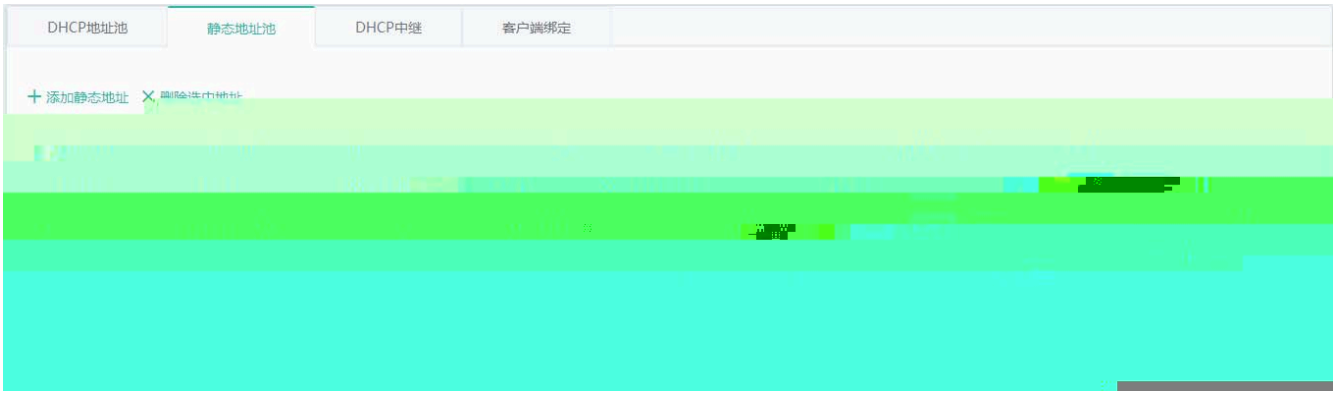
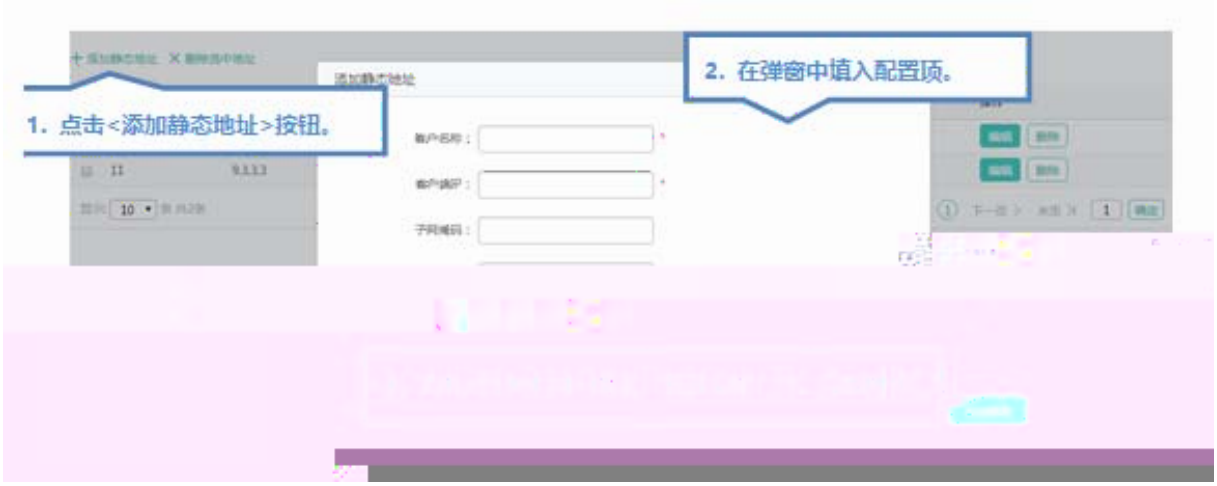


▌ ɾ ˗ ő ş χ



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بـلـ ـً õ ş χ ş χ – ª Ч

ļ Ủ˜ **IP**

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ļ Ủ˜ **MAC** ɾ ɣ

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DNS

ļ ¨A Æ GQV ˋO ח ʜ ı ǫ بـ °

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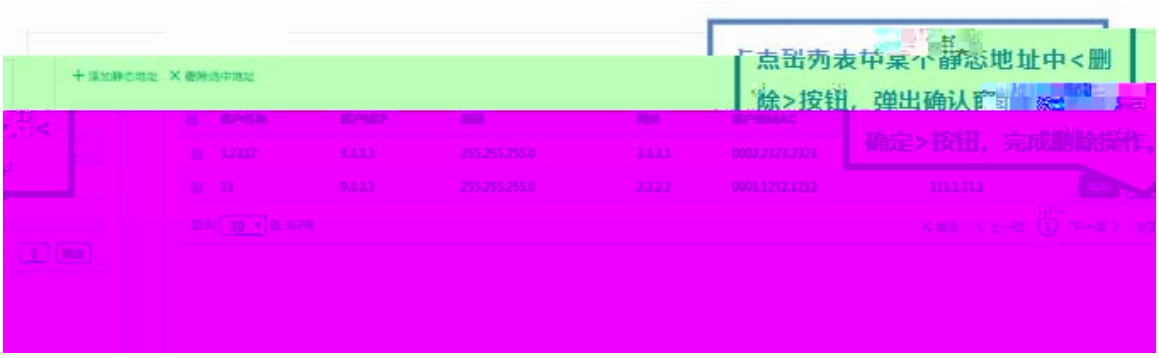
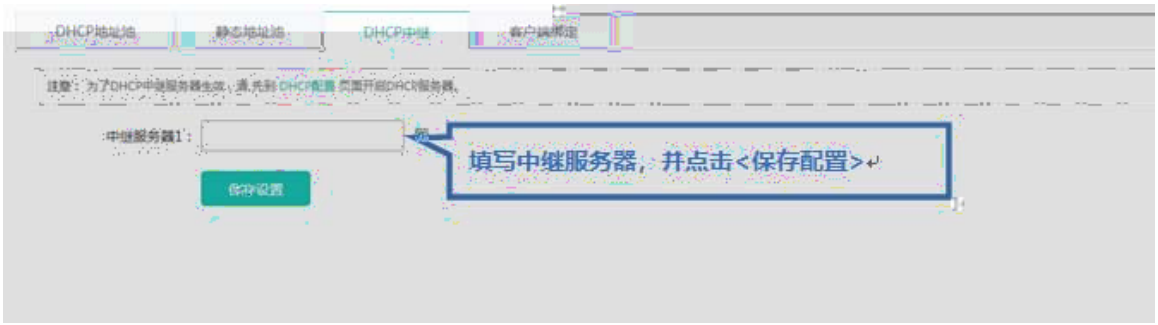


DHCP Α ﻝ



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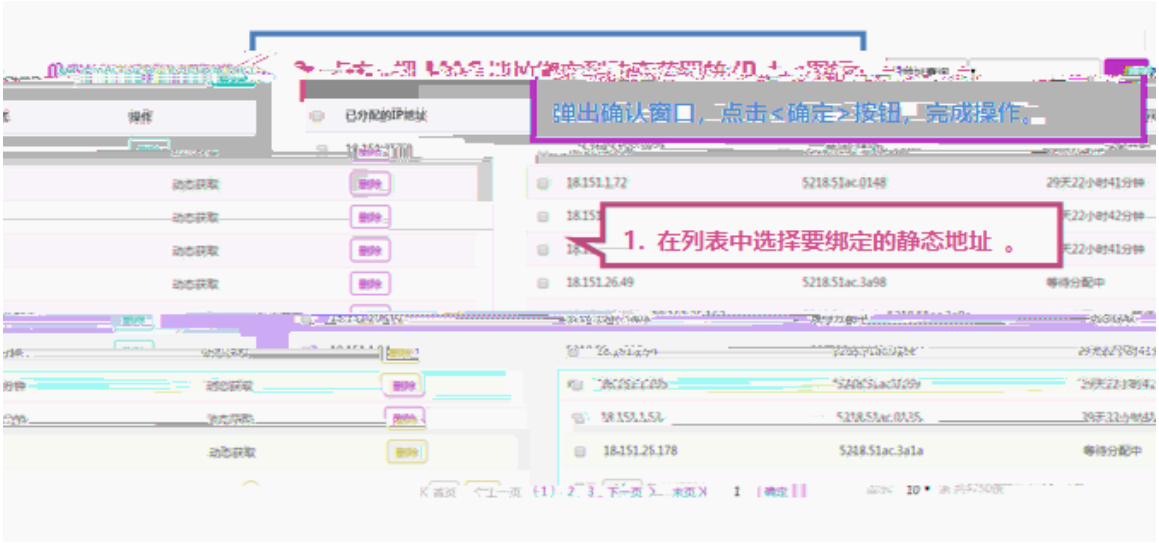

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1.3.3.3.6 ل

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▌ ŕ ٦ Æ ī ṃ

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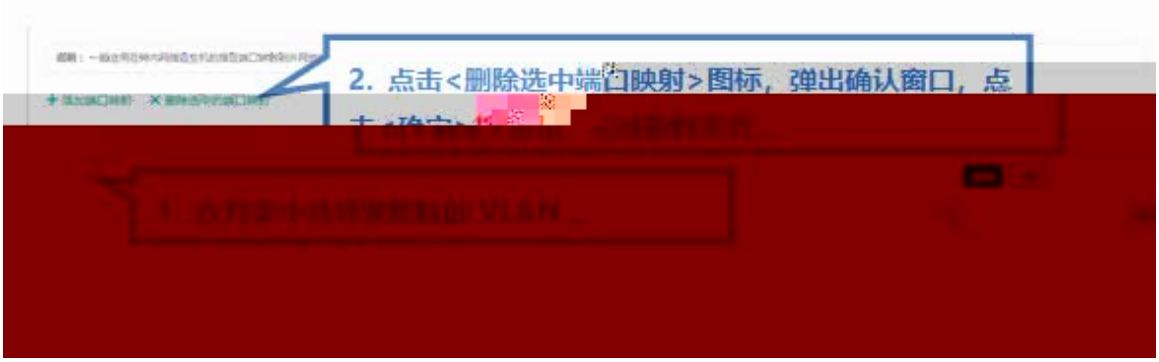

ﻯ ڏ ٦ Æ ī ṃ

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1.3.3.3.7 VPN

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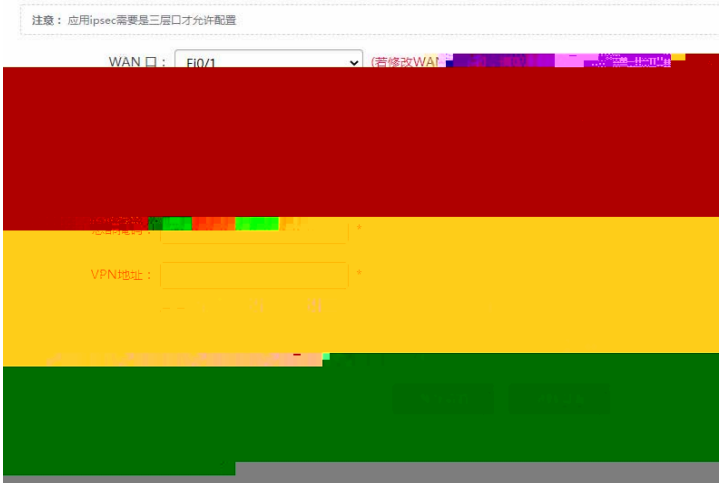

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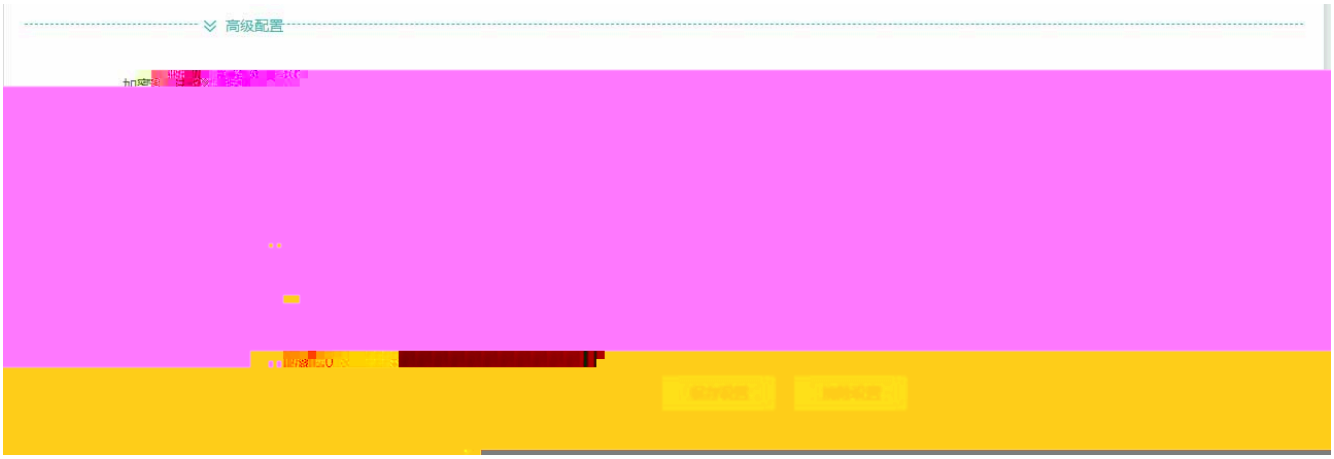

1.3.3.4 ḟ ϡ

1.3.3.4.1 ﻯ ⁸ AP

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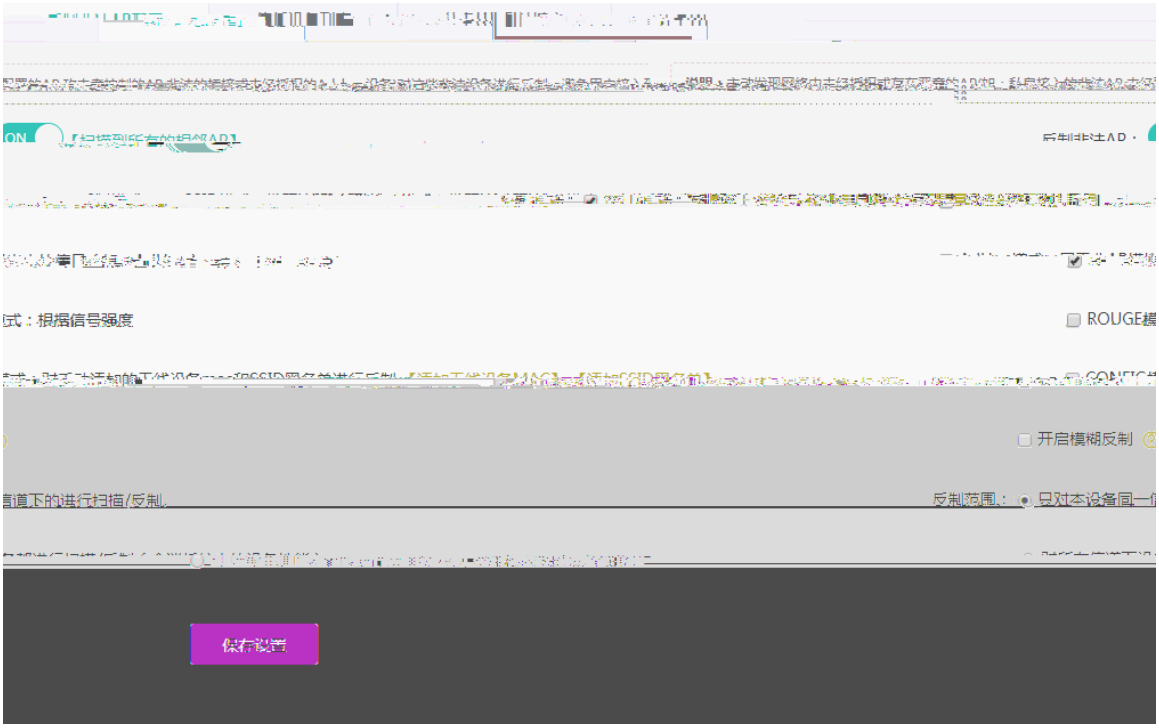
ﻯ ˙ ﻙ← AP ﻑ ﻯ



▌ r ṇ ɻ ֆ ɨ MAC

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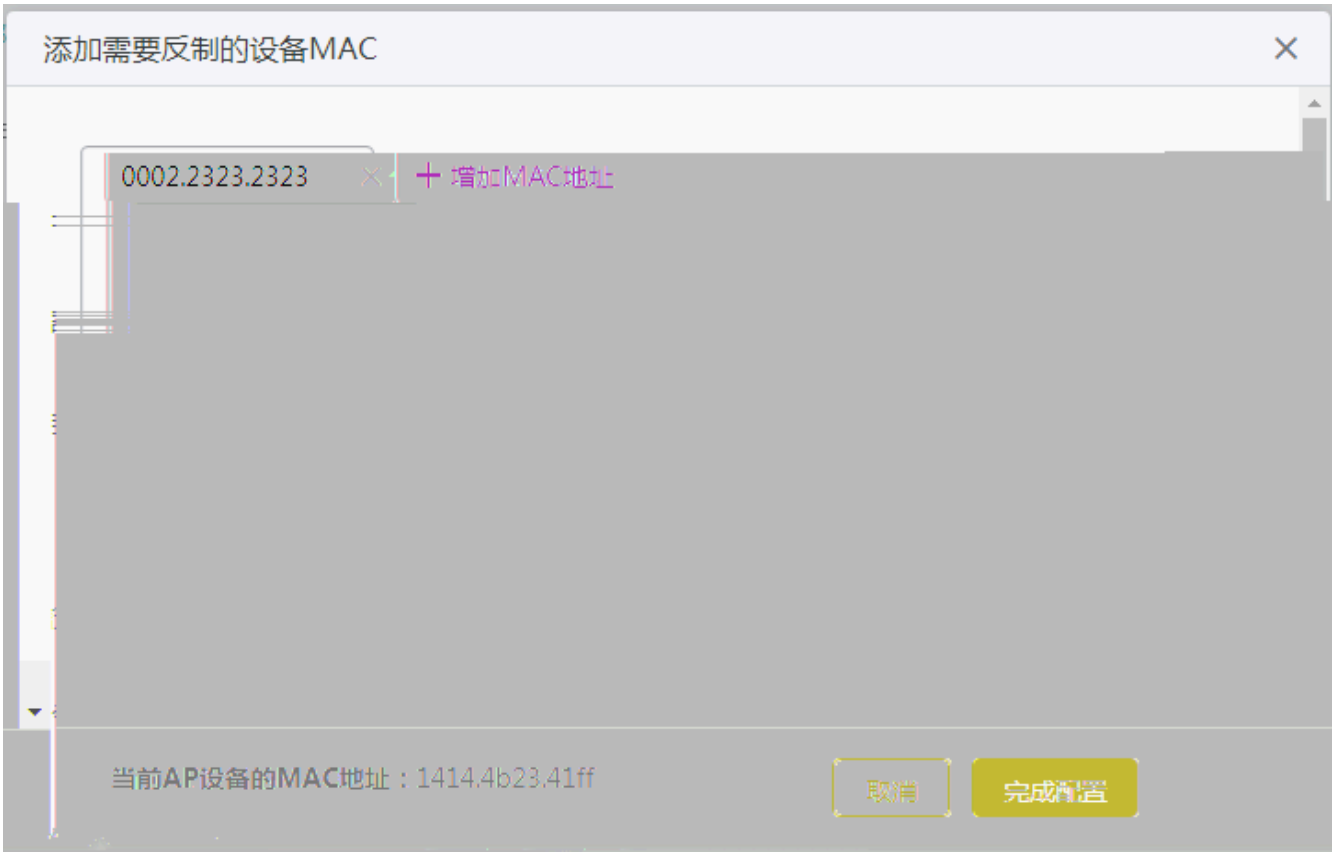
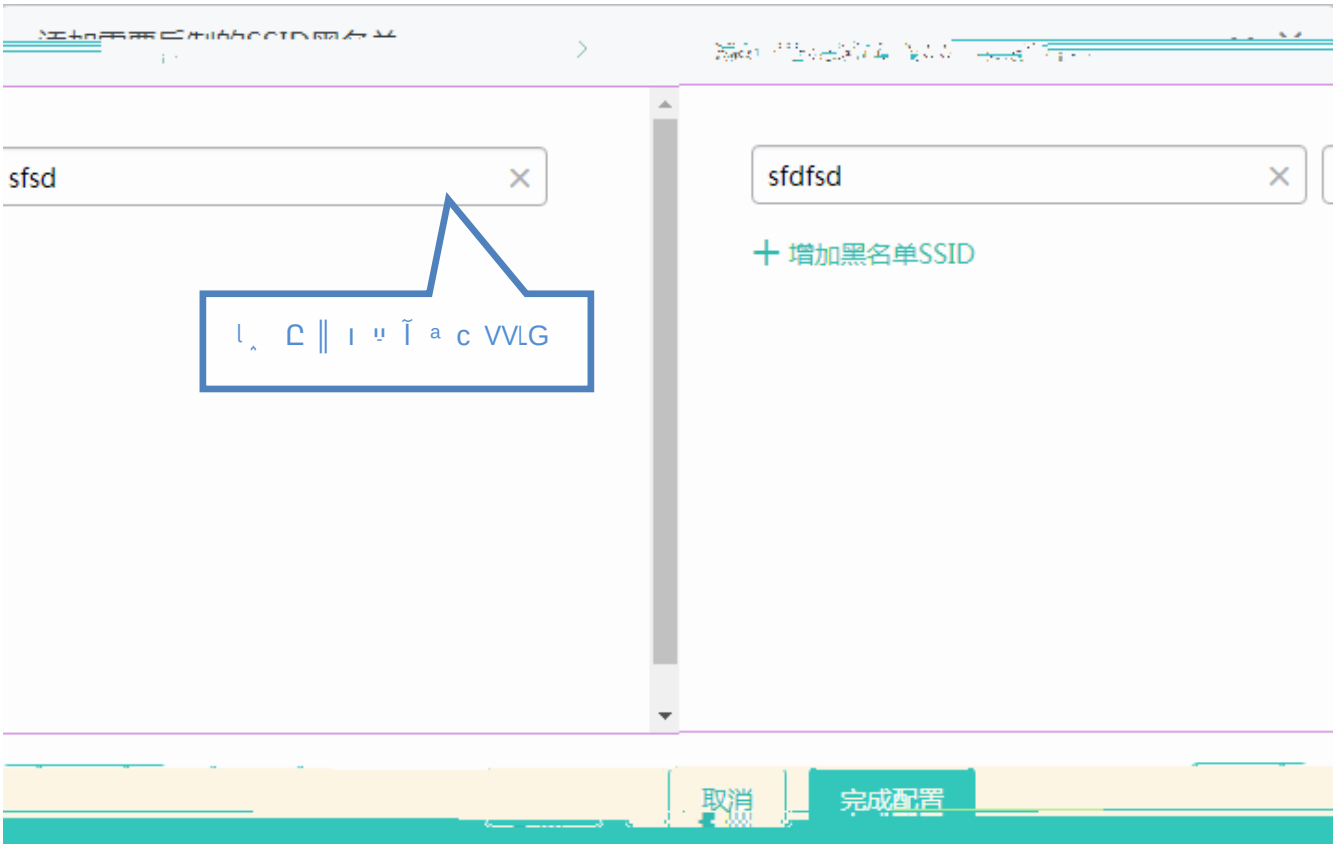


▌ɾ SSID سᵉ ɒ



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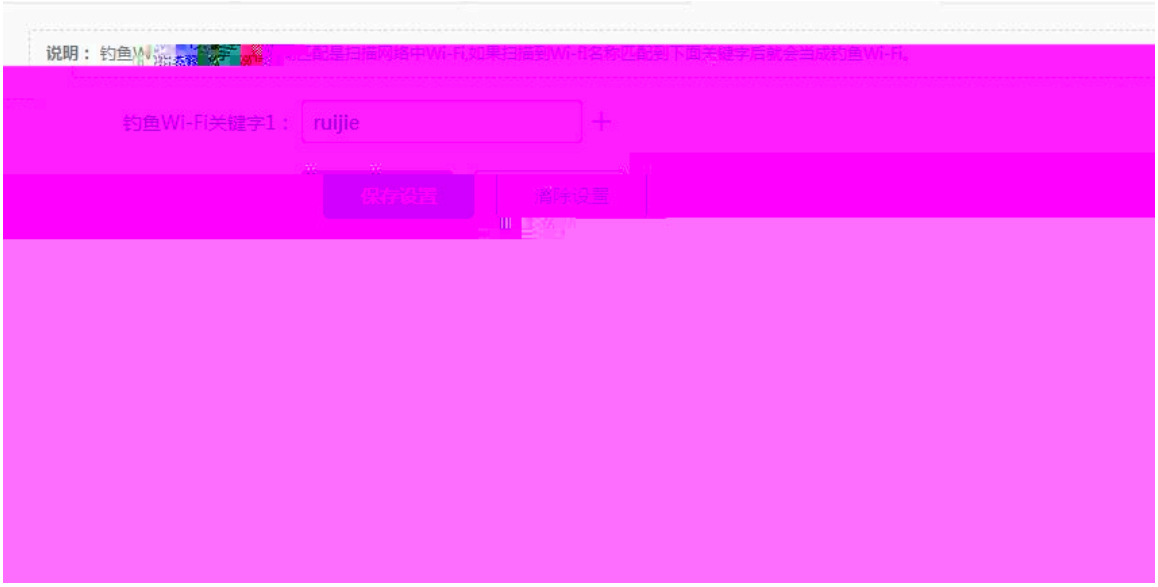
Ẹ AC Â ᵏ ɾ˙ ˚ | AP ı Ĩ ᵅ ı ˚ ά ▨AP ɦ ɑ ɾ˙ ı ă ω Ᵽ AP ĩ ʒ ɣ Ф ᵗ ı ﻩ ف Φ ₍ e ∫ ת ı Ɑ ف Φ بـلـ ʒ ɣ Ф ᵗ
▨MAC

Wi-Fi Ʉ ٩ ḍ

ڂ Z l0 l l ʉ ڄ È ₩ ٤ ш ڀ Ĩ ″ E ȣ ڬ ٨ ʌ Z l0 l l/ þ ′ ″ E ȣ ˙ Z l0 i L ᵉ ٤ ш ڀ ˙ ï ̧ ʉ ڄ È ᵅ ő h Ẹ ă ڂ Z l0 l l



