Web

RSR10-X

RGOS 10.4(3b94)p1

V1.1

RGOS 10.4(3b94)p1

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-
-

- http://www.ruijie.com.cn/
- http://webchat.ruijie.com.cn
- http://www.ruijie.com.cn/service.aspx
- 7 × 24 4008-111-000
- http://bbs.ruijie.com.cn/portal.php
- service@ruijie.com.cn

1)

[ ] [ ]

{ x | y | ... }

[x | y | ...]

//

2)

3)

■

■

■

1 Web

1.1

☑ ´ ` Ì ă ⁶ ĸ گ ⁓ UVU430[03: ت ⁺ ʜ

1.1.1

Zhe ↿ т ڻ ص Æ ŧ ╞ ɳ ʜ ҍ ʟH Iluhir{ Fkurph ↿ ↿ т ɻ ʎ ɸ ᵻ ı ҍ ت ⁺ ʜ ă ŕ ̈ Ω ǯ ļ ⁓ ↿ p ɸ ᵻ ڀ ɻ ı ώ ″ ŧ ß ˜ ŧ ό

Zhe ↿ т γ ὺ Zhe ̀ Oɲ ʜ ⁼ Zhe ¡ ̈ A ↿ ђ ủ ̀ Zhe ̀ Oɲ ʜ ؏ ă ҏ ɸ ᵻ i ı ŧ ↾ ì ώ ⁼ ∫ т ¡ ̈ A ↿ ʌ ↾ ؋ ت ∂ ı Ẋ ̈ H ∫ т ɹ ' ف ŧ ʎ ¡ ̈ A ↿ ı Zhe ¡ ̈ A ↿ ڻ Ẃ ″ Y ɻ ‴ ╞ ɳ ʜ ı ҍ ʟH Iluhir{ Fkurph ↿

1.1.2

Web

Zhe ̀ Oɲ ʜ ĩ ″ Y ↿ ჳ ɒ ҏ ɸ ᵻ i ؋ ↿ ẑ