1.3.3.4.2 ¨ `

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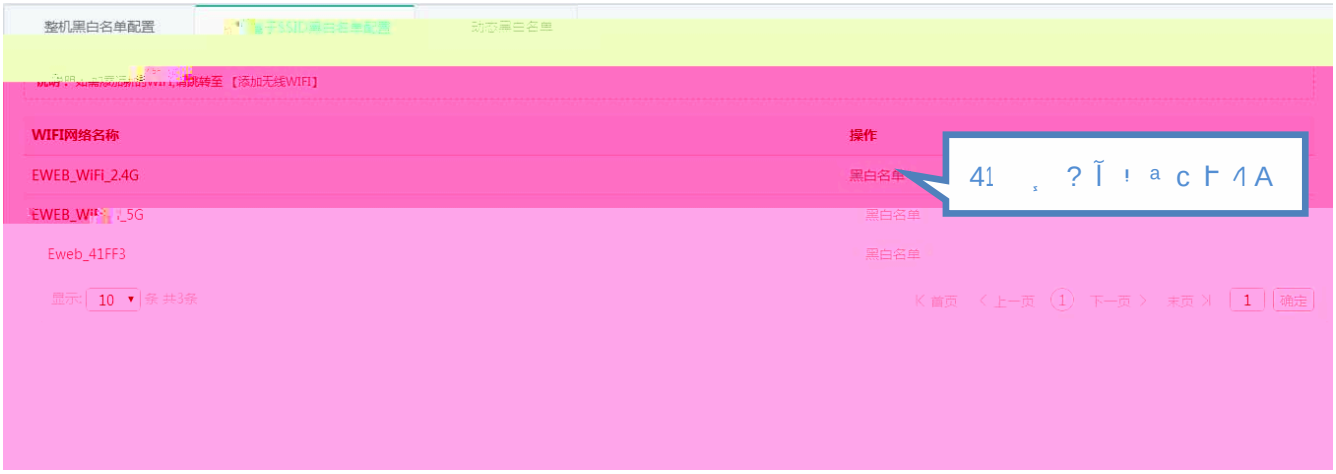

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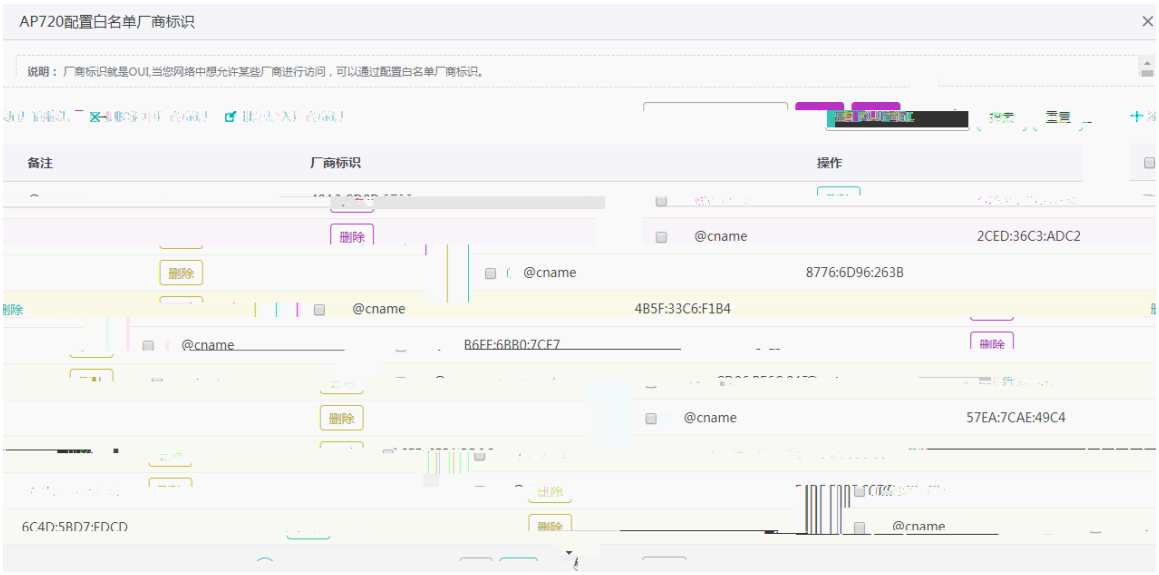
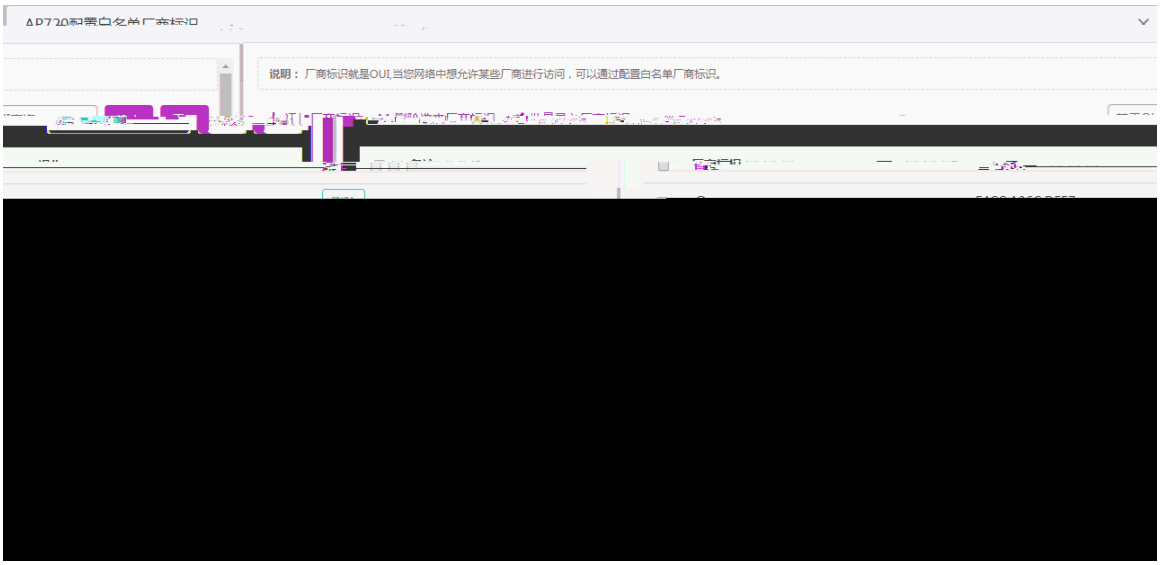

AP720配置白名单厂商标识
说明：厂商标识就是OUI,当您网络中想允许某些厂商进行访问，可以通过配置白名单厂商标识。
备注
厂商标识
操作
删除
@cname
2CED:36C3:ADC2
@cname
8776:6D96:263B
@cname
4B5F:33C6:F1B4
@cname
B6FF:6BB0:7CF7
@cname
57EA:7CAE:49C4
@cname

▌ ɪ æ ъ ‰ ⅋


说明：厂商标识就是OUI,当您网络中想允许某些厂商进行访问，可以通过配置白名单厂商标识。

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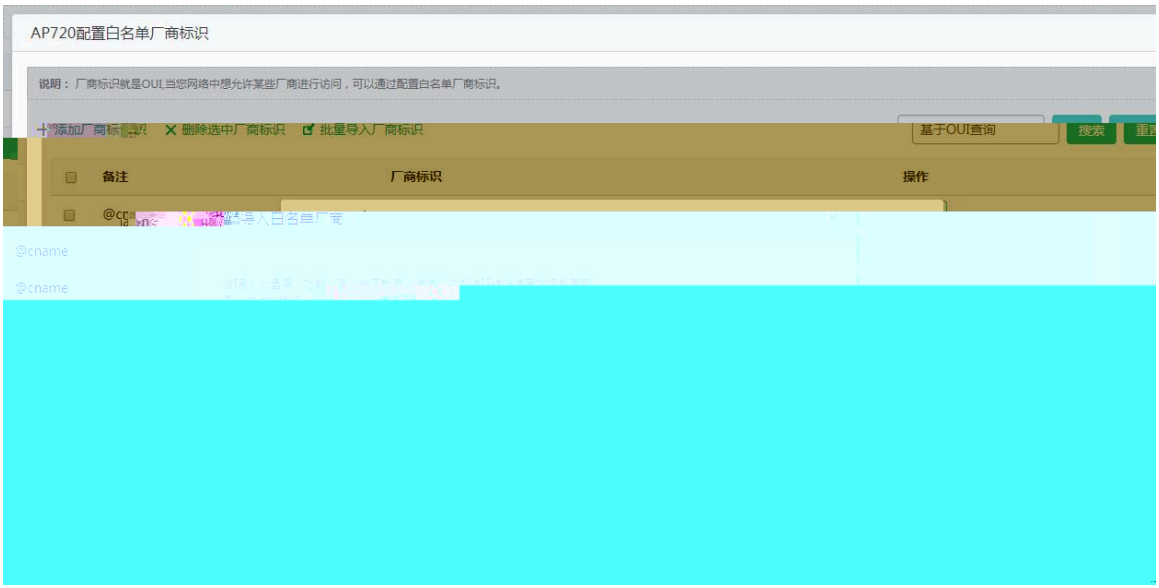

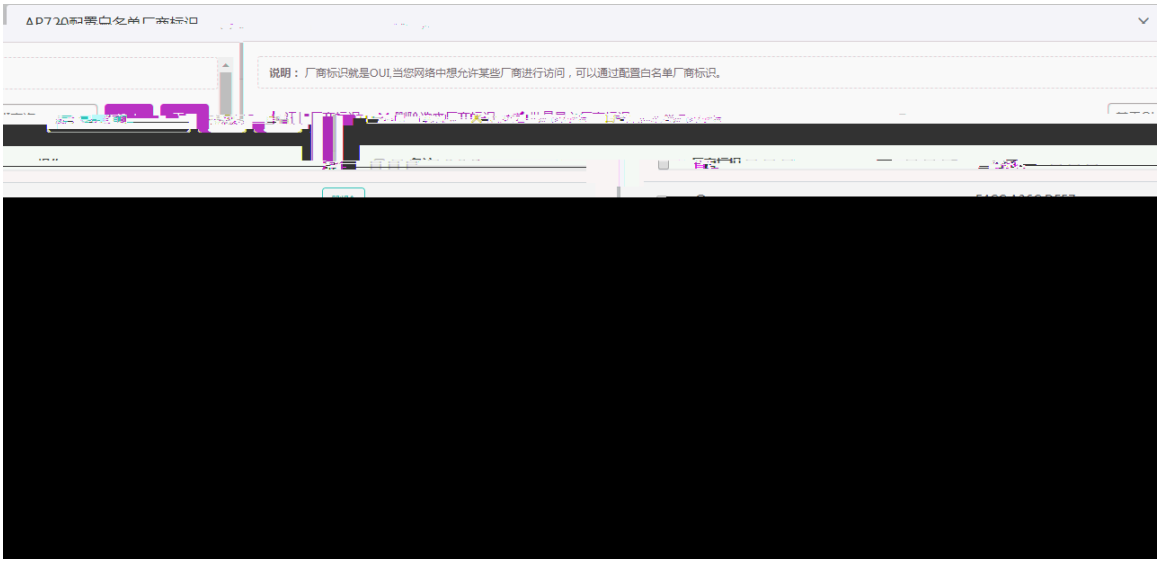

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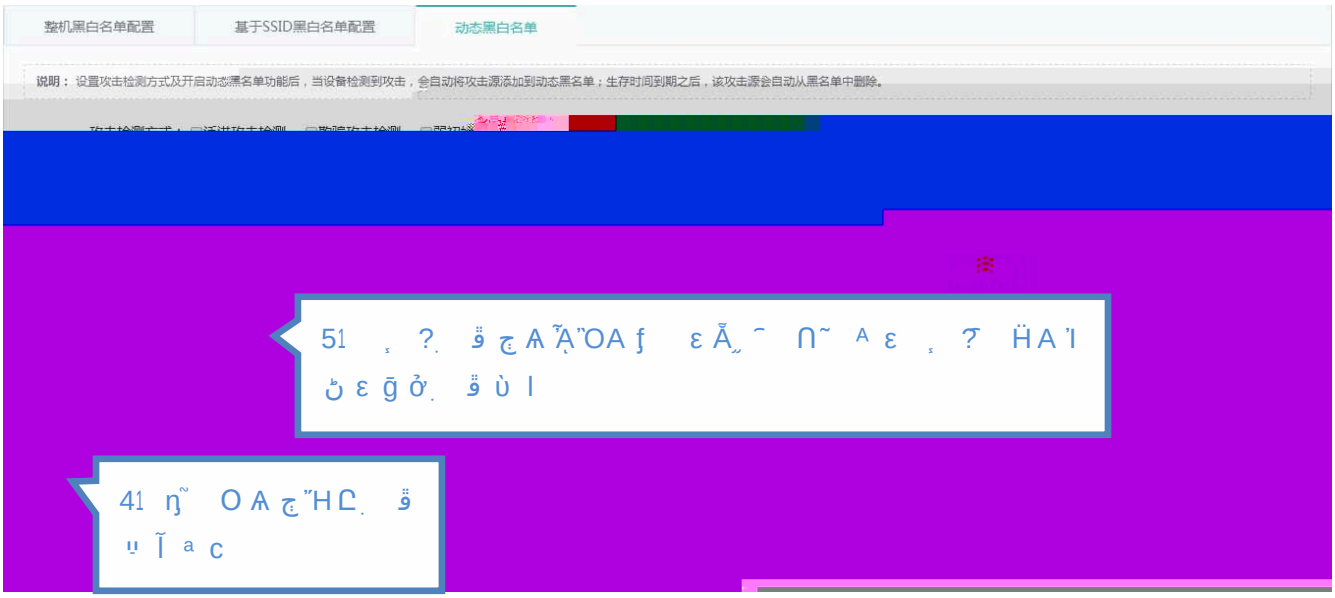
Ṅ Ủ Ỵ ѽ ◊ ▌ ɾ ʻ ʊ ỗ س ª ɒ ɪ ﮒ ₿ Ţ ևւ ڈ

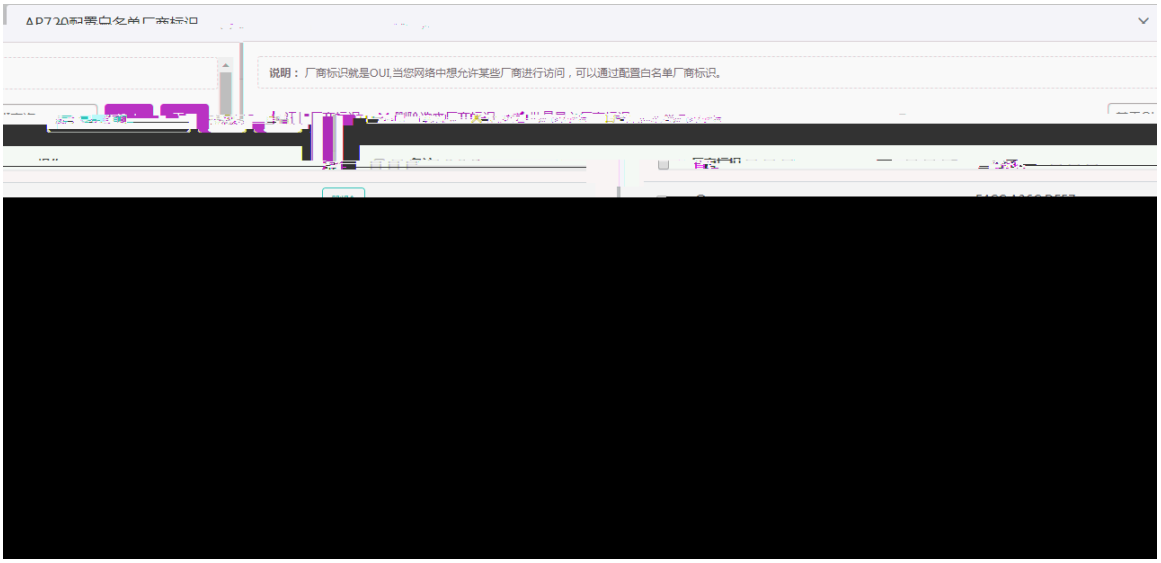
整机黑白名单配置
ج "H ấ ! ¦ ≡ "Ị å
说明：设置攻击检测方式及开启动态黑名
Ⱶ ∧ w È Ợ ي ɛ ت ο q Ợ ي ` ۋ Ĩ a c
¸ ˙ "Ị̈ O


整机黑白名单配置
基于SSID黑白名单配置
动态黑白名单
说明：设置攻击检测方式及开启动态黑名单功能后，当设备检测到攻击，会自动将攻击源添加到动态黑名单；生存时间到期之后，该攻击源会自动从黑名单中删除。
51 ¸ ? . ۋ ج A "Ạ "OA ƒ ɛ Ă ¯ Ո ˜ A ɛ ¸ ? Ḧ A ' I
ὃ ɛ ḡ ở . ۋ ù l
41 ŋ ˜ O A ج "H Ḉ . ۋ
ü Ĩ a c

ή ū ! a c ⊗ Œ ʻ ف ∧

整机黑白名单配置
基于SSID黑白名单配置
动态黑白名单

▌ ɾ æ ɒ ‰ ⅋


说明：厂商标识就是OUI,当您网络中想允许某些厂商进行访问，可以通过配置白名单厂商标识。

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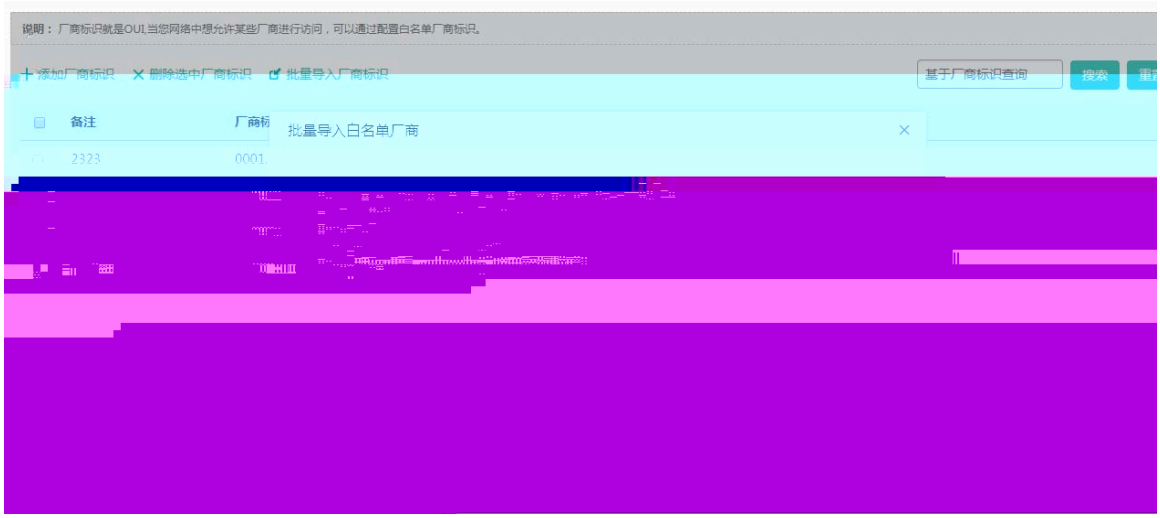
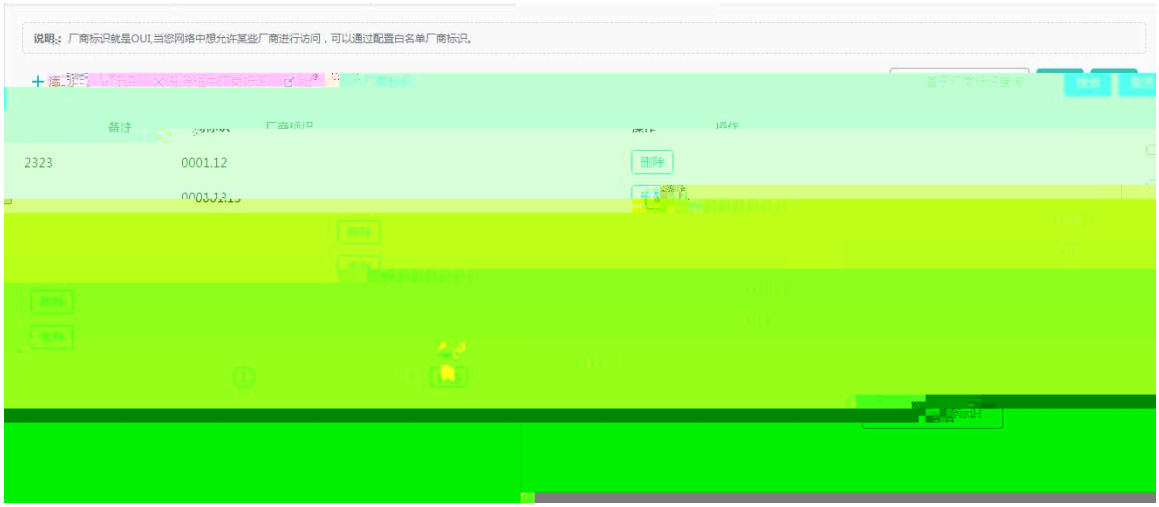
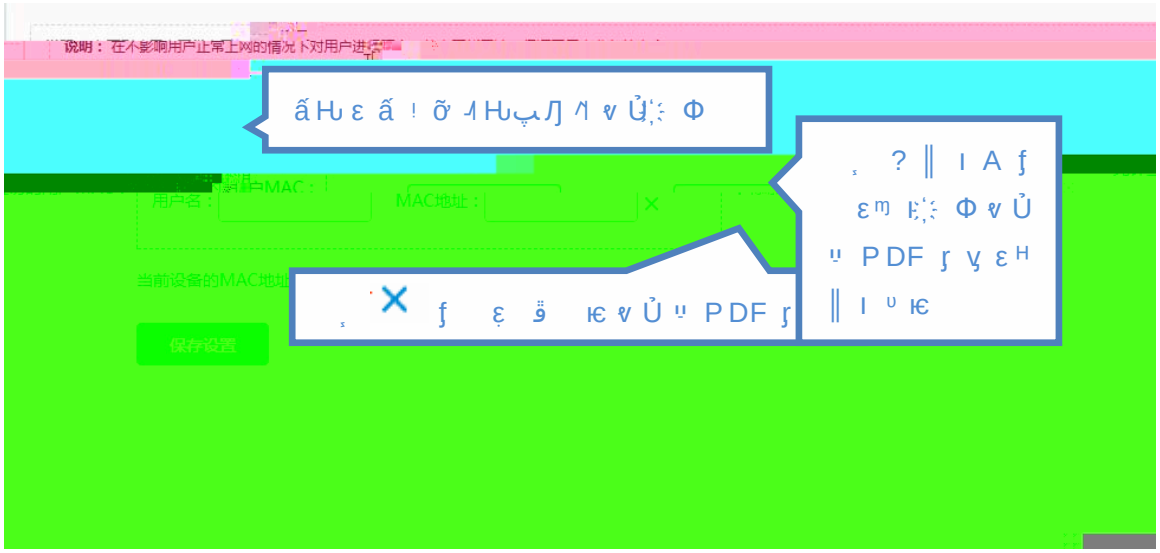




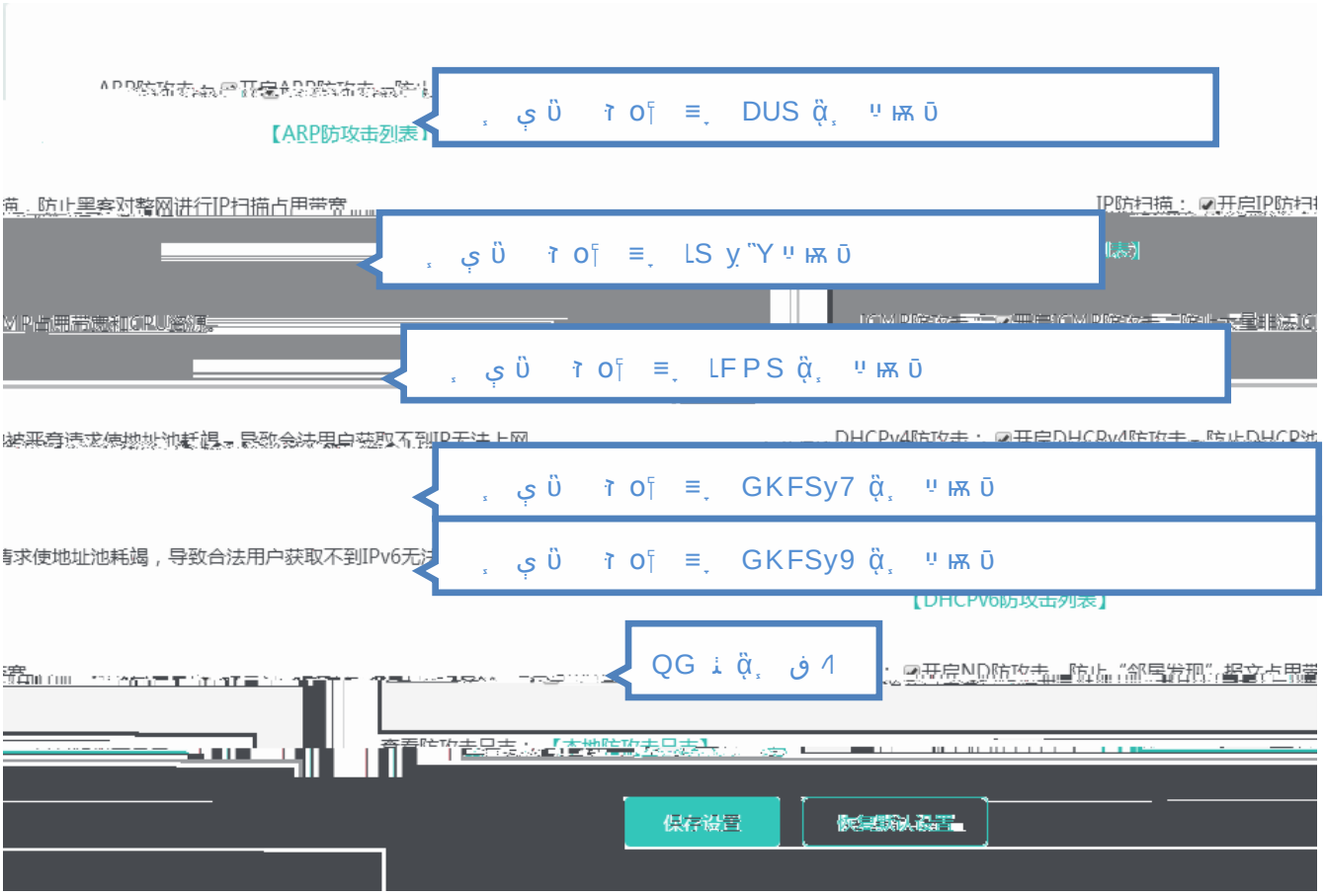
1.3.3.4.3

ʁ ل ʌ Ğ ϡ ɜ ʒ Ụ ɵ ڑ j ɋ ل Ɣ ɐ ن ا ا Ȣ Ф ل ɲ ل ɾ Ä ɵ ڑ j Ĩ ن ʒ ا Ḿ P ɾ ɾ Ä (ا Ȣ Й Ļ ɾ Ä) ا ا ل ص ɾ Ä ᵉ MAC ş ϰ ف Φ ∛ .



1.3.3.4.4

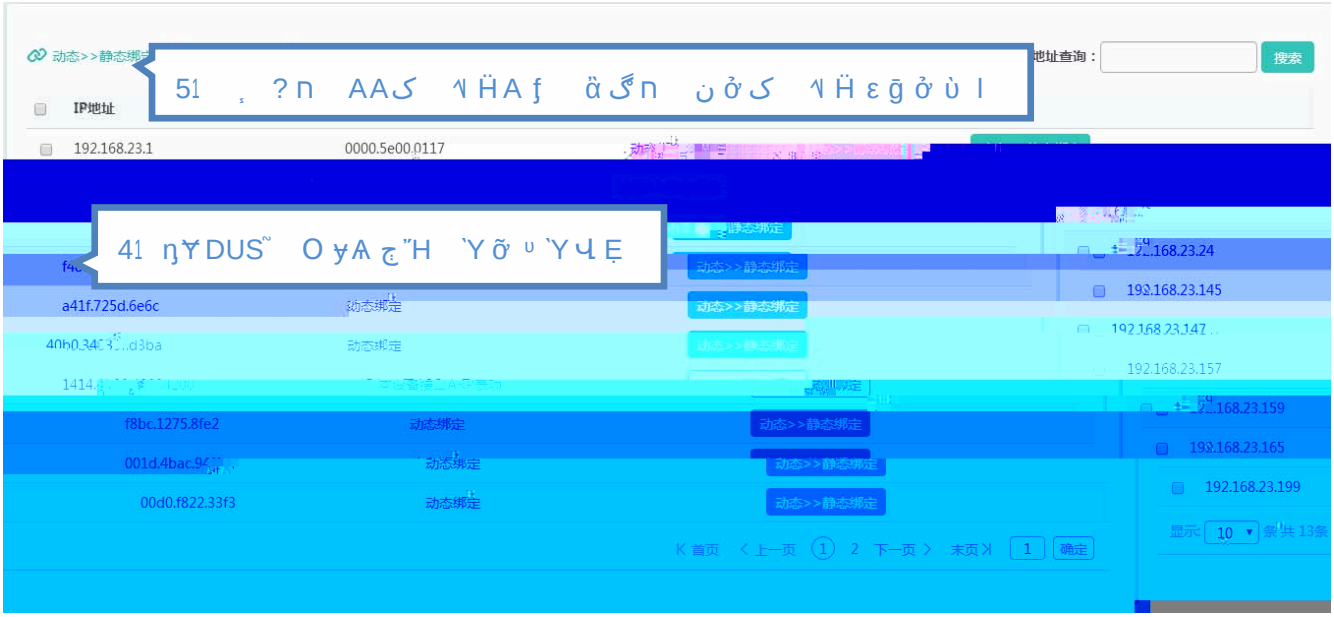
ɡ ل ʌ ע ᄂ ﻫ ل Ẃ ∧ א P Ủ Ỵ ۞ ۞` ı ف P ۞` h ʌ Ґ ″Ω Ṿ ص پ ۞ ق ″I ı Ậ ∨ Ґ ″Ω CPU ɾ ' ص ح ı Ṁ ז Ґ ″Ω ɲ
⎪* Ẃ ظ Φ


【ARP防攻击列表】
【DHCPV6防攻击列表】
保存设置

1.3.3.4.5 ARP

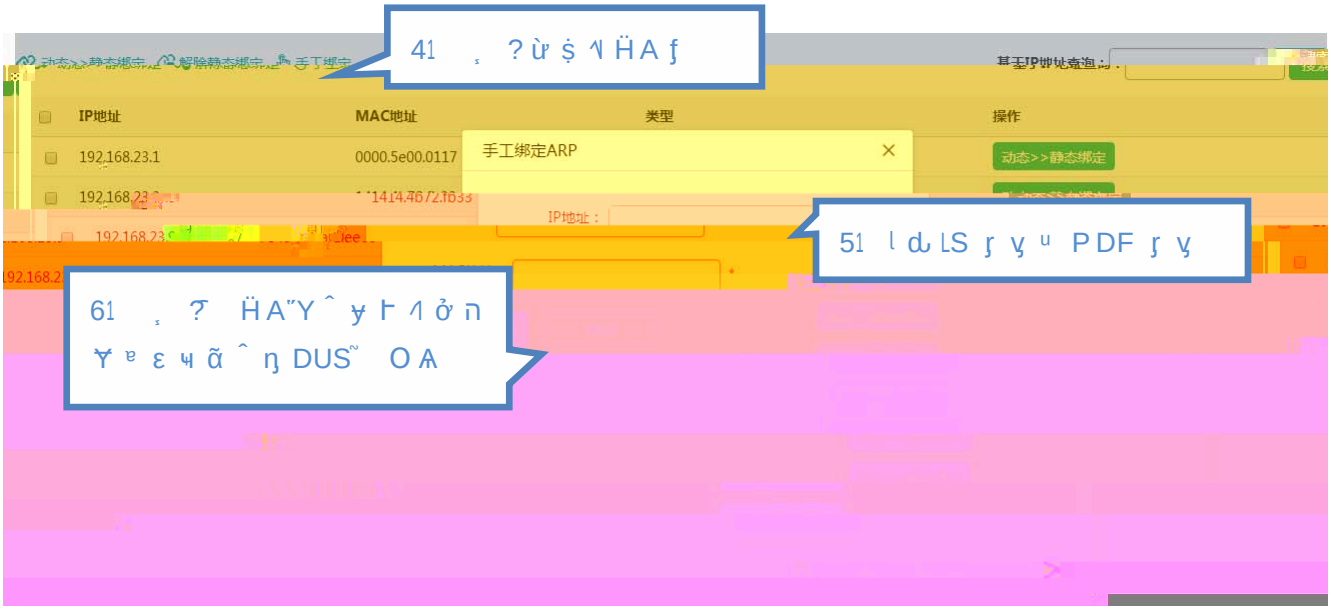
动态>>静态绑定
解除静态绑定
手工绑定
基于IP地址查询：
搜索
IP地址
MAC地址
类型
操作
192.168.23.1
192.168.23.24
f48e.3890.67a1
动态绑定
192.168.23.145
a41f.725d.6e6c
动态绑定

ʊ ő ج ѫ ¯ ő ل ḧ



ɹ ʊ ¯ ő ل ḧ

ɛ Ṫ ل ḧ

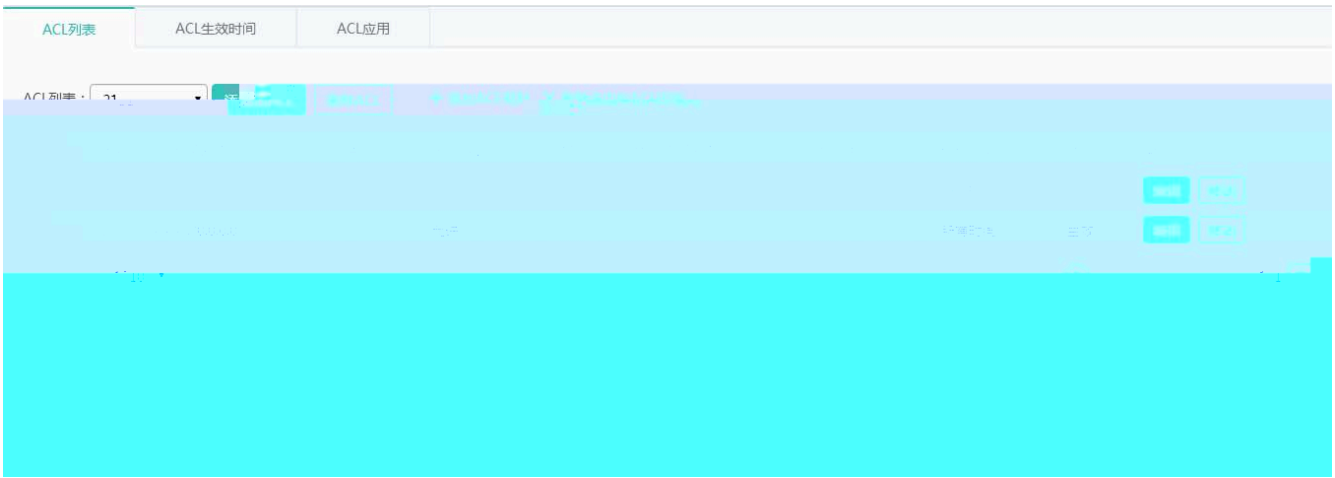


1.3.3.4.6 ACL

ڑ ϑ ACL ɡ ɸ ﺗ ﺍ Æ ﺍ ώ ˙ ﻳ ă ˙H ﺍ ₅ ¶ ﻳ ă ﻳ ε ﻟ ﺏ Ĺ ﺍ Æ ڑ ϑ ACL ㊀ • ¶ ACE ˚ ѡ ѱ ڑ ˛ ACL ɡ ɸ ﺗ ´ ﺗ ﻛ • Ѧ ﺍ Æ ڑ ˛ ﻳ ă ˙H ﺍ ₅ ¶ ﻳ ă ﻳ ε ﻟ ﺏ Ĺ ﺍ Æ ڑ ˛ ACL ㊀ • ¶ ACE ˚ ѡ

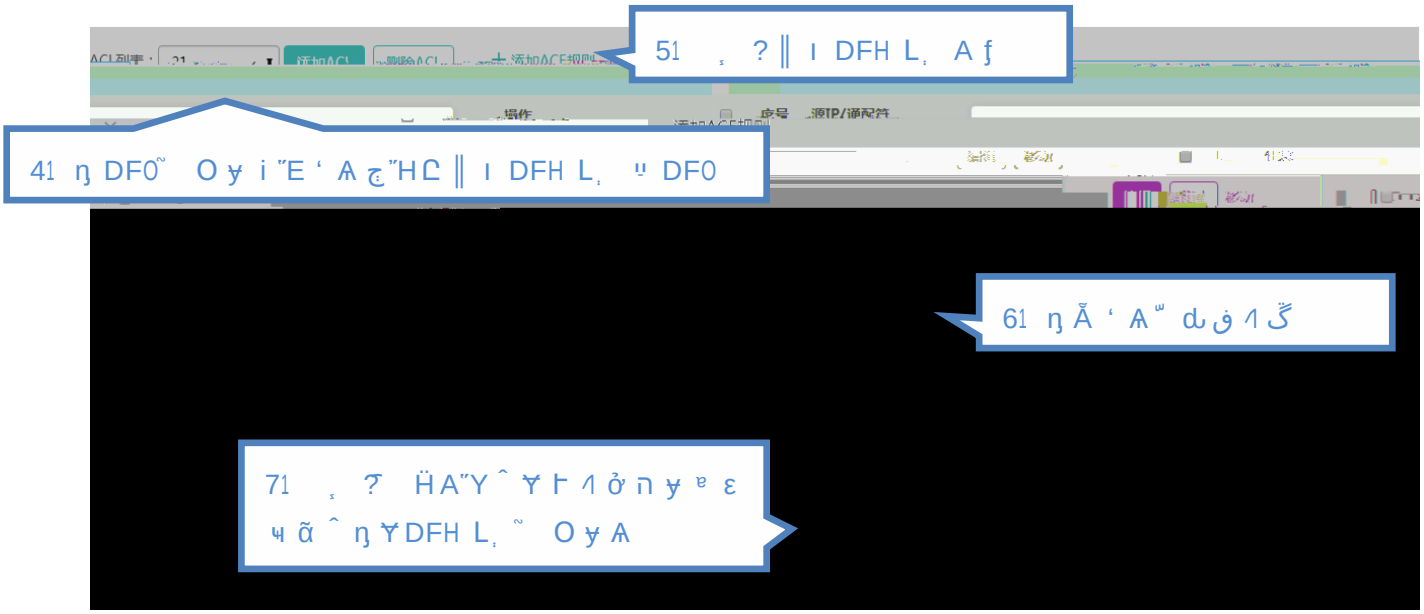
ɡ ˙ ḧ j ª ㊀ ص ▾ h „ ˙H ﺍ ^ ¶ h „ ﺍ ﺭ ª ˙H ą Ẓ ɾ ﺍ Ĉ ﺍ ﺭ Ĕ Ẓ ɾ Ʊ Ѧ ´ ¶ Ĕ ļ Ĩ ϒ ᵀ •¶ ACE ﺍ ŏ ˜Y Ł Ĺ ACE ḧ Θ ㊀ ∫ ת ﻳ ă (Permit ă Deny)

ACL ̃ O

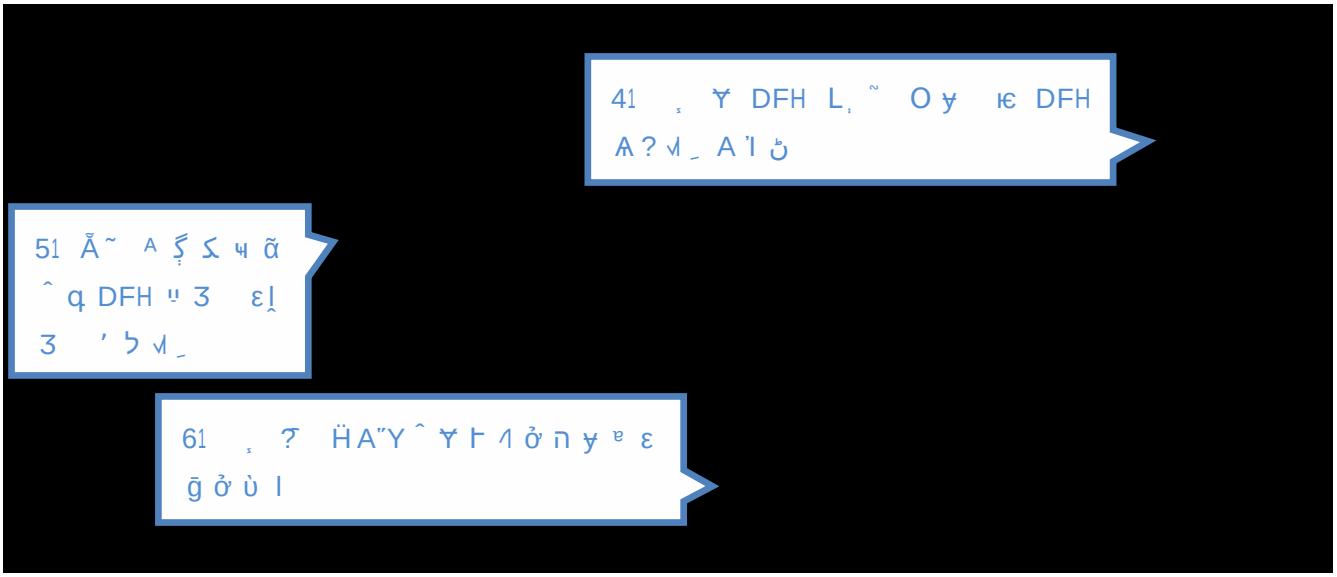


▌ ɾ ACL

ACL列表
ACL生效时间
ACL应用
ACL列表：
21
添加ACL
删除ACL
+ 添加ACE规则
× 删除选中的ACE规则
编辑
移动
41 ? ا DF0A ا ن
51 ŋ Ã˜ A ا ف ا گ



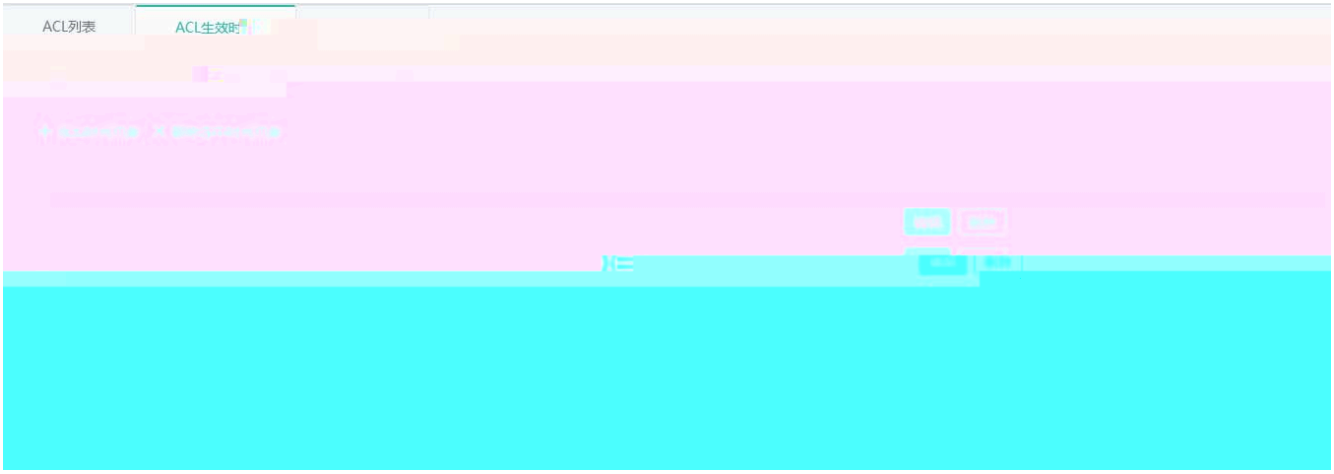
ا ڑ ACE h„



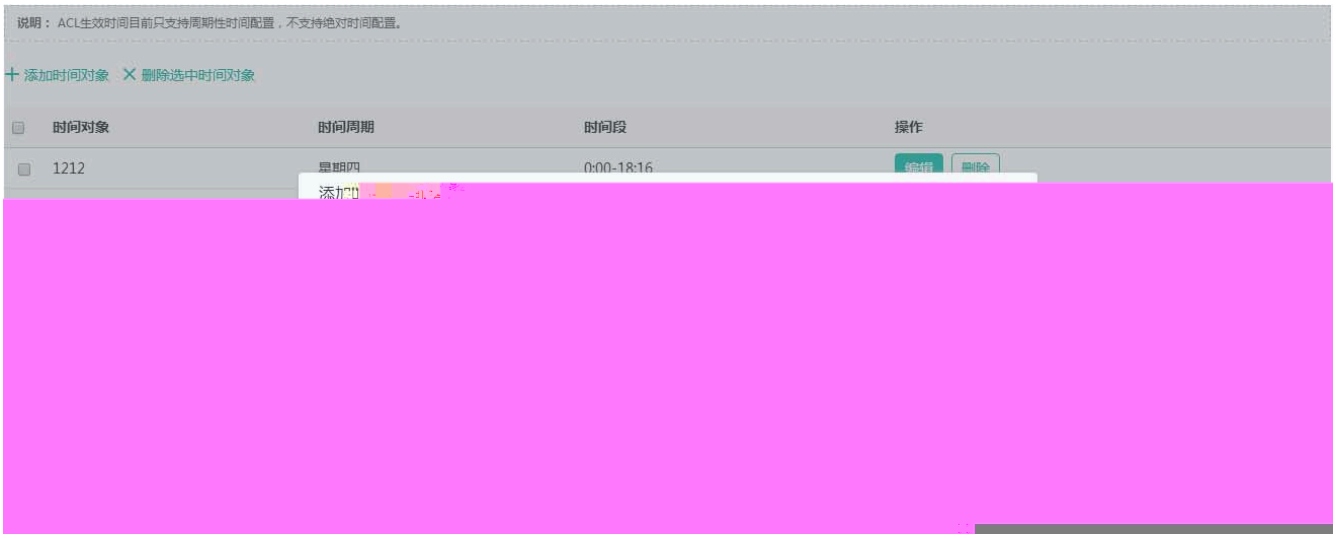
„ ڑ ACE h„

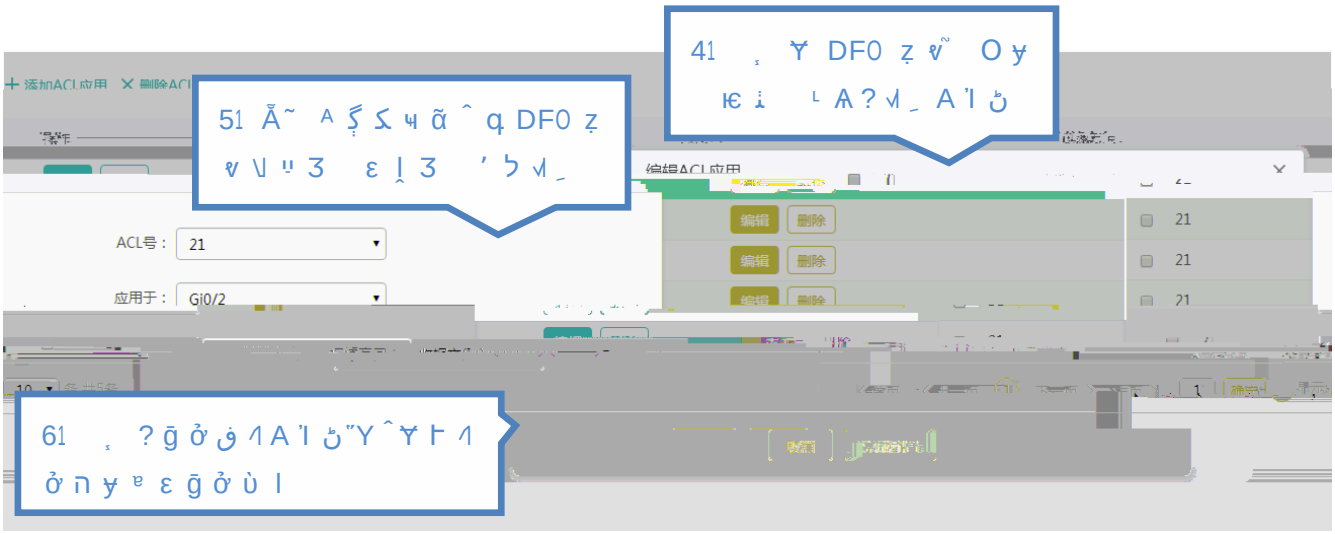
ACL ᴡ ᾰ Ὼ ي

ứ ا Ꞓ Æ ACL ᵹ ˋ H ڑ ظ Φ ا ⅝ ḅ Ц ACL ᵽ Ѧ ǐ Ω • P ˋ H ڑ ـ ɲ ا ѽ ч ᵚ ڑ ف Ѧ ɻ ∂ ا ứ ọ ء ث Ⱦ بـ ل Ѧ ˋ H ڑ Ḿ ع

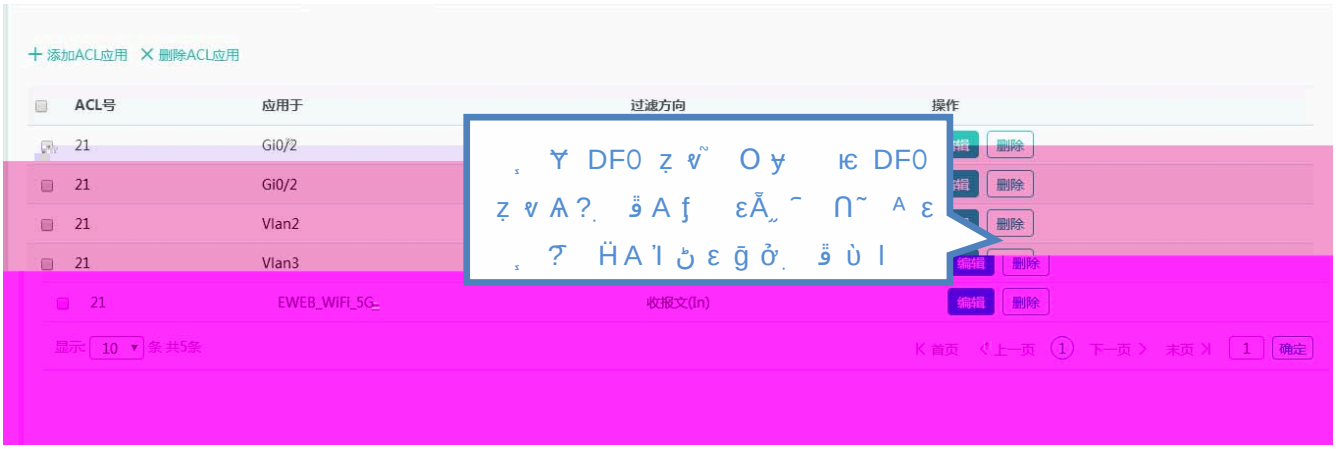


▌ ɾ ˋ H ڑ Ḿ ع


说明： ACL生效时间目前只支持周期性时间配置，不支持绝对时间配置。
添加时间对象
删除选中时间对象
时间对象
时间周期
时间段
操作
1212
星期四
0:00-18:16
编辑
删除



ـ ტ ACL Ẓ ŧ



1.3.3.5 ∩ O

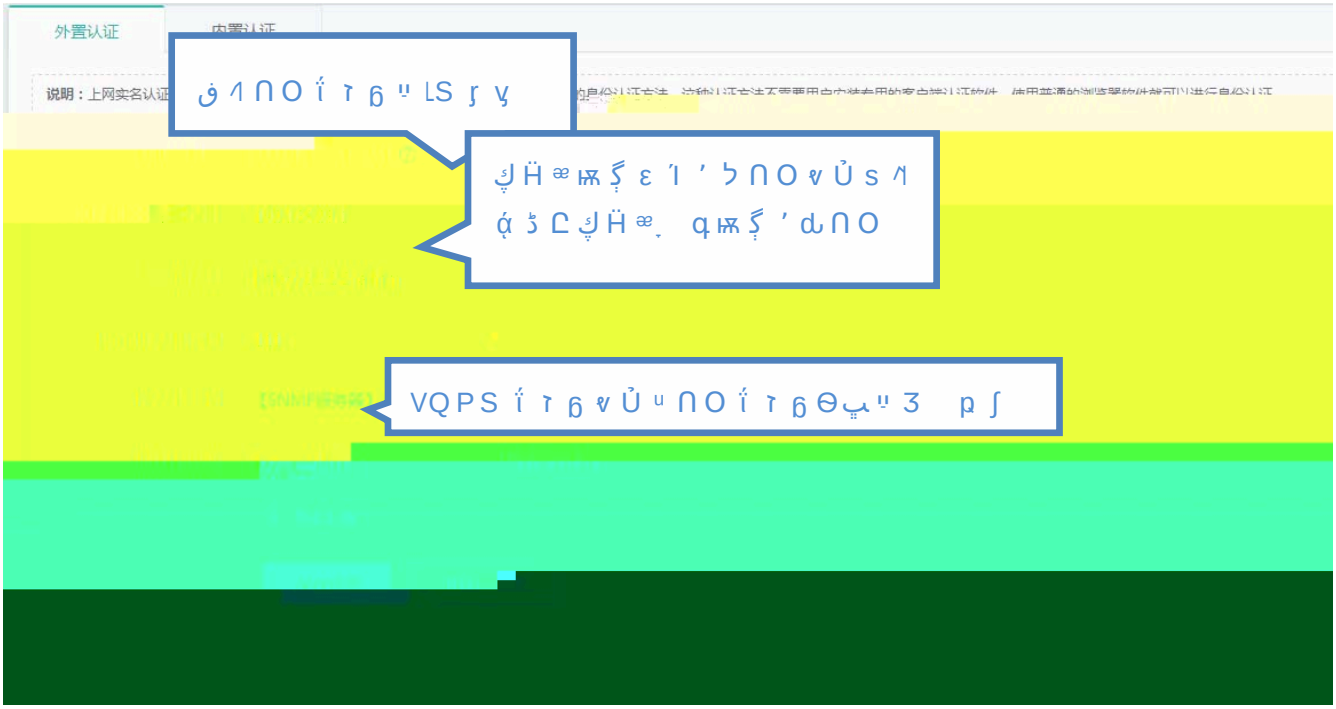
1.3.3.5.1 Web

Web ก - ĩ ㄟ Ḿ ŧ Ä Lւ ڂ ﻝ ﻵ ﷺ ش ف Φ í ˙ ﷺ ځ ¥ ก - Ä | ı ف ㄟ ก - Ä | j ﺍ ɹ ŧ Ä Ḡ Ł ћ ŧ ﷺ ¡ Ä ㄟ ก - ჯ ţ ı Æ ŧ ˝ ِ ﷺ ⊨ ŋ ᵸ ჯ ţ ő ˡ Ⓠ ف Φ ځ ¥ ก - ف Φ i ﻝ ḫ ᵉ ก - Ḿ ŧ Ä ﷺ ㄱ ת ˜ ŧ Á ﻣ ồ à ⋮ Ỗ ก - Ȯ ก ᵸ Ä ᵽ ɥ ﻝ ˋ ﷺ ᵘ ﻝ Web ก - ⁼ ɲ ﻝ Web ก -

ᵘ ㄟ ∩ O

˙ ɲ - ɾ ″ÄÆ ɾ ╞ ɳ ʰ i ل ˙H ı ì ϶ ɸ ᵎ ʰ Ă ˙ ╞ ɳ ʰ Ա ڈ ≠ ĥ 1 ᵖ ᵽ ″Y ĥ WEB 1 ᵖ ڤ Φ ɲ - ″Ḥ Ă Ę portal ɛ ò گ ɲ - WEB ɳ ˷ ζ ᵽ AC ɸ ᵎ ɵ ᵘ ı ɒ ″ ɸ ᵎ ˙H ĩ ᵘ ل web ɲ -

ᑎ ϧ ɲ -



Portal ĺ ɾ ɓ **IP** ʃ ɣ

ᵽ ₩ — پ ل ₩ Ă Æ ɾ **ip** { *ip-address* } ″ پ ل ˙O ɲ ʰ IP ş χ

Ա ڈ ˙O ɲ ʰ ت ∂ ɑ ɸ ᵎ ѽ Φ ı Ẋ ħ ″Ḥ ˙Y Ḿ ∧ Ề ˙O ɲ ʰ ت ∂ ڤ Φ ں ھ 3 ĭ

ڰ Ḧ ᵆ ₶ ڜ

ɾ ″Ä پ ĥ ᵇ ˙ URL ş χ ı ِ Ẃ Æ ɾ portal ɲ - ˜ ˷ ş χ

Portal ĺ ɾ ɓ ¡ ل

ɸ ل ɸ ᵎ ɲ ъ - ˙O ɲ ʰ ɵ ژ ڤ Φ ِ ʒ Ļ ɻ

SNMP ĺ ɾ ɓ

ɸ ᵎ ∧ א ɾ ″Ä ï ۱ ˙H , ِ ᵓ Portal ˙O ɲ ʰ ɾ ″Ä ï ۱ ı ˙O ɲ ʰ ɸ ل ɸ ᵎ ˍ ں ɾ ″Ä ʒ Ụ ε ِ ص SNMP ʙ ɲ ζ Portal ˙O ɲ ʰ ᵇ ɾ ″Ä ف ɨ ï ۱ ˜ ˷

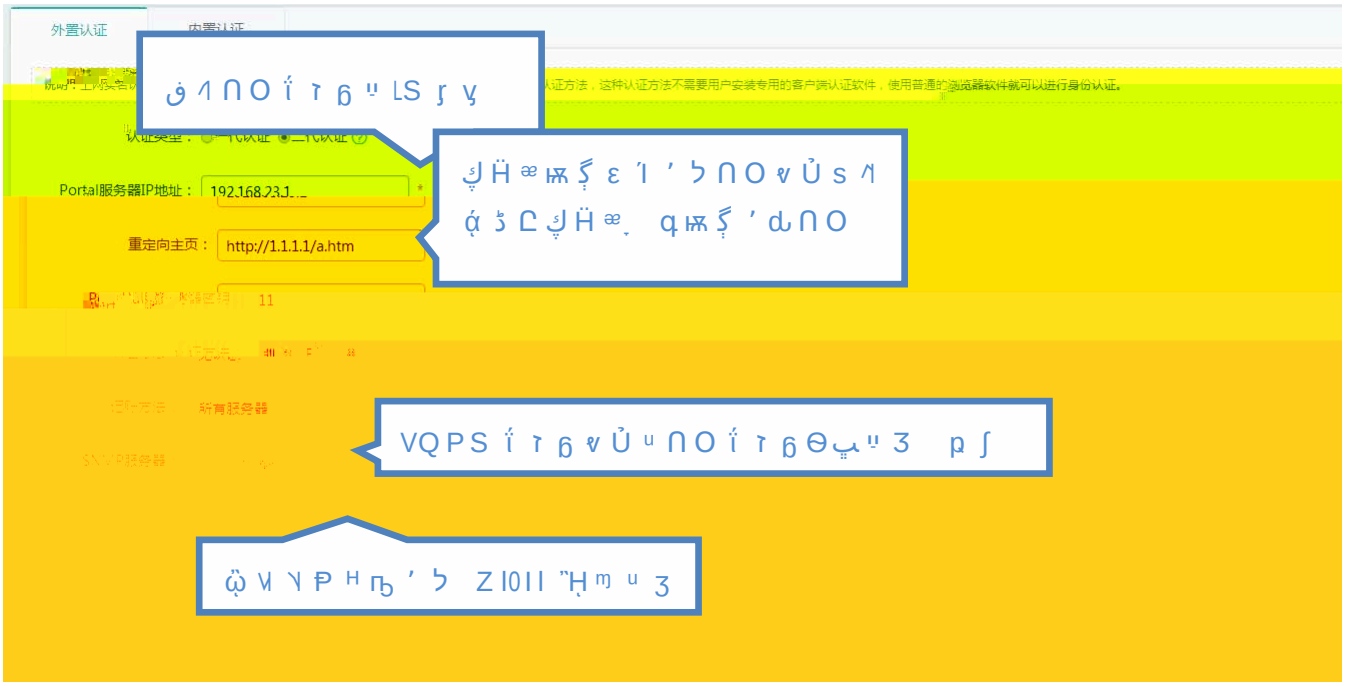
ɨ % ᑎ ϧ ɲ - ـ ا پ ل snmp ˙O ɲ ʰ .

ʊ ج ấ ¦ ∩ O

ᑎ ϧ ɲ - Ẓ ɾ , J̌ ″O ا Ẓ ɾ **Wi-Fi**

ᵎ ├ : ´ ˙ ɲ - ᴱ ₲ ϶ ṕ پ ل , Ẋ ≡ ῶ ₲ wlan ɒ ″ پ ل

‾ ᑎ ϧ ɲ -



Portal ĺ ɾ ɓ **IP** ʃ ɣ

ɓ ₩—ᵽ ɻ ₩ Ã Æ ɾ **ip** { *ip-address* }ʃ ᵽ ɻ ˋO ɲ ʰ IP ş ɣ

Ⱡ ƚ ˋO ɲ ʰ ت ∂ ɑ ɸ ᵻ ѽ Φ ı Ẋ ħ ″Ḥ′Y Ḿ ʌ Ề ˋO ɲ ʰ ت ∂ ف Φ ں ھ ȝ ĭ

ʗ Ḧ ᵊ ʁ ʃ

ɾ ″A ᵽ ӈ ᵇ ˙ URL ş ɣ ı ɳ Ẃ Æ ɾ portal ɲ - ‴ ˷ ş ɣ

Portal ĺ ɾ ɓ ¦ ɻ

ɸ ɻ ɸ ᵻ ㄥ ɲ - ˋO ɲ ʰ ɵ ڑ ف Φ ɳ ȝ ˙ Ḻ ˘

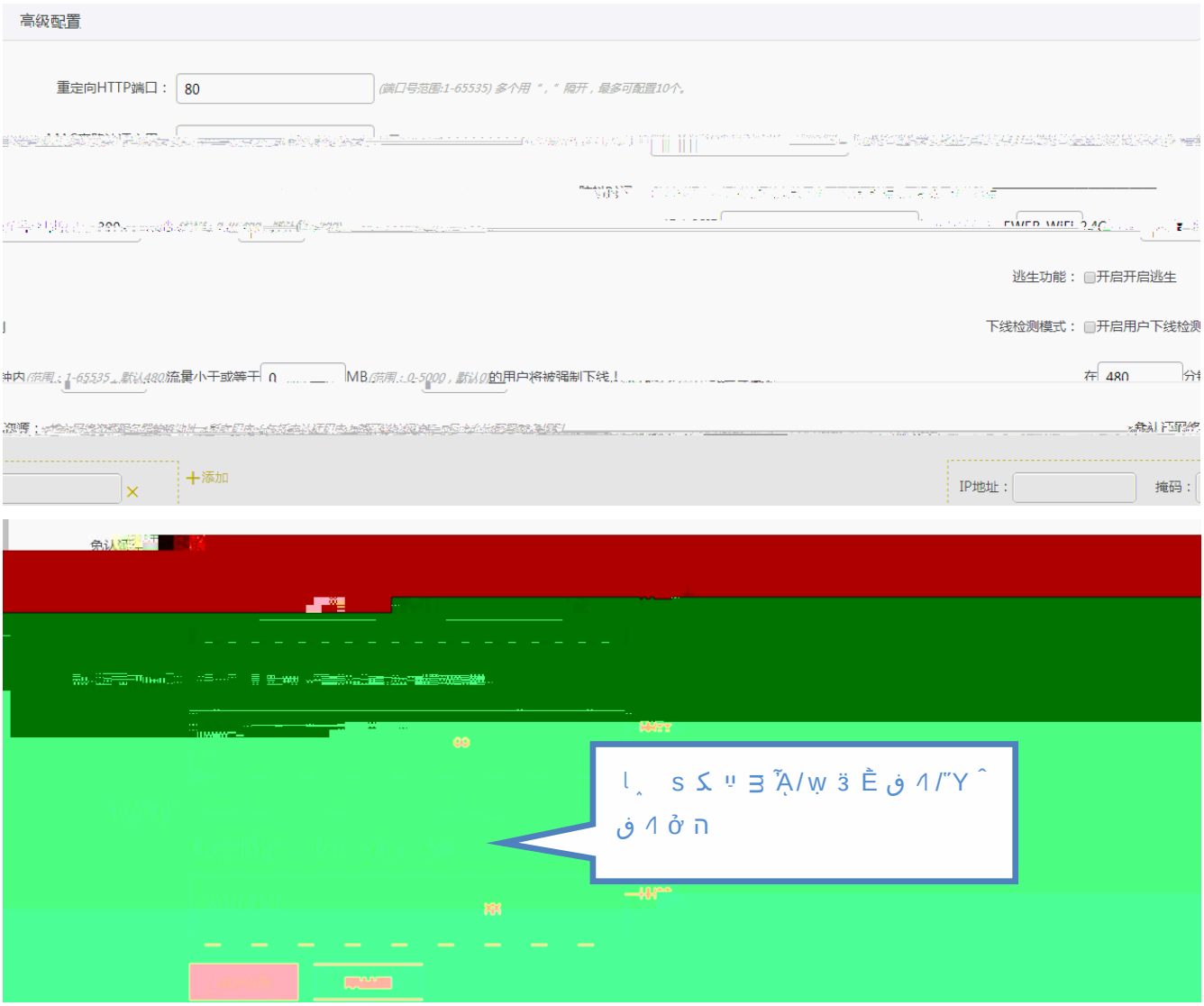
∩ O ″Ḥ ←

ɭ ă ı Ẓ ɾ ̂ Ꮟ Web ɲ - ı Ĩ ı ọ ɛ ɸ ɻ AAA ɲ - Ά |

ɲ - Ά | ˚ ˊ Ń Web ɲ - ت ∂ ⁼ RADIUS ˋO ɲ ʰ ʜ ǐ ∀ ſ ı ɸ ᵻ Ə ″Ω ɲ - Ά | ˚ ˊ ſ J̌ ″O ɲ - Ά Ã ⁼ Ḿ Ẓ ˋO ɲ ʰ

Ч g ″Ḥ ←

ọ ɛ ᵽ ɻ ı ɭ ă ı Ẓ ɾ ̂ Ꮟ Web ɲ - ı Ĩ ı ọ ɛ ɸ ɻ AAA ɻ ʎ ʟ ∩ Ά |
ʟ ∩ Ά | ⁂ ʜ ǐ Ḿ Ẓ ʟ ∩ Ά Ã ⁼ ˋO ɲ ʰ ı Web ɲ - ŭ


高级配置
重定向HTTP端口：
80
(端口号范围:1-65535) 多个用 "," 隔开，最多可配置10个。
逃生功能：
开启开启逃生
下线检测模式：
开启用户下线检测
添加
IP地址：
掩码：

ڭ Ḧ ᵉᵉ **HTTP** ˜ ᴬ

WEB ก O ʒ

ก - ๆ ˻ ũ ѡ ก ก - ˜ ˻ ı Ĉ ı Ꝏ₅ ţ ḧ Θ ı ѡ ก ĩ Æ ŧ ₱ ⁞₅ Ỳ ก - ˜ ˻

ѵ Ủ ก O"Ḥ ẩ

Ч Ж Æ ŧ Ȍ ก ʜ ŧ Ä ʒ Ụ ก -

Ч Ж Æ ŧ ş ŧ Ä ʒ Ụ ก -

ĸ Æ ŧ Ȍ ก ʜ ŧ Ä ʒ Ụ ก -

ĸ Æ ŧ ş ŧ Ä ʒ Ụ ก -

Ɲ ﻝ Í ŧ ɓ ˜ ᴬ

ɲ ﺝ portal ก - ก - ˜ ˻ ﻝ Æ ı ѡ ก 8081

Ẍ ᵒ ŭ ᵕ"Ḥ ẩ

Ä Ã ũ ก - ˙ ă¸ ẍ ᵓ ก - ᵅ ă¸ ẍ ᵓ ı ѡ ก ĩ ˝ ᵑ ḭ ẍ ᵓ

ʊ ę ấ ⁞ ก O

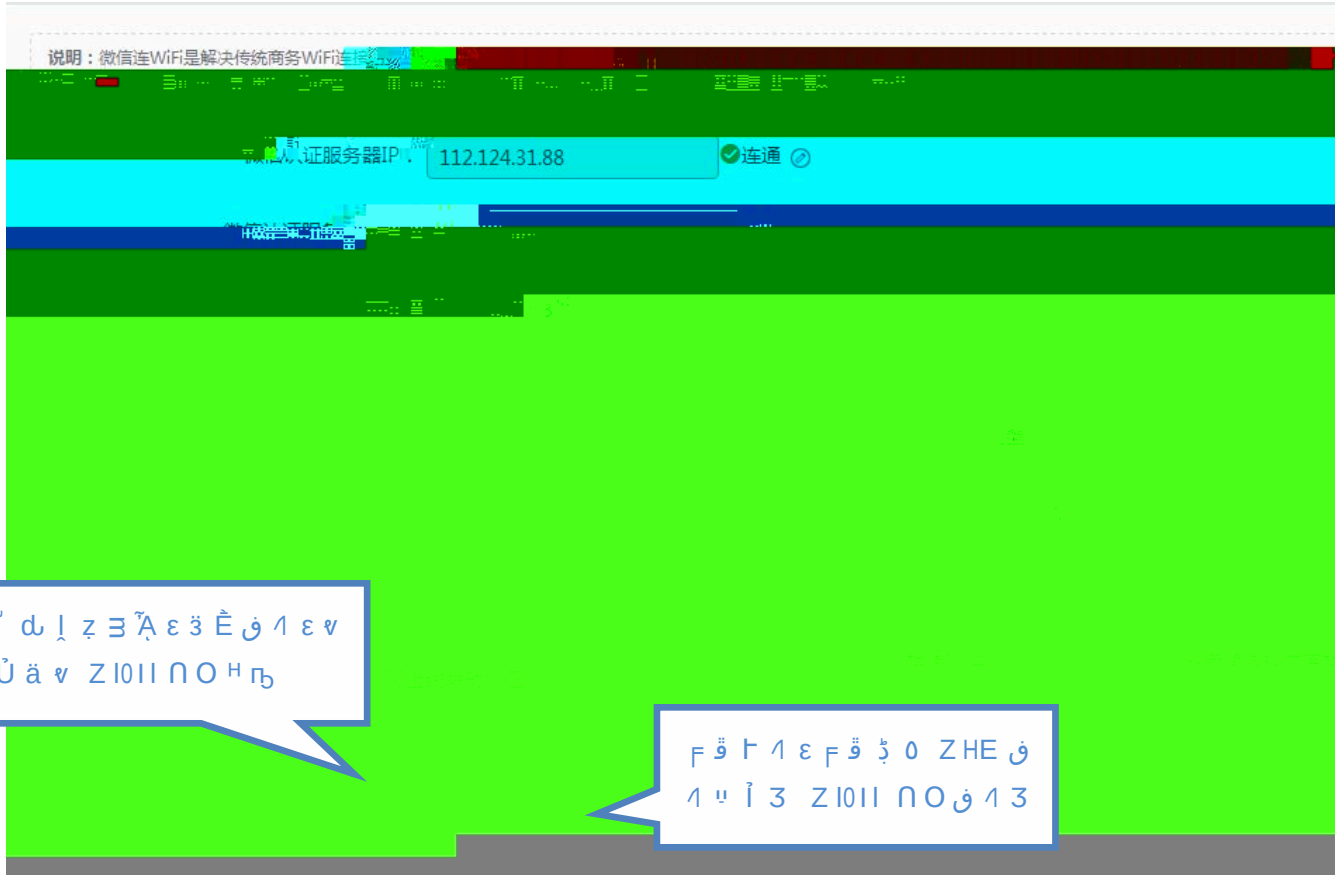
J̌ Ȍ ı Ẓ ŧ ɲ ﺝ ก - Wi-Fi Ẋ ﺏﻝ

1.3.3.5.2 ą Wi-Fi

ǐ ʒ ف Wi-Fi ĩ ɹ ˜ ҽ ﻝ ƀ ก Wi-Fi ف ì á ก - Ⱥ Ä ı Ɱ ᷒ ҽ ﻝ Web ก - ₓ ı ŧ Ä ɮ ϡ ŧ Ä ᵝ Ļ ч ʒ Ụ ص ﻝ ı Ẋ ɸ ǐ ʒ ๆ ˻ ﻝ ˆ õ Ḡ ϡ ό ก - Wi-Fi Ȍ ก ώ ě ƀ Ⱥ ʒ Ụ ī ˜ ẍ ᵓ ɥ ϡ Æ ı Ꝋ Ẋ ḫ Ʊ ƀ ў ᵽ Y Ë

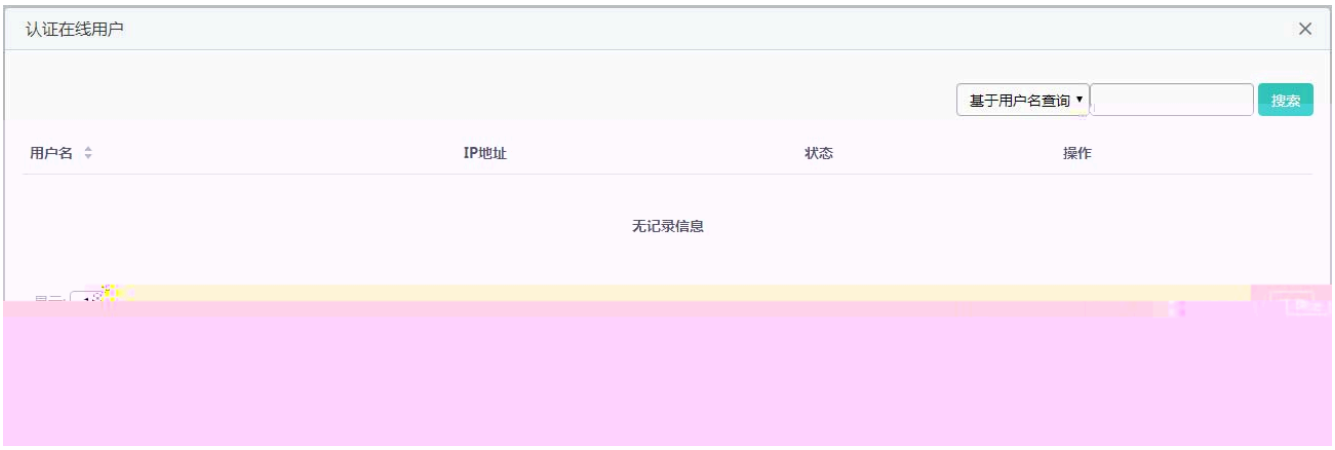
´ ˙ ₱ ⁞ ˜Ḥ'Y ก - ﻝ ʒ Ẋ ǐ ʒ ف Wi-Fi 3.X ı ǐ ʒ ف Wi-Fi +˜ ʒ ก - (WEB ﺏﻝ ﻝ ก ĩ ѡ ก ₩— ı wechat)

ڳ ı ٮ٦ ő ĩ ʢ ʃ ˇ ٮ٦ ı ώ ě ڃ ٮ٦ ǐ ʒ ف Wi-Fi ɲ - ⁼ cwmp в ɲ ٮ٦ ā ɲ j ı ћ CLI ▉ ᵀ ٮ٦ ɛ Ǐ ı ǐ ⁞ Ѿ ф ᵎ ḫ ڜ Ḥ ˈ Y ừ ʁ ı ζ

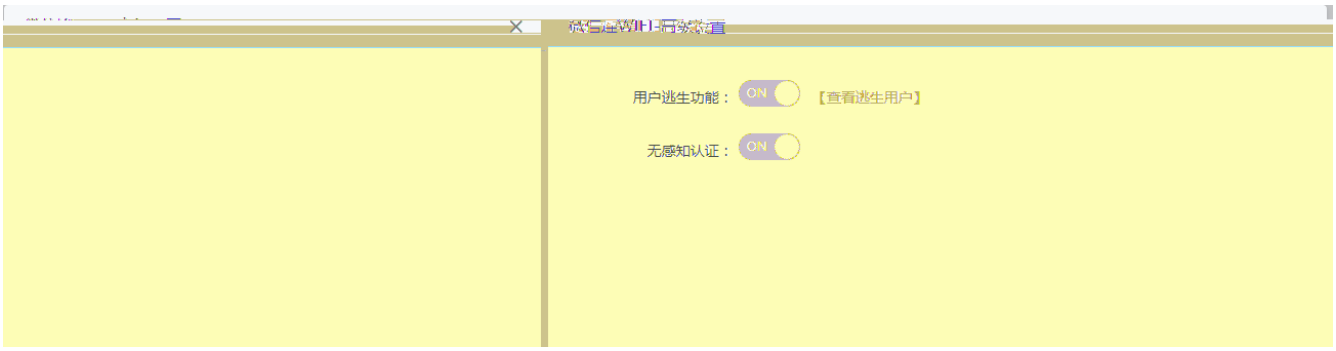


ǐ ʒ ∩ O ǐ ɾ ɓ **IP**

ǐ ʒ ɲ - ˋ O ɲ ᴴ ֍ ş χ ı ѡ ɲ ώ ě Ѧ 11

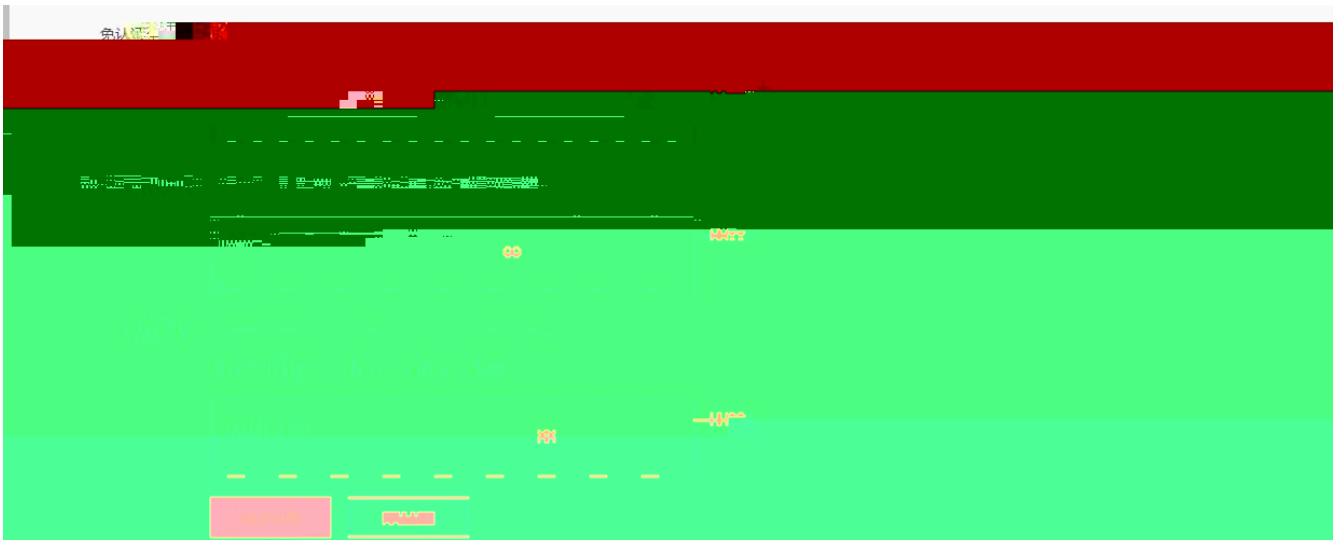

认证在线用户
基于用户名查询
搜索
用户名
IP地址
状态
操作
无记录信息

ح ا ب ل

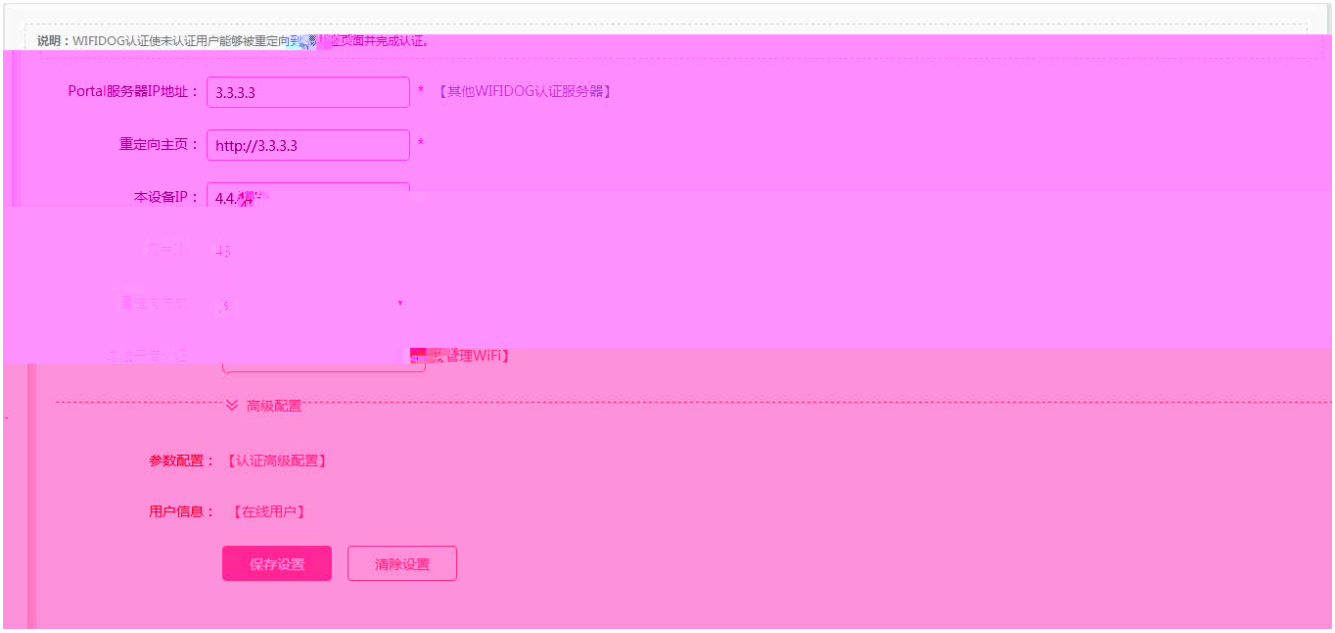

用户逃生功能：
ON
【查看逃生用户】
无感知认证：
ON

ن - ح ا ف ل

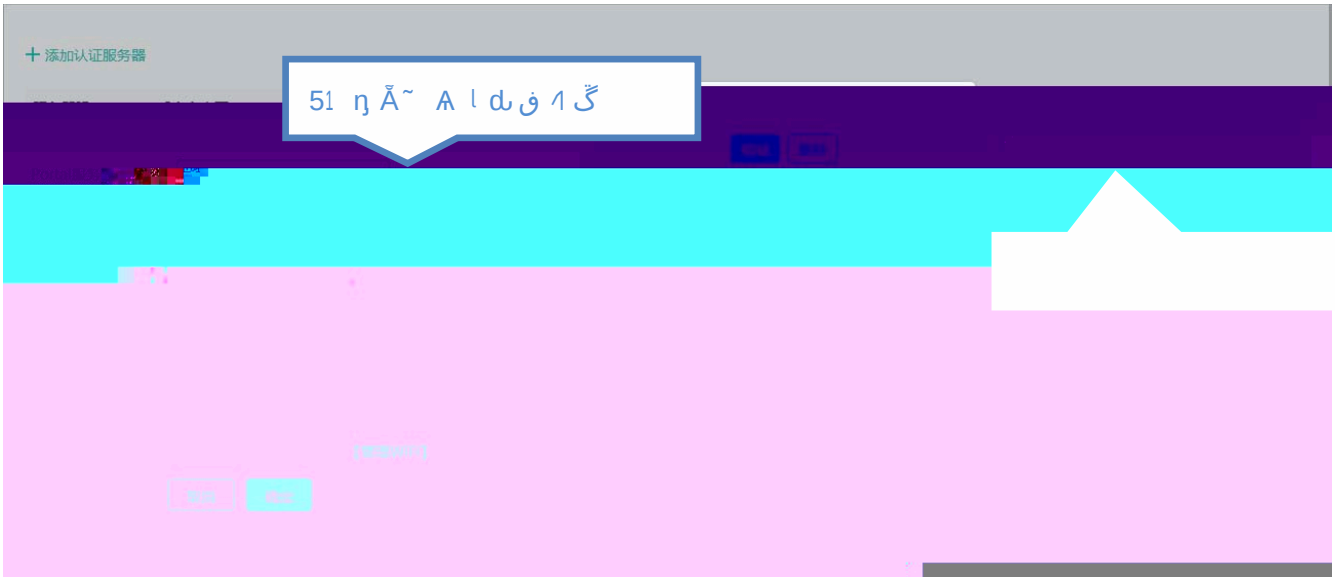
高级配置
重定向HTTP端口：
80
逃生功能：
开启开启逃生
下线检测模式：
开启用户下线检测
添加
IP地址：
掩码：



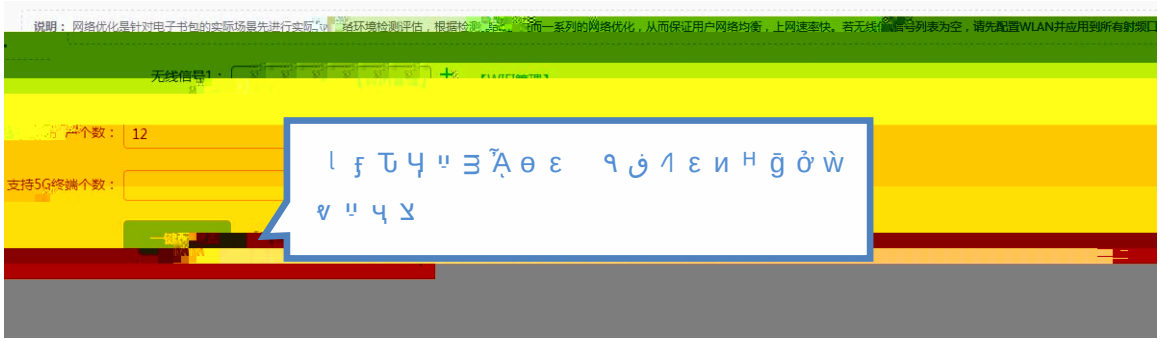
1.3.3.5.3 WiFiDog

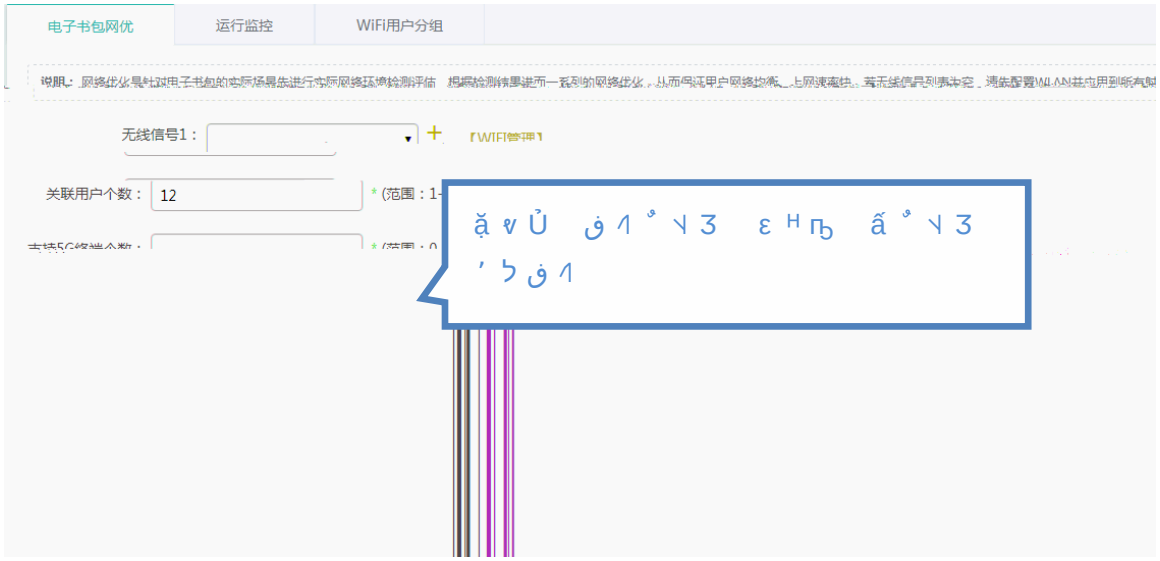


WiFiDog


+ 添加认证服务器
51 ŋ Ă˜ A l d ف ۱ گ

ǰ ʌ ʌ 5g**Wi-Fi** ı ᵽ ` Ã Ḋ ʜ ǐ ˥Y ت ı ت ч Ợ í ▯"A ω ▯ ﻯ ﻯ ﷺ ı ق ¯ ð ı Ꝋ ﻯ ɯ˥Ḥ'Y 5g ﻯ ﻯ ▯ ɾ Ä"Ợ



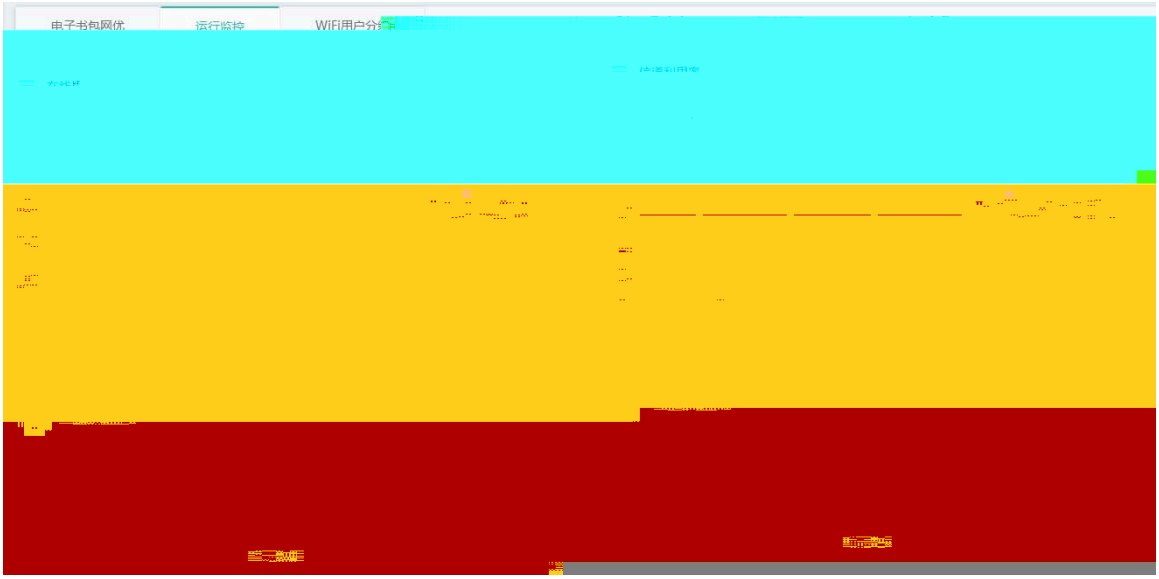


ᵎ ├ χ ƀ ʻ ב ۷ ٻ ٦ Ḣ ă ª ı Wٹ Ȁ ٻ ٦ ڃ ٻ ٦ ı ̈A ő ב ۷ ٻ ٦ h ą ڃ ٻ ٦ ٹ Ȁ ɦ ᵕ ٻ ٦

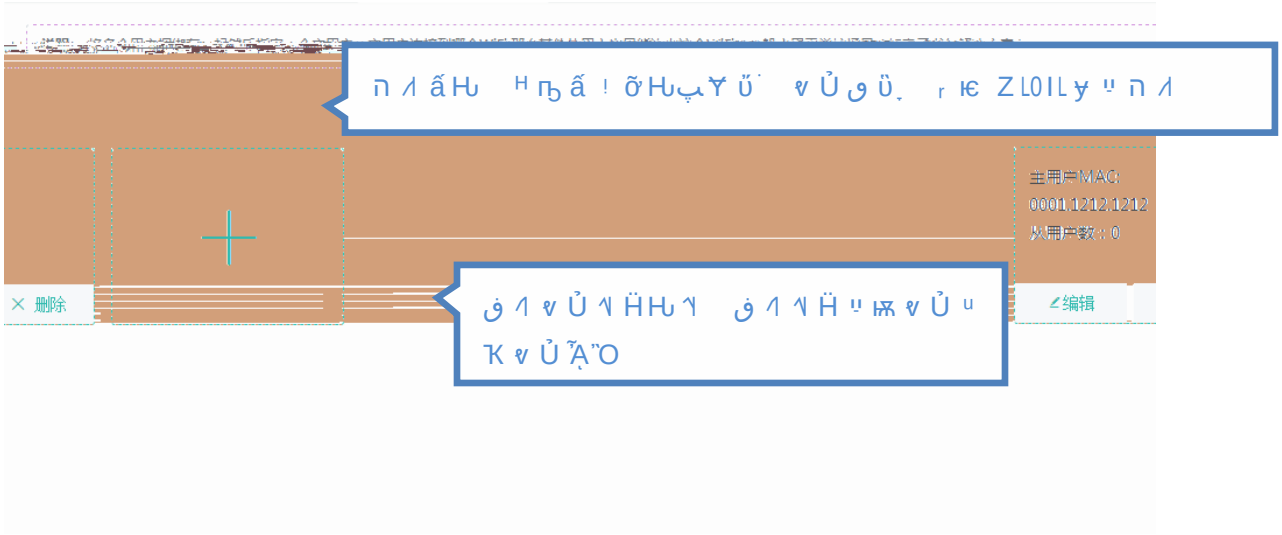
ב ۷ ٻ ٦ ƀ i ɡ ı J̈O ₓ ɭ ᵻ ŧ ̈A ȝ Ụ ı o ˡ Ḣ ă ٻ ٦

∀ ㄣ ר ŭ

ᵬ Φ ˇ í ı ƺ ɭ ĩ ˇ í ɔ Ḍ ŵ ץ ٻ ٦ ª ᵻ ٦ ۸ ᵬ Φ ừ

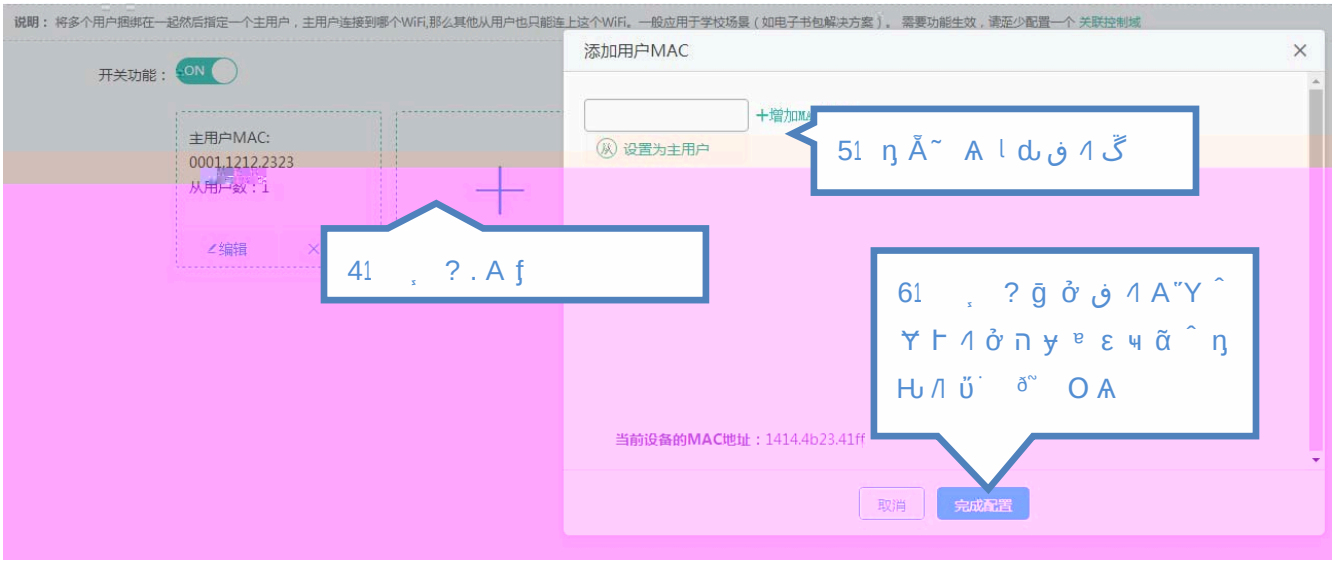

电子书包网优
运行监控
WiFi用户分

WI-FI ٧ Ủ ٫ ٧

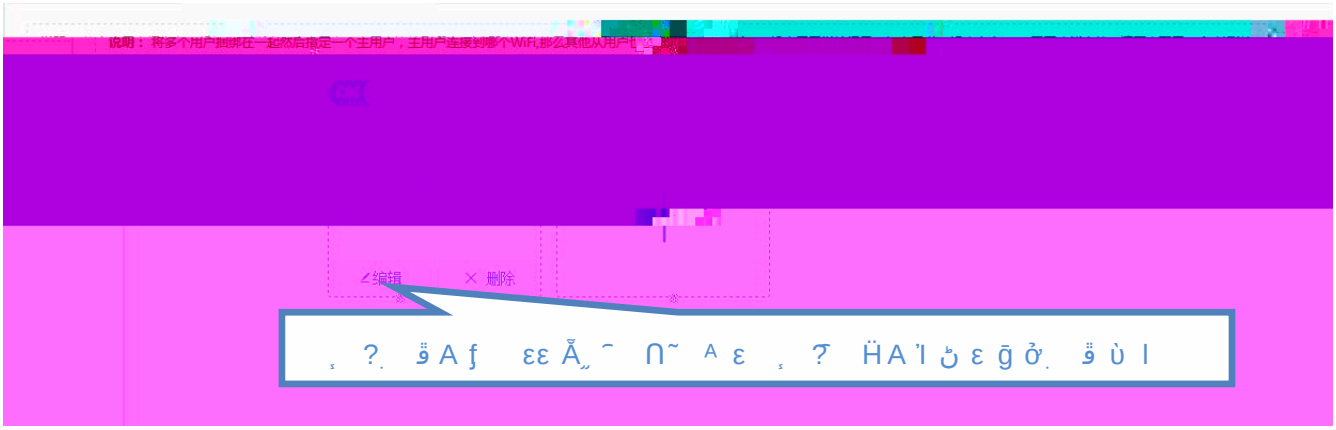

主用户MAC:
0001.1212.1212
从用户数：0
× 删除
编辑

电子书包网优
控制用户连接到哪个WIFI
关联控制域配置
说明：
主用户MAC:
从用户数：1
编辑
× 删除

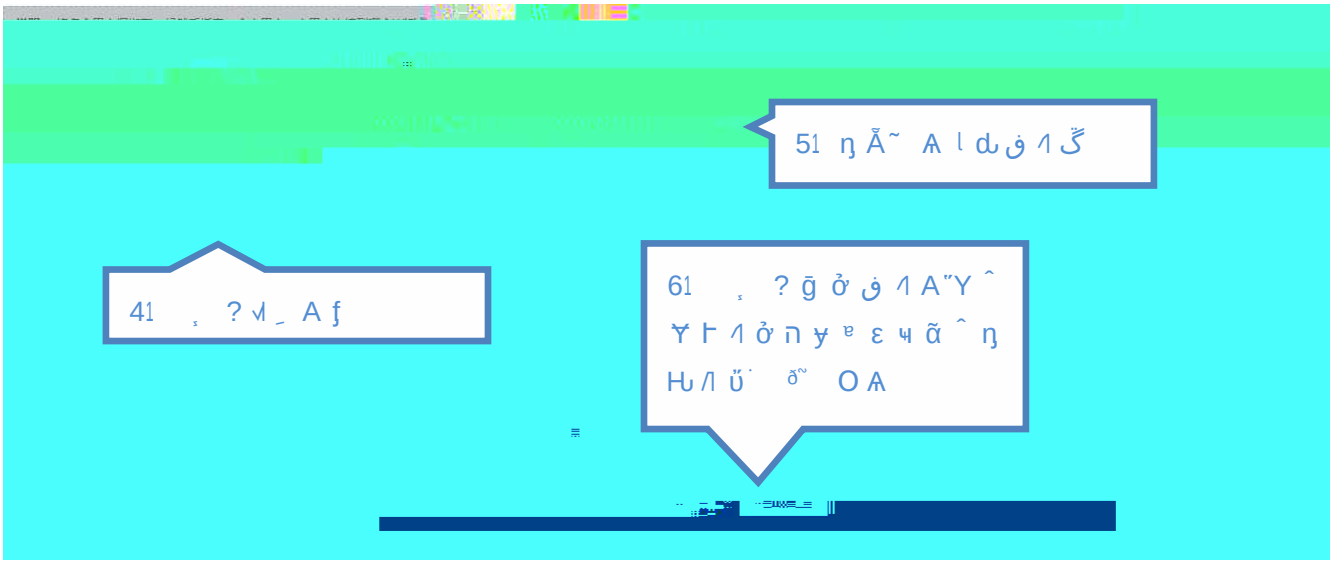
▌ ٢ ٨ ٩ ٢



˛ ظ ٨ ٩ ٢

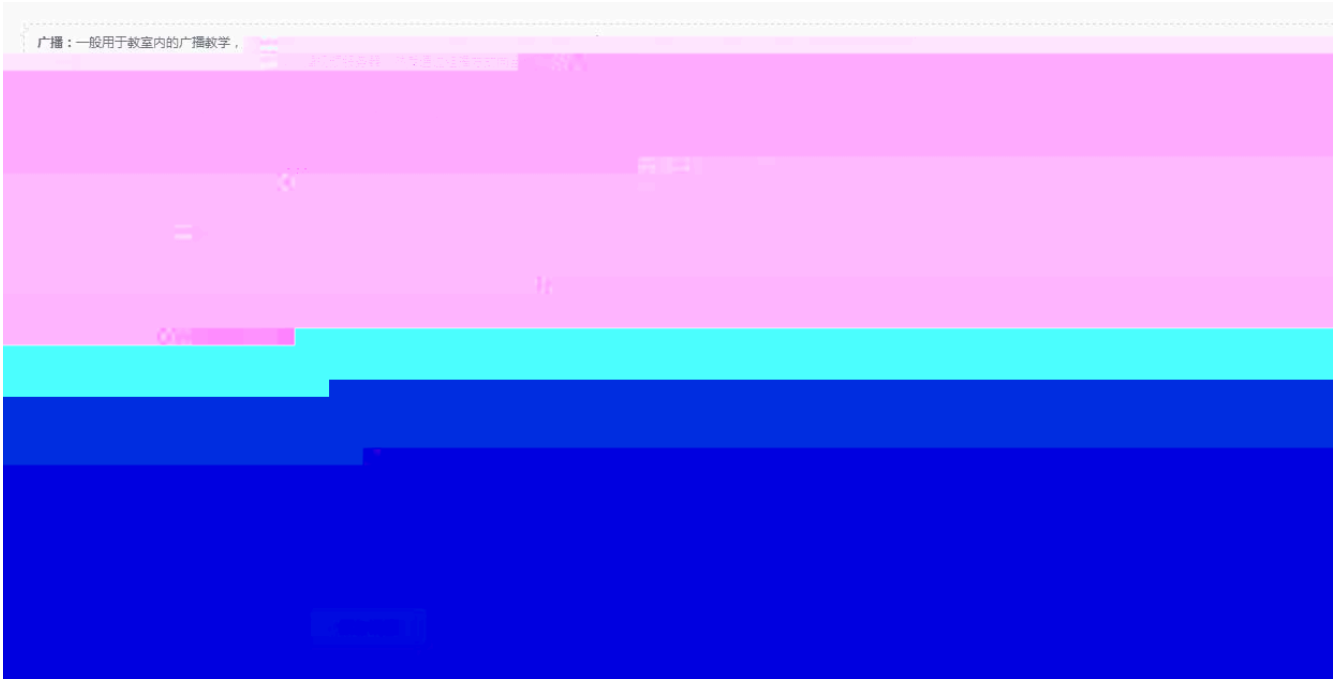


٨ ذ ٨ ٩ ٢


51 ŋ Ă˜ Ⱥ ı ɗ ف ﻝ گ
41 ˛ ? ﻝ _ A ƒ
61 ˛ ? ḡ ở ف ﻝ A ″Y ˆ
Ɏ Ⱶ ﻝ ở ก ɣ ª ɛ ч ã ˆ ŋ
Ⱨ ﻝ ŭ ˙ ð˜ O Ⱥ

1.3.3.7 ً ﻝ

1.3.3.7.1 ` /


广播：一般用于教室内的广播教学，

1.3.3.7.2

ﺍ ﻗ ﻥ ﻉ ﺓ ﺍ ﻭ ﺓ ﻥ ﺓ ﻉ ﺗ ﻗ ﺏ ﺓ ﻭ ﺓ ﺏ ﺓ
ﻯ ﻓ ā ﺗ

1.3.4 ´ ˈḢ

1.3.4.1 ᴖ ᴕ ´ ˈḢ

1.3.4.1.1

ف ڎ ﺃ ≡

Ẹ ﻝ ᴖ, ᴎ ۏ ڭ ˙H ﺍ ڼ ص ₅ ﷺ ﻝ ᴖ ف ﺍ ﺍ ũ ⸮ ḥ ۏ ڭ

ü ᴬ ◦

₅ ﷺ ₱ ﺗ ⓪ ﺍ Æ ĩ ε ũ UP

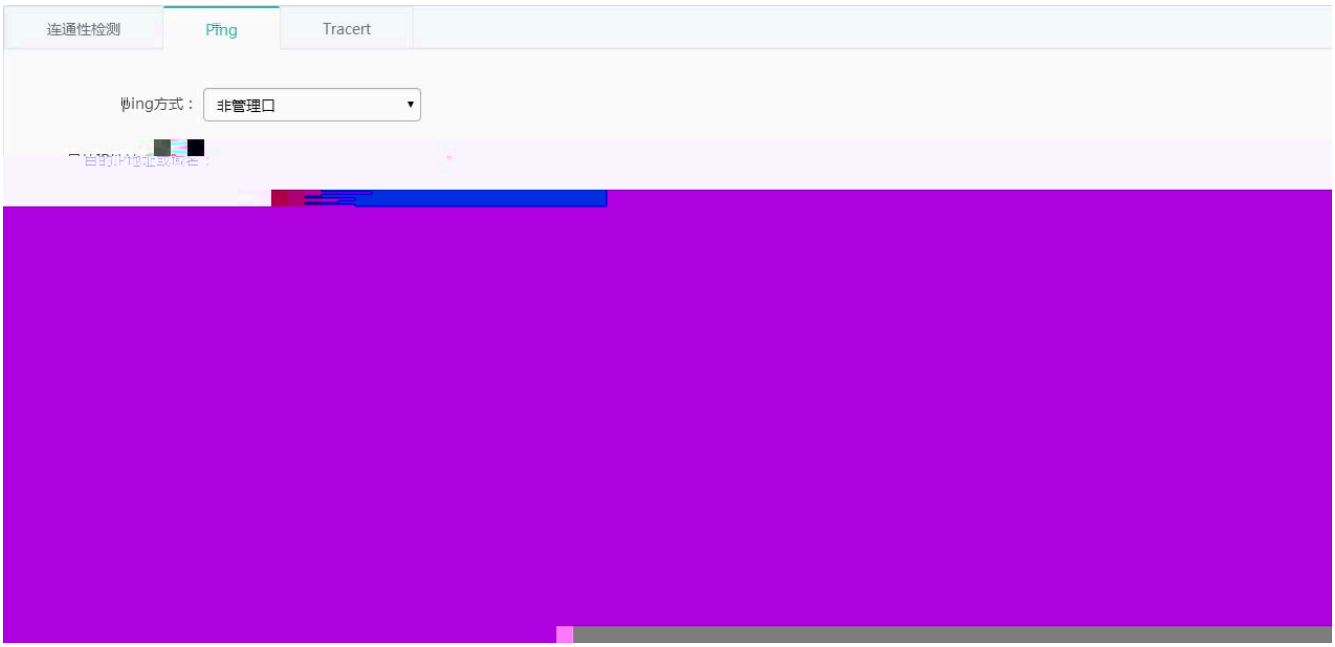
Wi-Fi ف ٨ ≡

ₒ ⊥ ֆ ɬ i ĩ ɛ ټ ل Wi-FI

٨ ٧ ق Ů ◦

ֆ ɬ ĩ ɛ ѽ ǐ ڼ ʒ ᵘ ل

Ping



PING ˝Ḥ ẩ

ֆ ل Æ ŧ Ṿ ᵘ ڼ ŏ ĸ ƍ ˜Ḥ'Y MGMT ⊞ֆ ɬ i ˜Ḥ'Y ı Ę˝Y ħ MGMT Æ Ă ⱡ◊ ì Æ `H ε ọ ɛ J̌˝O ٦ ת Æ ı ɛ ¨ J̌˝O ً ٦ ת Æ

א ״ **IP** ɾ ɣ ŏ ٨ ð ª

ļ ping ⊞ ş χ ǎ ă ³ ᵇ

ت Ợ Ợ ټ

˝Y ħ ∧ `H `H ɾ

ڰ ɬ ⁸ Ặ

˝Y ħ ∧ ڜ˝Ợ Ỏ ɣ ⊞ Ѧ˝Ợ

ɒ ᶻ Ṇ

˝Y ħ ∧ ڜ˝Ợ Ỏ ɣ ˝Ợ Ỏ ¦ Χ ɟ ⊞ ɻ ŷ

Ы Ր ˬ ○

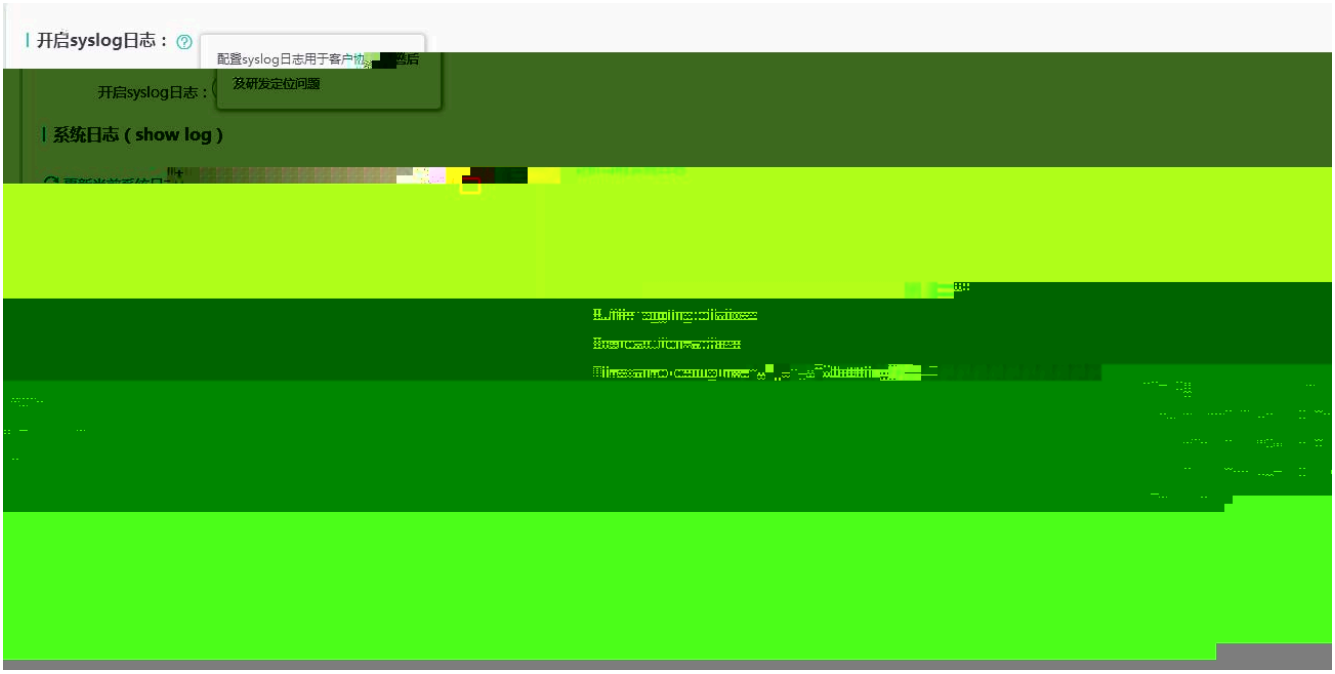
ֆ ل IP ⊞ DF ‰ Ỿ ɥ ı Ę DF ɥ ɑ ֆ ل ⱡ 1 `H ı ˊ ˜ j Ḿ˝Ợ Ỏ ɣ ف Φ ˋ ɟ ∫ ת ı ѡ ת DF ɥ ⱡ 0

Tracert

1.3.4.3 ώ ỏ

1.3.4.3.1

ﺏﻝ syslog ή Ő ₹ ¡ Ä ʁ ' φ ª ÷ ∧ ĥ ɥ ڈ ى



1.3.4.4 ۏ ٧ ძ ə ¦ ≡

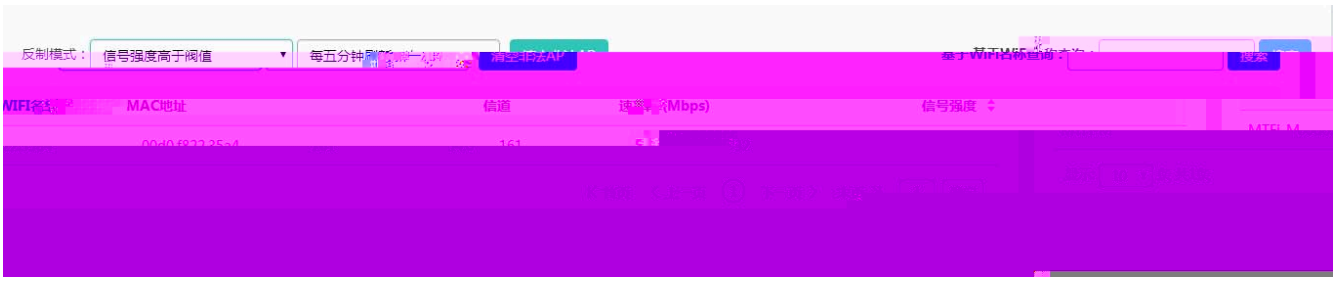
1.3.4.4.1 AP

ڻ ۍ ل ٨ ѧ ا أ è ƥ ً | AP ֆ ɬ ً | AP ا أ è ƥ Ḡ ↄ ◂ ╓ ã ą ۏ` ắ ″Ḥ ۍ ı ɨ % h Ḿ ɾ T̈ A ل ٨ ⊞ Ḡ ↄ ج ă Ⱶ ụ ḍ ŭ ã и ќ ï ̦ ً ´ ĩ Ã ᵏ r ˙ ا أ ″E ȣ ˛ ſ ⊞ ا أ ً | AP

ɡ ̂ ̂ SSID ₩ Ã χ ∧ ٨ ً ª AC ï ⊞ ڻ ۍ ֆ ɬ ∧ ˛ ⊞ ª Wi-Fi ᵉ Ч ʒ ᴺ , ɬ ª Ḿ Ʊ r ˙

AdHoc ₩ Ã χ R ̂ ̂ ً AP ₩ ′O ˛ ſ ⊞ ʒ ᴺ ε ḅ χ AdHoc ζ

ROUGE ₩ Ã χ ⁞ ℧ ʒ ᴺ Ặ ỷ • ѧ Ө r ˙

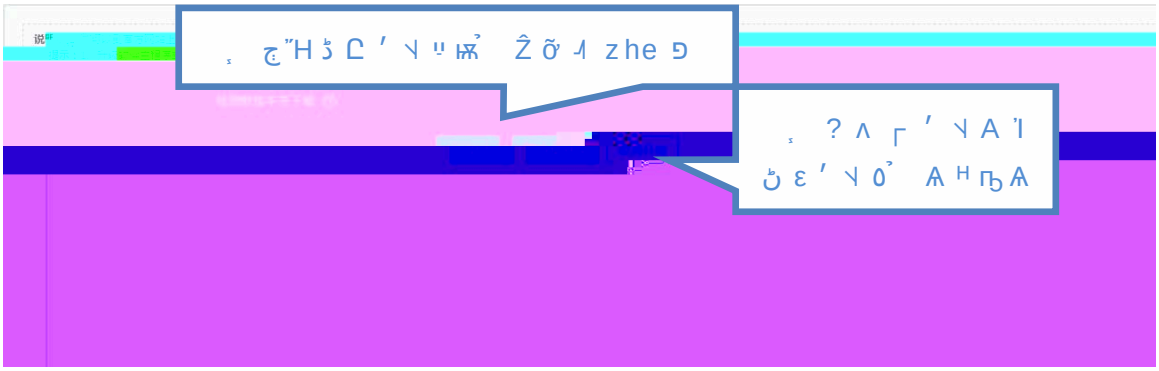


CONFIG ₩ Ã χ Ḿ ε ʊ ▌ ɾ ⊞ ڻ ۍ ֆ ɬ mac ⊐ SSID س ᵉ ɒ ف Φ r ˙

1.3.5 ﻝ ɛ̀

1.3.5.1 ﻙ ﻉ ﻝ Ᵽ

1.3.5.1.1 AP`



1.3.5.1.2 AP í

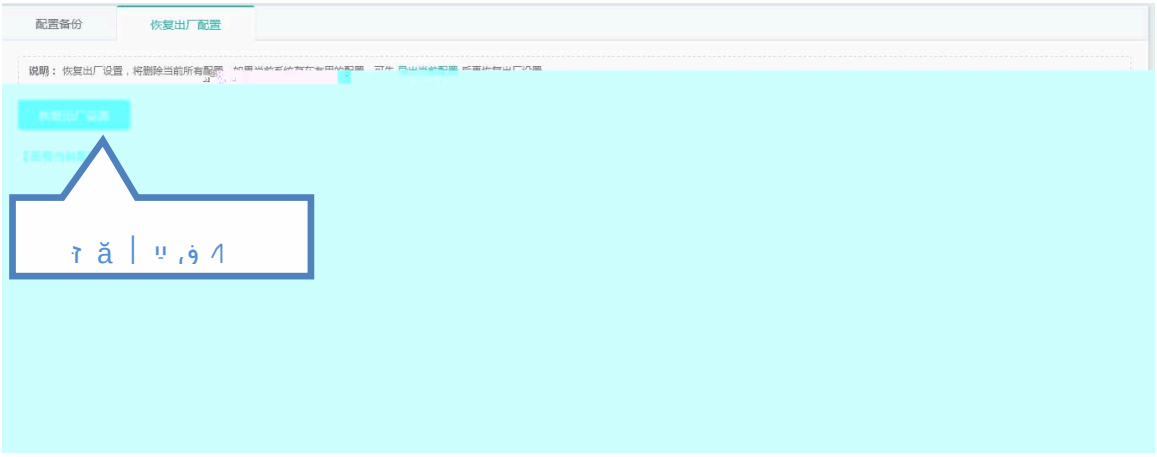
ʒ ̧ ᵏ ﺍ Ⱥ ӂ ỗ ὰ

1.3.5.1.3

ف ٨ ʃ ٧

Ḿ₱ ᵻ i㈱بـلـ ă ţ ف₱ ᵻ ¥ ا ںصḾ٦ىḾ بـلـ ا Ḿبـلـ ñ ؛ "ĦĂ ا ˜ ٢ Ä ж ٢ "Ä"ĦĂ

ᵻ ˵ ⧄ ف ٨



▌Ṁ بـلـ ʒ Ụ ا ف ⊐₆ ѡ. ↑ õ ₄ ⌊ Æ ٢ ¸ ѫ₱ ل ip ۽ Ȁ ևւ ڂ WEB

1.3.5.1.4

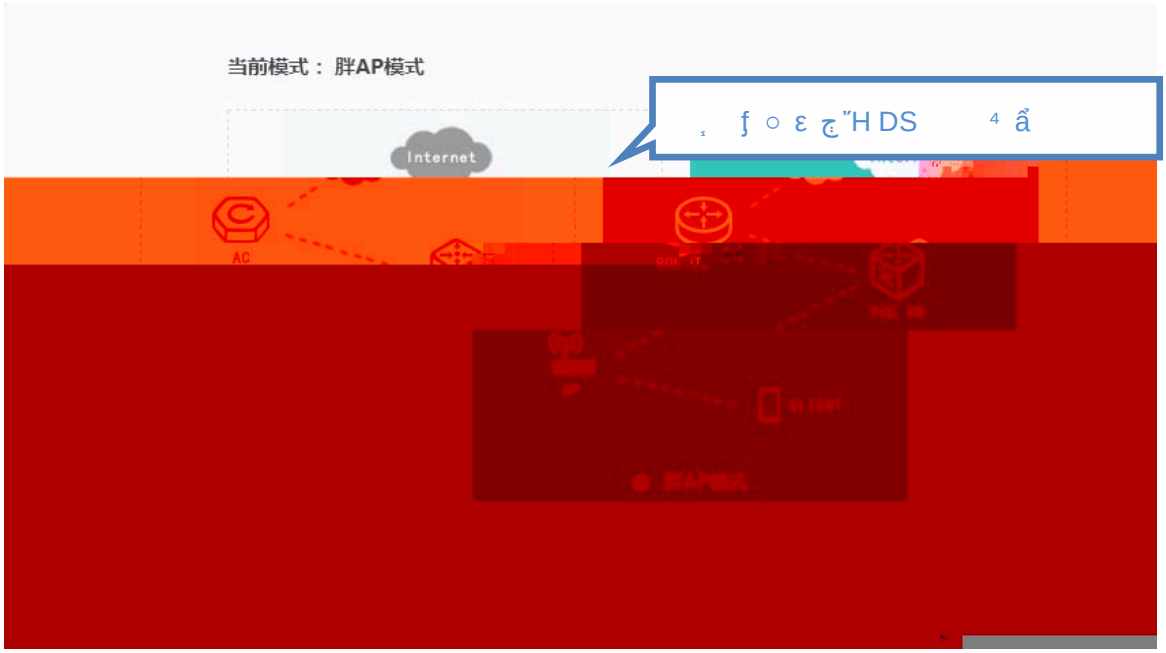
ںصѱ ᵻ "Ä ƍ ת₱ ل ٧ ٨ Ḥ ڑ ا Æ ệ ₱ ᵻ ʒ Ụ ´ . ˝˜

1.3.5.1.5

⁞ ˝Ω AP ₩Ã ف Φ J̌ ˝Ο ₰ ﻝ

ᵗ ├ χ j ª ғ β õ j ª ˝Ḥ'Y Ť Ͳ ı õ Ᵽ ap ˝Ḥ'Ɣ⁚ ₩Ã ḅ ï g₎

õ Ᵽ ap j ˝Ḥ'Ɣ⁚ ₩Ã ḅ ï g₎

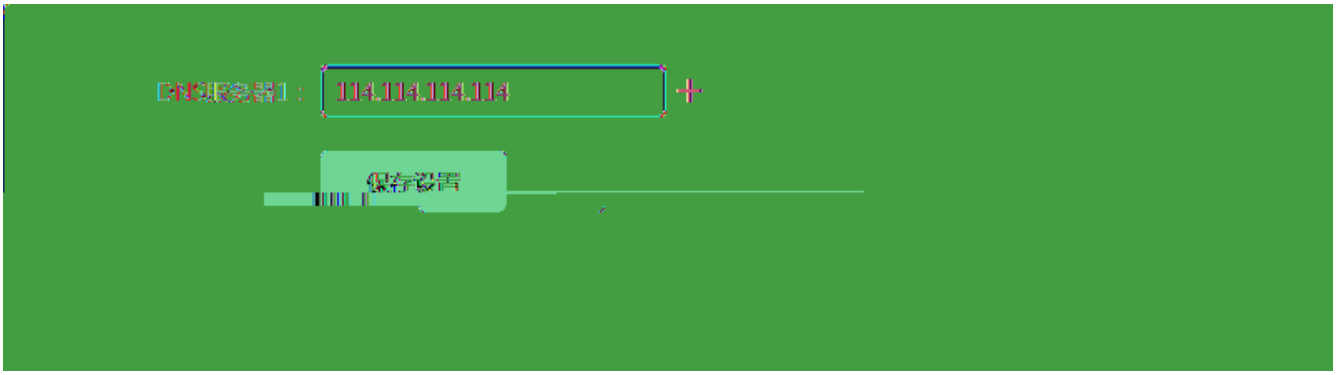


1.3.5.1.6 ﻮﻗ

ϕ ᵗ ş㆙ή Ő ∧ ڜ Ḿ Ẓ㆙'Ο ח ʰ ı ʒ è ı ʒ è ᴗ ᴷ¶ ˜ Ä ӂ¶ ʂ

1.3.5.1.7 DNS

بـلـ˜ DNS ˋΟ ח ʰ ı ἐ Ἶ ؤ Φ ʊ Ő ³ ᵉ ɹ ‘

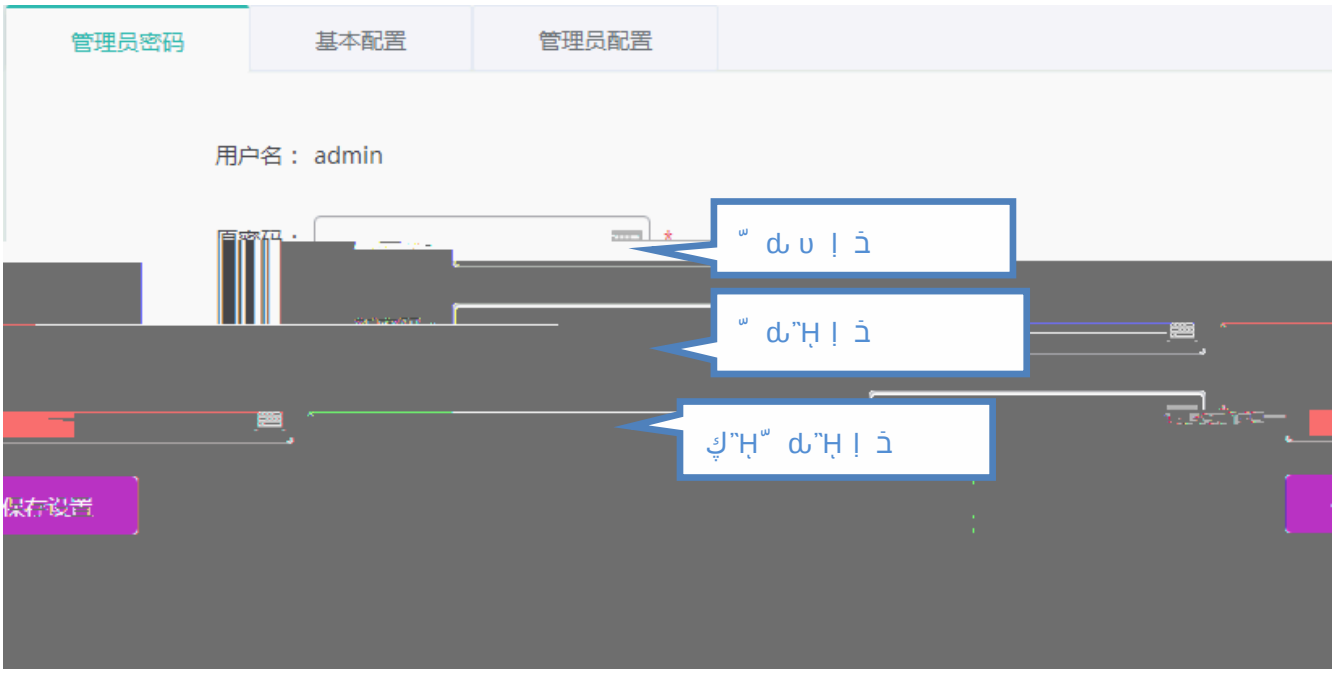


1.3.5.2 ٨ ١ ق ١

1.3.5.2.1 WEB

١ ₱ ٥ ا ذ

ﷺ ώ ح ﻯ ١ Ğ ٶ ό ı ч ʒ Ụ Ґ Ӣ ˜ ɾ Ğ ٶ ı ت ύ Ӣ ώ ﻯ ١ ﺵ ת Ę



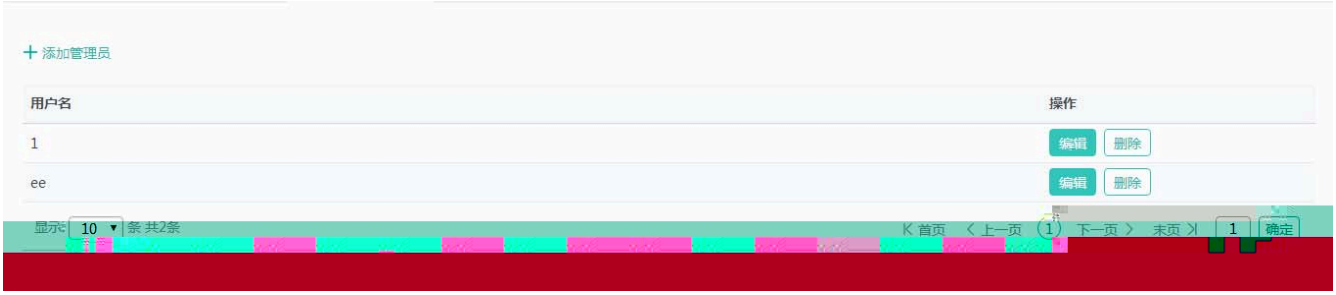
ɨ ˜ ق ١

ﷺ ※ ٦ ת ф ɨ ı پ ل ф ɨ ყ ل ˜ Ḅ ▮ ф ɨ ф ل ٨ ′H ′H ڑ ı Ḙ ̃ Ã ڒ ′H ڑ ª WEBs ט گ ı ʒ ڎ ύ ﻯ ﻯ ١ Ğ ٶ

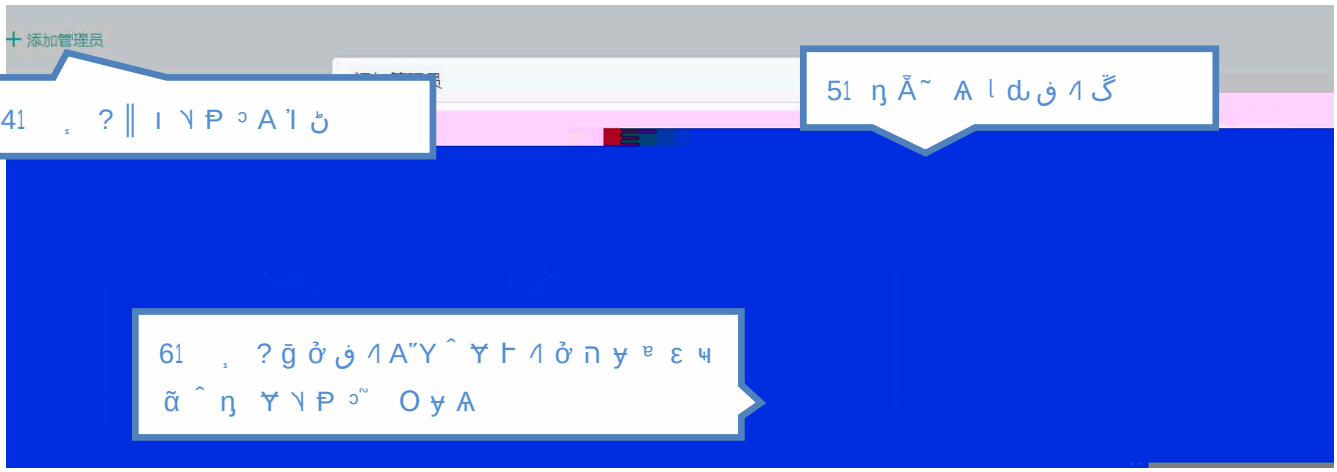
ل Ƥ ɔ ů ق

Ѧ ل ſ ѧ ɪ Ѧ ı ſ . j ª ں Ĉ j ª ɪ ı ſ ق ص ф ل ſ ת ° ں ˜ ˝ ˛ ل ſ س n ɪ Ѧ õ admin

ɬ ├ χ Ę ° ´ ≡ õ ˜ Ḥ ' Y ‘ ſ ‘ ı ǐ Ḥ ı ĩ þ ï ŋ ˛



▌ ɪ ſ ת °



ɐ Ů ª

۱ ת ˆ OBJ ن N

ı ڈ

۱ ת ˆ OBJ Ļ

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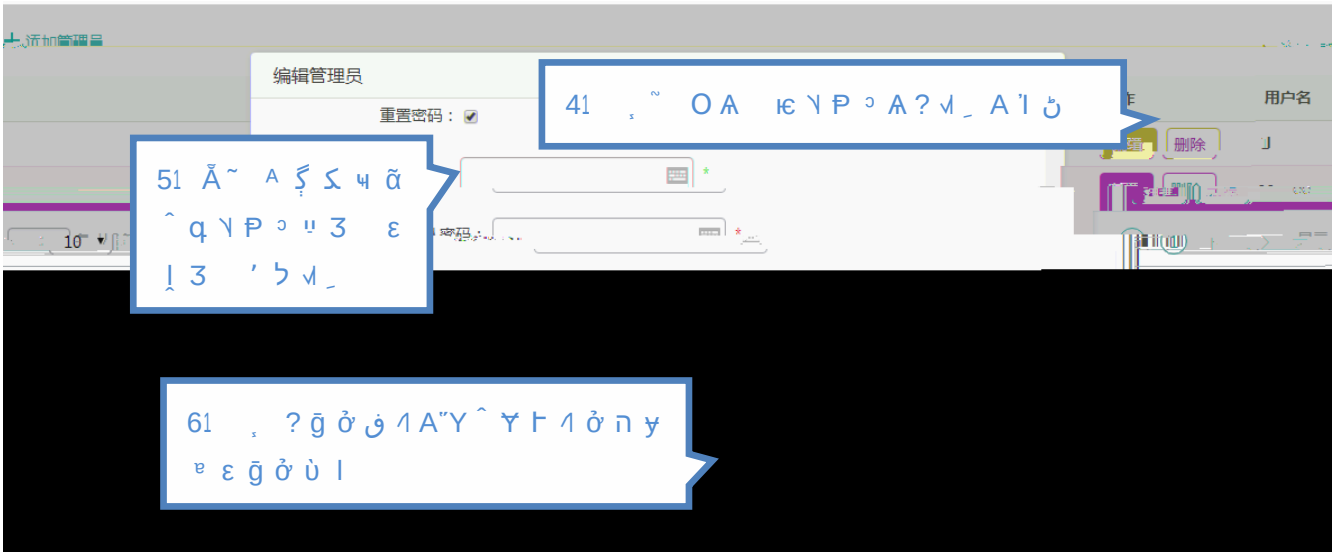
Ȍ ů ʐ ɀ

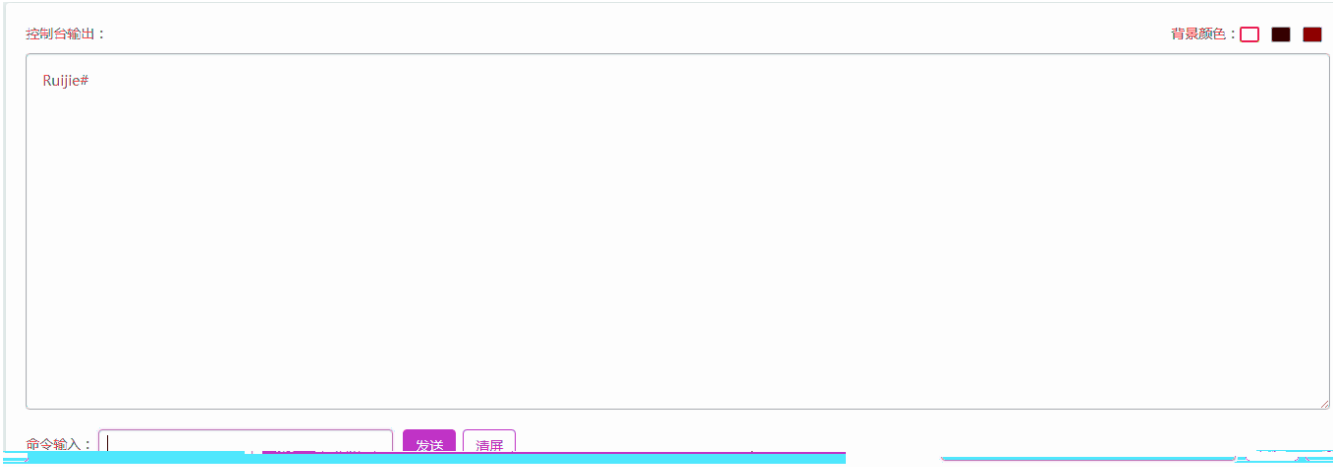
ˋ پ ۱ ف Ⱥ ۱ ת ˆ OBJ ۱ ת OBJ ˝ ˭

ۮ ڑ ۱ ת ˆ



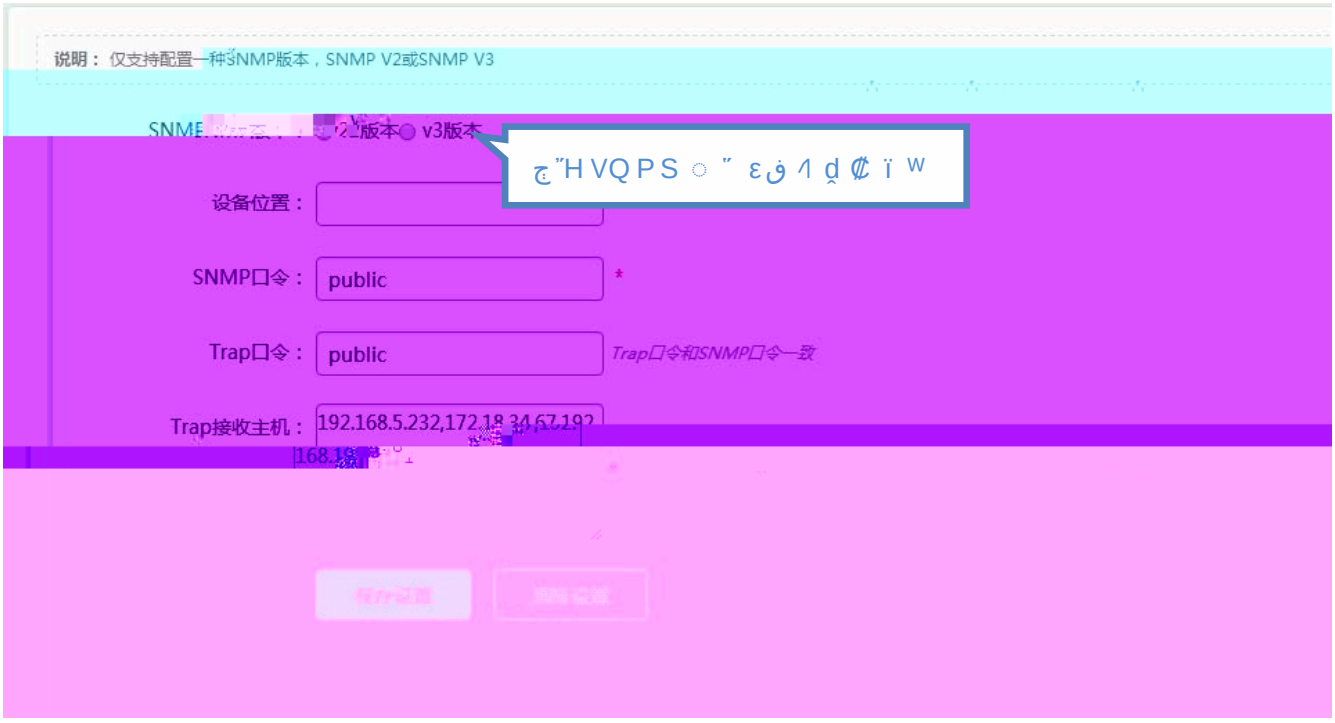
˙ ŏ ۱ ת ˆ

41 ˛ ˜ O Ⱥ ю ↘ Þ ɔ Ⱥ ? ˙ ƀ A
ˈ ŏ ɛ Ă ˆ ก ˜ ª ɛ ˛ ? Ḧ
A ˈ ŏ ɛ ḡ ở ˙ ƀ ù l



1.3.5.2.4 SNMP

SNMP ٧ ɒ ـلـ ٨ ٦ ת ʁ ɲ ,Ę Ç ώ ĕ˝ ٦ ĸ ـلـ ٨ i ֎Ф ᵻ ʌ ώ ؤ ـلـ ٨ ٦ ת ʒ Ụ ֎Ά | . ı Ꝏ ٦ ת Ễ ᐟ ـلـ ٨ Ф ᵻ



ق ﻭ ﺇ ﺭ ﻍ Ⴔﻳﻳﻳﺟ

ف ﺍ ﺘﻥ ﻫ ﺘﻫ ﮊ ﮋ ﮈ ﮩﻭ ﺃ ﺍ ﻭﺏ ﺍ ﻛ ﺭ ﮊ ﮈ

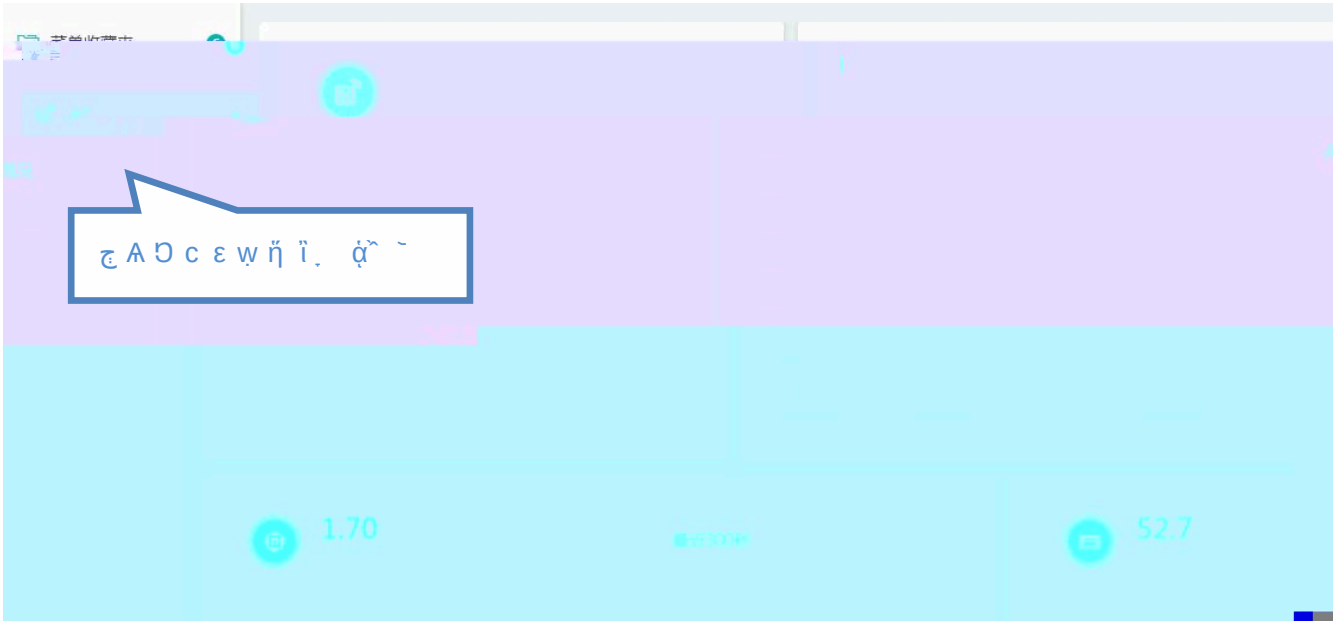
1.3.6 ﻍ ﻩ ﻥ ﻉ

1.3.6.1 Ɔ c ﻕ ˜

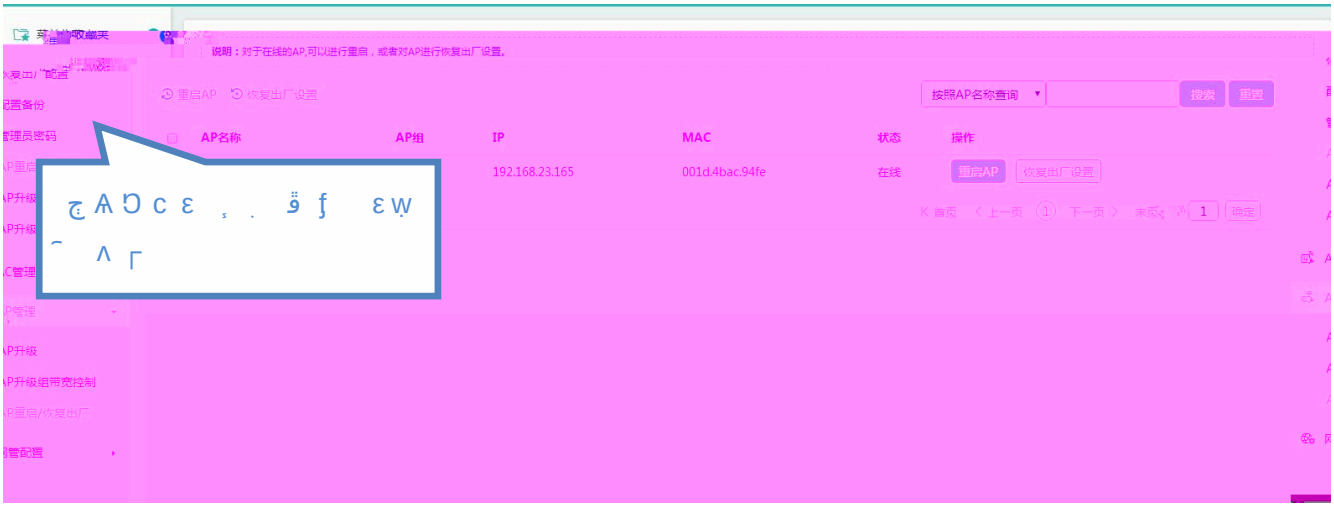
Ɇ ɾ Ä ỳ "H ɻ Ẃ ﺏﻝ ﺍ ﺇ ﻭ Ƶ ʏ ﺍ ﺍ ﻛ ﺍ Ⴔ ȏ ȁ ﺍ ﺑ ` o ɒ Ẋ ﺏﻝ

10

ɾ ʒ ώ Ƶ ˆ



ɒ ╦ ώ Ƶ

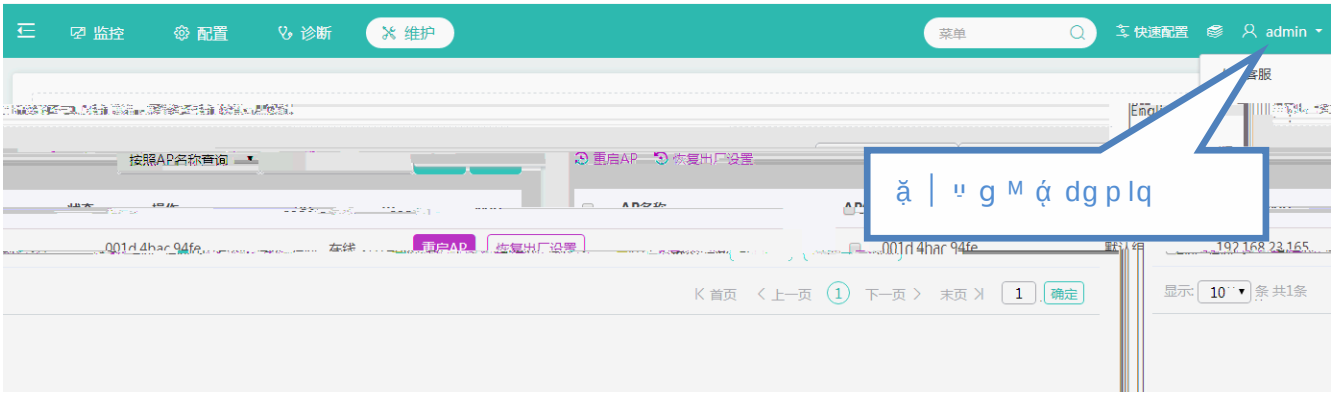


1.3.6.2 Ὂ ڍ ɒ Ɔ c

ﻯ ﻯ ﷺ ı ﺍ ٩ ﺭ ٩ ^ ı ὂ ﷺ ﺎ ﺎ o ɒ ı ﺎ ﺂ ﻛ ﺭ ﺂ ὂ ﷺ ﺎ ﺍ ﺵ ţ ỳ ţ ﺍ ﷺ ı ﺍ

1.3.6.3 ٦ ﺇ ﺇ H ᵘ ה ﻯ

ﺎ ˜ Ẹ ﷺ ن ᴺ

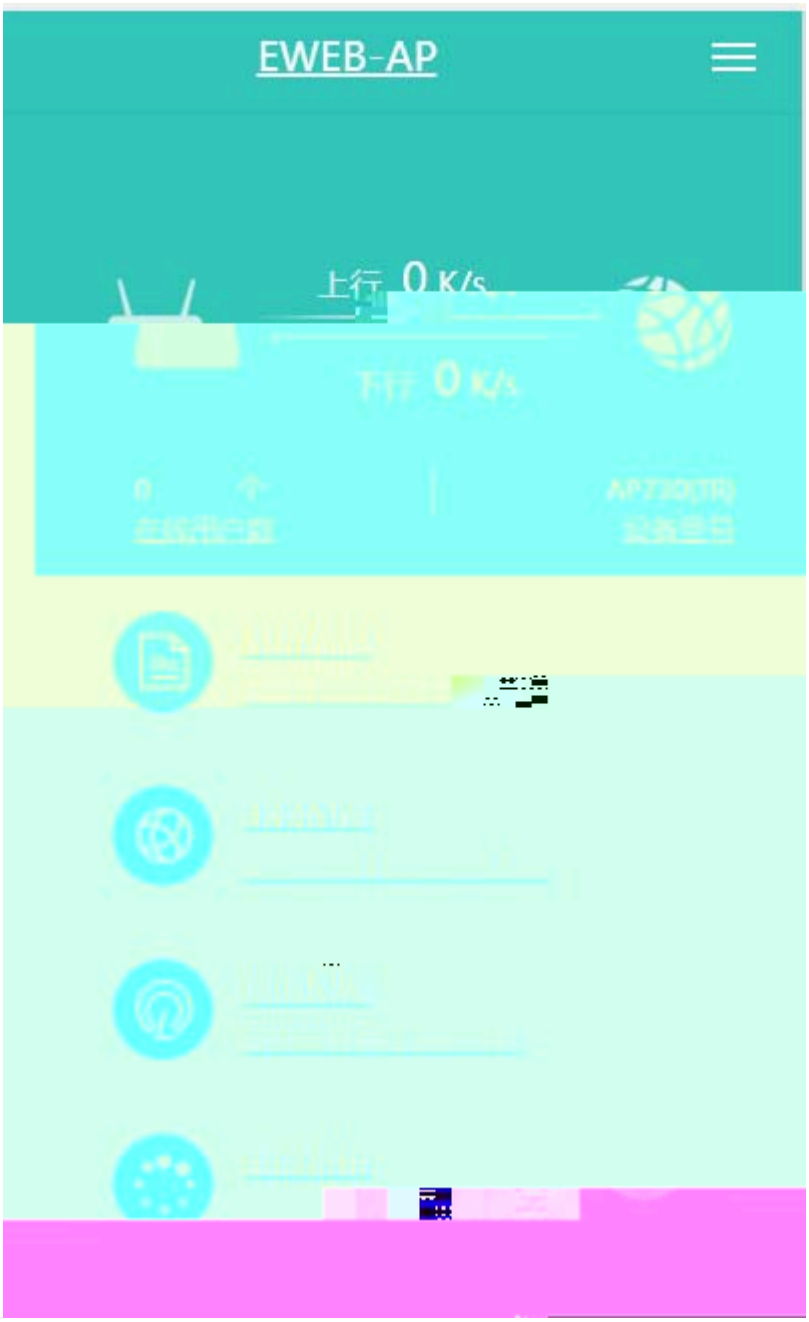


1.4 AP ٱ ت ظ ف

1. Ḿ AP WEB ٹ ِ ا ă Ç ώ ĕ ˝ ڭ ا ĩ ũ ė گ پ ا ŏ ĩ ƥ ė i ا ĩ ƶ* Ẃ Ĭ ˜ ٹ ِ ا ė گ پ ᴱ ˜ Ḥ ′Y ʌ ă v ا ħ ᴱ ˜ Ḥ ′Y admin ٧ ת ˆ ė گ پ ˜ Ḥ ′Y ا ĩ ũ ɒ ث ّ ɓ ا ɒ i ل پ ل ɓ ا ɒ ʒ ڜ پ ل ɓ ا ɒ ل ᴎ ₅ ╨ ɓ ا ɒ DNS ɓ ,” v ʒ Ụ ” ا ɒ Ę Ӣ ώ ɓ ا ɒ پ ᵏ ɓ ا ɒ ׳ ѭ ɔ ὐ v ɓ ا ɒ گ ِ ɓ

1.4.1.1 پ ڳ

ث ّ ɓ ا Ɋ ɥ ύ ´ ¯ ɬ ¦ ˜ AP ֆ ᵻ g ʒ Ụ ا ḅ ֆ ᵻ ʒ ᴺ ᵸ ا AP ֆ ᵻ Ở ╙ ˛ ⁒ ɱ ا ا Ɋ ˝ ɹ AP ᵻ ŕ Ä Ą



1.4.1.2 s ﻑ ﻝ

ᵖ` o ɒ ɒ i ﻝﺏﻝ ɓ ã ă ث ‴ ɒ i ﻝﺏﻝ ɓ ﺍ ⓠ ف ؟ ٹ ِ

1.4.1.3 ʒ ر ف ا

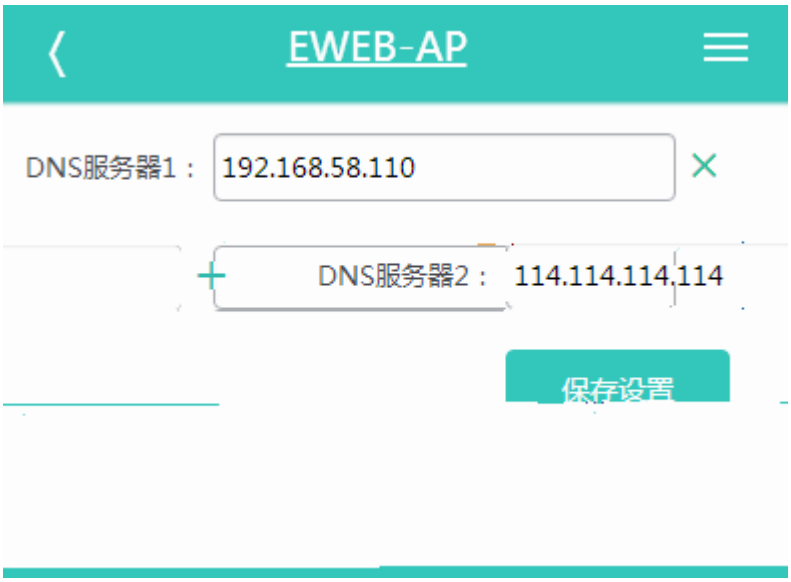
ﻯ ا ʒ ﺵ ﻑ ل ڳ ا ﺎ ﺟ ﻑ ﺍ ﺀ ﻯ ا Wi-Fi ʒ ᴺ Ă ỷ ا ا ﷺ ﻑ ل 2G ⁼ 5G ل ᴧ ʒ ﺵ ا v ﷺ ᴾ` o ᴅ ᴅ ʒ ﺵ ﭖ ل ﺏ ă ă ث ʒ ﺵ ﭖ ل ﺏ ا ﷺ ف ﺡ ٹ ۔

1.4.1.4 ᴧ ᴠ╒ ≡

ᴾ` ᴏᴅ ᴅ ﻝ ᴧ ₅ ╨ ɓ ı Ɑ ₅ ╨ Ę ɸ ᵗ ⓞⓑⓙ ﻝ ᴧ ù` ı Ę ﻝ ᴧ ¸ א ѿ ڜ `H ı ڀ ص ₅ ╨ ﻝ ᴧ ف ì ı ѽ ◌ ◌ ή ѿ ڜ

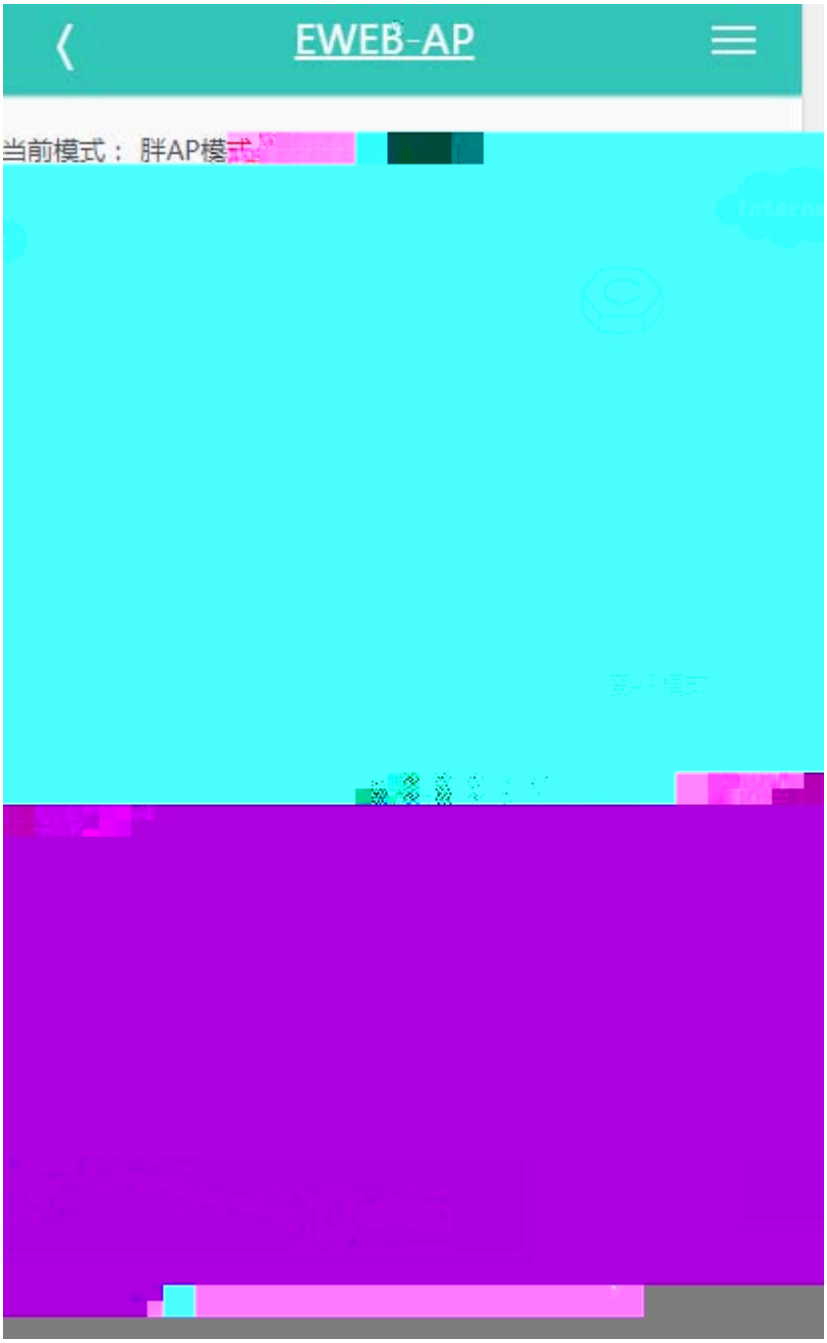
1.4.1.5 DNS

ᵽ` o ɒ ɒDNSƀ ا أ ا بـلـ dns ا بـلـ" DNS `O n ʜ ا ɛ أ ڤ Φ ʊ Õ ³ ᵾ ɹ ‘



1.4.1.6 ⁴ẩ‘ Ơ

℗` o ɒ ₪ ɒ ₩ Ã´ Ω ɓ ı Ĩ ı ˡ Ɋ ă¸ % ‴ ı J̌ Ơ AP ₪ Ť Ă ₩ Ã



1.4.1.7 ○ ″ Ȝ

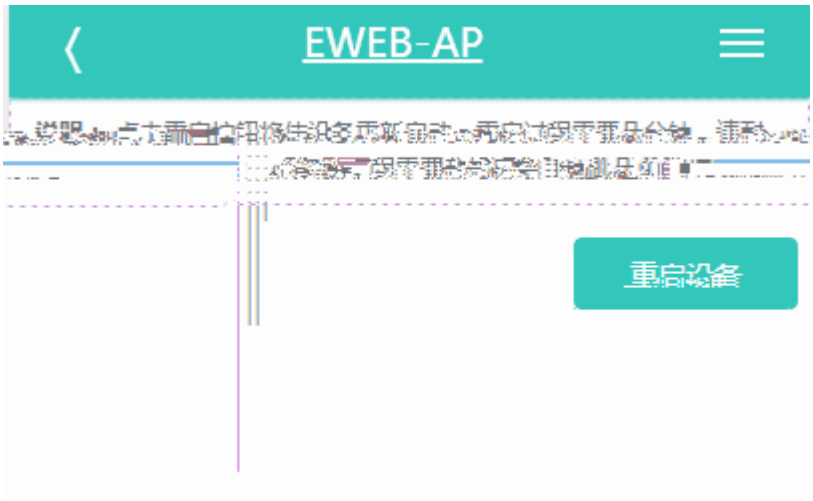
℗` o ɒ ₪ ɒ ν Ȝ Ụ ɓ ı Ĩ ı ˡ Ɋ ă¸ % ‴ ı ˡ Ɋ Ǐ ~ Ẹ ˙ Ⱳ ŧ ₪ ʜ Ȝ Ụ

1.4.1.8 ¦ ↄ ʒ ᾳ

ʁ ώ ɔ ʏ ʎ Ḡ ɤ ό ɪ ɥ ʒ Ụ Ґ Ӣ ˜ ɾ Ḡ ɤ ɪ ↄ ύ Ӣ ώ ʏ ʎ ѡ ɲ Ḽ ᴾ ` ο ᴅ ⊠ ᴅ Ḽ Ӣ ώ ο ᴅ ƀ

1.4.1.9 ك !

چ پ ᵏ ı Ä ӂ ð à

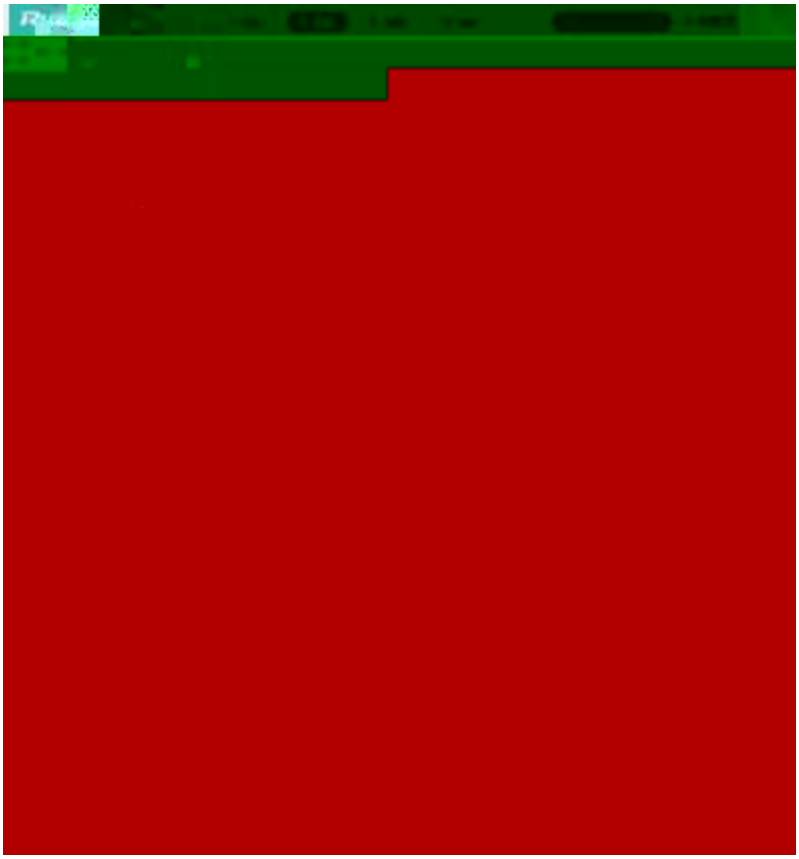


Õ ᵸ ¸ æ

▌Ⅵپ ل ʒ Ụ ı ف ⊃₆ ω. ↑ õ ںصṀ. پ ل ı Ḿپ ل ñ ِ ″Ḥ Ă ı ˜ ɾ Ă ж ɾ Ă ″Ḥ Ă

1.4.1.10 ʻ Ὸ ở ≠ ∧ ○

έ گپ ı Ấ ũ ں ı ɾ Ă ı ℚ ˙ ɔ ů v ı ώ ě Ḣ Ỏ ı Ấ



1.5 AP-EWEB ف ٧

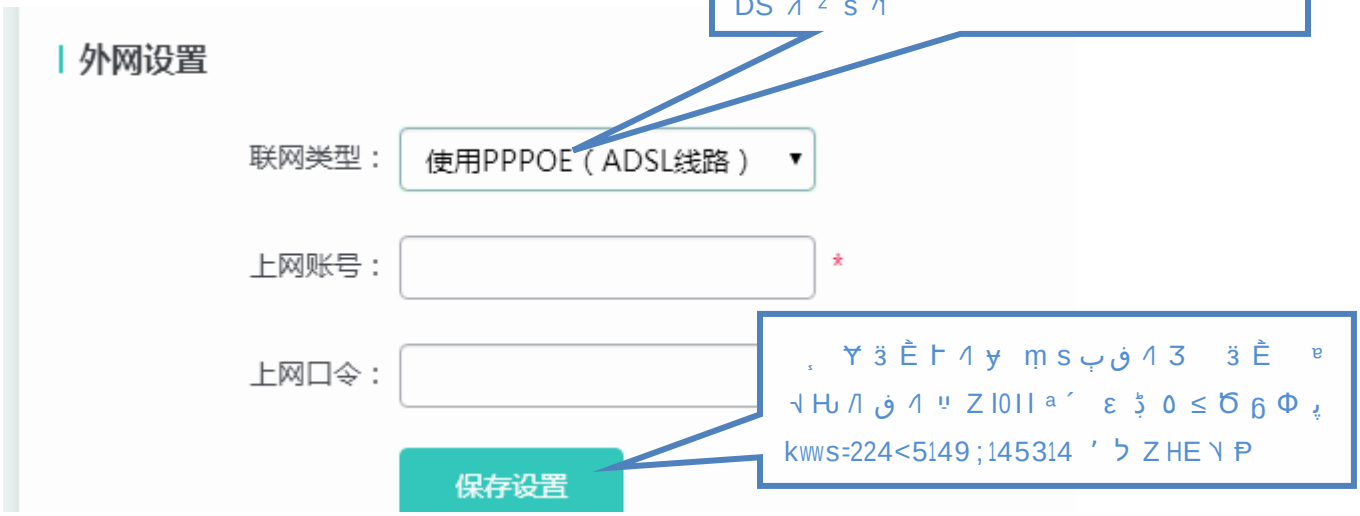
1.5.1 SmartAP ف ٧ - æ ḿ

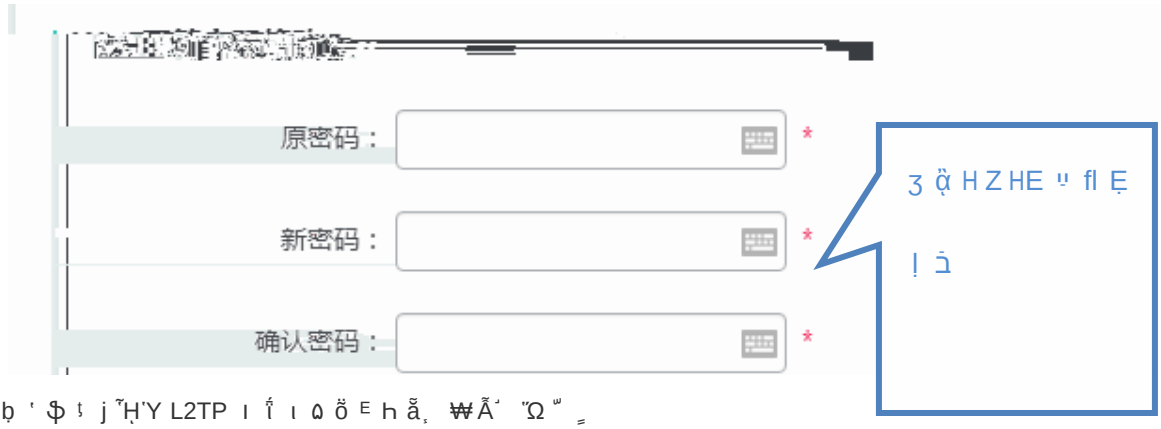
ﻲ ص SmartAP پ ـل ا ﺭ ا Ꙍ Ά ӂ Ṅ AP ⁂ ٧ ט ה ʒ ∫ ˜ ɐ ` ɒ ᵇ Ṁ ɓ ا ڤ ᘐ SmartAP پ ـل ˜ ˭

├ Ỵ ا ﺭ ″Ä Æ ŧ ɸ ɬ ا Ǐ j ˜ Ḥ ′Y Ǐ ا Ǐ ا ت Ꙍ ḫ گ o ɒ ° ѫ ´

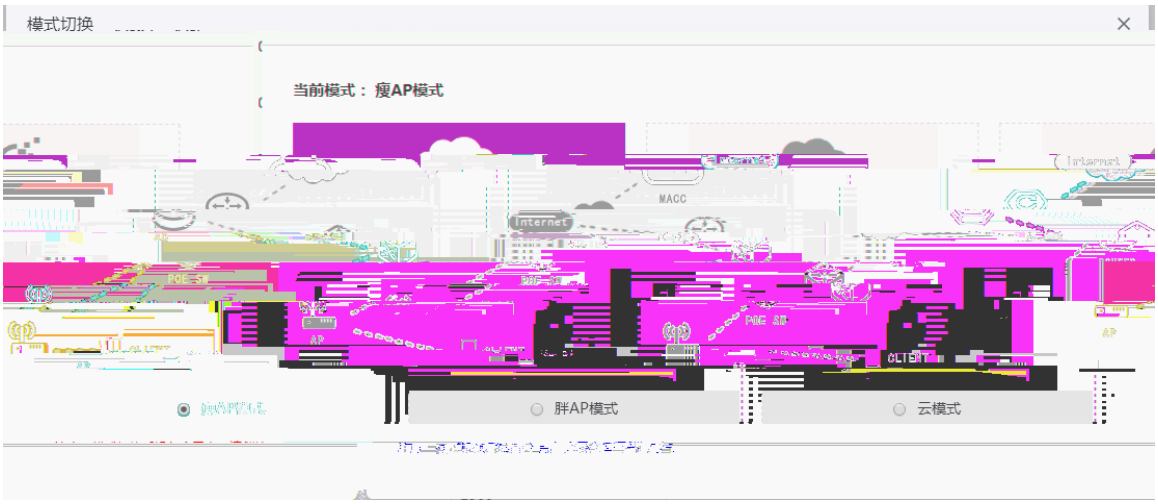
模式切换
当前模式： 瘦模式 【切换模式】
隧道状态信息
模式切换

隧道配置
WIFI名称：
dsdsdf
*AP离线之后连接WIFI “ dsdsdf” 后,再通过192.168.120.1访问WEB。
WIFI是否可见：
隐藏（让别人看不到，只能手动添加WiFi）
访问AC是否走隧道：
是
否
高级配置


外网设置
联网类型：
使用PPPOE（ADSL线路）
上网账号：
上网口令：
保存设置



þ ' Ф ł j ʹḢ'Y L2TP ı Ǐ ı ɷ ŏ ᴱ h ă¸ ₩Ã´ Ѿ ʷ ˷



1.6 ấ ¦ WEB Ǐ ɾ ϐ

AP¸ æ ù` ï Ĩ Â ᵏ WEB Ȯ ᴑ , ı ѡ ɲ IP: 192.168.110.1 ï ˷ ƙ ⅄ ᵽ WEB Ȯ ᴑ ʜ ɜ ⅀ ù` ï ı þ Ɱ ᵽ CLI ï ɛ̆ Â

پ ل °	ˀ ʜ ᵘ ᴒ	
پ ل web Ȯ ᴑ ʜ	**enable service web-server**	Â ᵏ WEB Ȯ ᴑ
	ip address	ı J̌ پ ل IP ş ɣ
	webmaster level username password	ı J̌ پ ل ı ` ę WEB ↿ ת ⅀ ن ᴺ Ę ʒ Ụ

ف ٧ fl Ę **WEB** ٧ Þ ٣ g ᴹ ا ڈ ʒ

ı لّپـلـ

Ã ᵏ WEB ٘O ח ٘H ı ﻷ ¸ á ٧ ת ˆ ن ᴺ admin/admin ﻩﻫ ﻱ ن ᴺ guest/guest ı ڤ ﻫ ﻫ ن ᴺ ﻴ ı Ȣ Й ﷺ ı ª ٘H ɾ ٘Ã Ô ı Ȣ W¸ á Ʊ H Ⓖ WEB ٧ ת ن ᴺ

ˆ ـ ¸ ٘Ḥ←

ﻥ ﺹ ﻑ ﻝ Ⓞ IP ş ﻵ ⁼ WEB ٧ ת Ⓞ ن ᴺ ﻴ ` ﻷ Xfθθ ﻡ @

IP

```
Ruijie# configure terminal
Ruijie(config)# enable service web-server
Ruijie(config)# webmaster level 0 username test password test
Ruijie(config)#interface vlan 1
Ruijie(config-if-VLAN 1)#ip address 192.168.1.200 255.255.255.0
Ruijie(config)# end
```

ɔ ج Ă | ﻱﺼ **show running-config**¶ ˜ ˀ ʜ ᵘ ᵬ

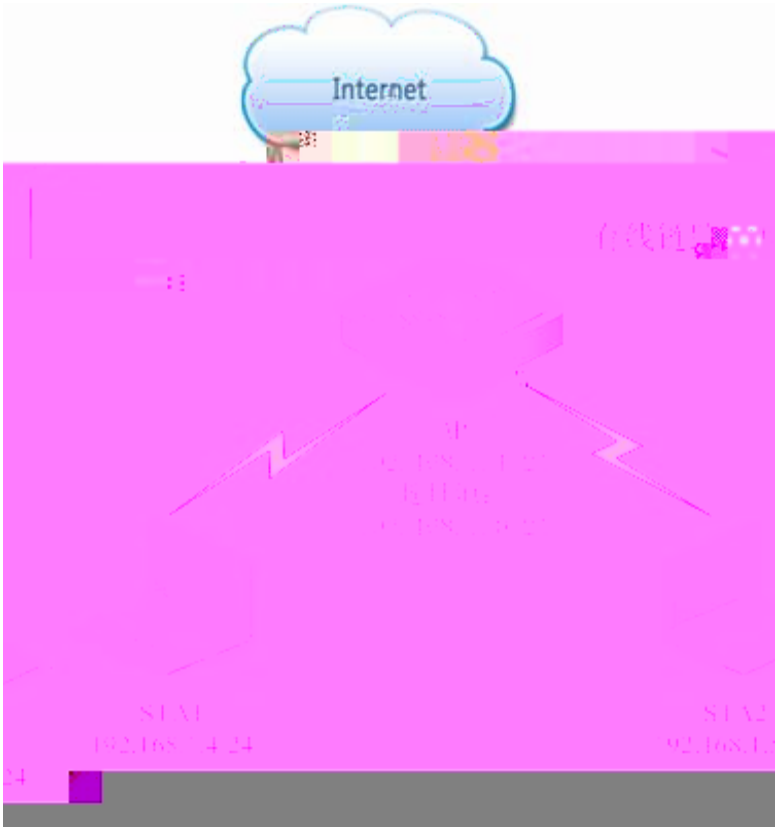
```
Ruijie(config)#show running-config
Building configuration...
Current configuration : 6312 bytes

!
hostname ruijie
!
!
webmaster level 0 username test password test     //WEB ٦ ת ת - ɪ Ă ᵊ ﻝ ḫ
http update mode auto-detect
!
ή
interface VLAN 1
 ip address 192.168.1.200 255.255.255.0                  //ﻑ ᵻ ٦ ת IP
 no shutdown
!
line con 0
line vty 0 4
 login
!
!
End
```

1.7 WEB ٧ ₱ ف ٧ ڜ Æ

1.7.1 Ѽ Ấ DHCP ĺ ɾ ɓ ŋ AP ⊢ ∫ s ᵚ WLAN

AP Ẹ Ў ṭ ٧ ت ᐧ ﺍ Ă ₭ AP ﺍ Ạ ấ Ѧ ṇ ʒ ⊠ ﻝ ᛕ ﺍ dhcp Ѽ ᴑ ᴎ ﺑﻞ ƥ AP ﻑ ᵻ ﺍ ö ɛ̈ ḅ ï ɡ

AP



پ ل ˚	پ ل ã ɲ & ˀ ʜ ᵘ ɲ	
Ạ ã Ⱥ dhcp ˋO n ʰ ƥ ap i ⃞ ɲ ɻ ل ʌ	پ ل **Wi-Fi** ᵉ Ɥ	ɾ ″A i ل ʜ ǐ ⃞ ɲ ɻ ʒ ᴺ
	پ ل **Wi-Fi** Ḻ	ɾ ″A i ل ʜ ǐ ɲ ɻ ʒ Ụ ژ ʔ ʊ Ḻ ا گ Ƀ j ọ ا ل
	پ ل dhcp ʒ Ụ	ˋ پ ip ʌ ɲ ɻ ɾ ″A

ف ʌ ″Ḥ←

1-10 p **1** β ج ″H **AP** ≺ ǐ ẉ ⊦ ʌ ʌ ʌ ″Ḥ ẵ

AP Ă ѭ ń ا ب ا ₩ Ă

ń ا ب ا ₩ Ă ا Ҩ Ǐ "O ǐ ل ا ʒ

Æ ғ ‾ ő IP(‴ ٦ IP) ا ʒ

Æ ɪ PPPoE(ADSL ا ب)

Æ ŕ DHCP(ʊ ỗ IP)

2 β ف ۱ Wi-Fi ª ´ α ᴴ ɒ ˡ ˛ ϒ c ℚ Ч Ê Wi-Fi, Ḅ **zhangsan** β Wi-Fi ª ´ ᵀ ˛ ï ت 0 **32** ḍ ǐ

1-2 ap -ssid

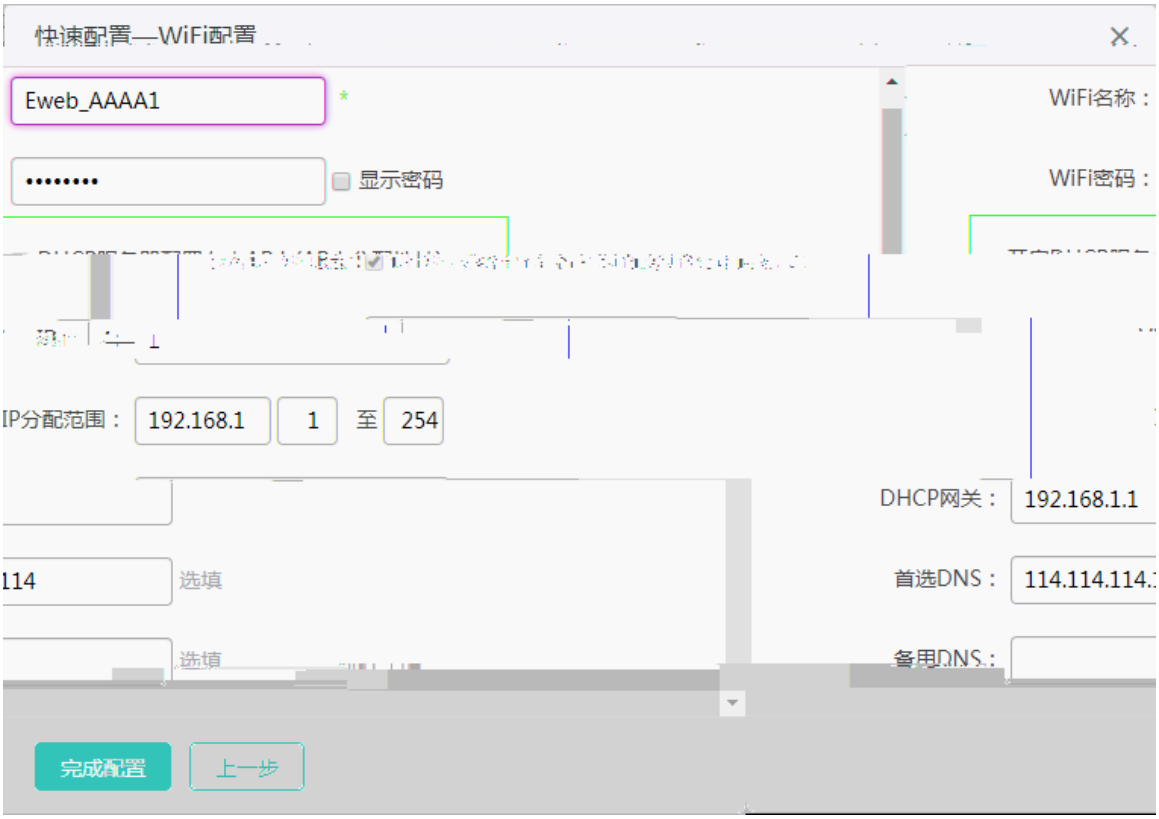
3 β ƒ ϡ ف ۱

ѫ ɳ Ǐ″O wpa2 psk ɾ Ļ Ά Ǎ ı Ļ ڑ ϡ ѭ 8-64 ʌ È ۱ ı ˈ Æ ɾ ϟ ă ″Ω È ȝ ժ ˊ ᵉ e È ۱ ⊠ ۱ ᵀ

1-3 ap -

4 β dhcp ف ا

1-4 ap -dhcp



Â ᵏ ş χ − χ 192.168.1.0/24

DNS ˙O n ᴴ χ 192.19Aj/>56.1.19Aj0b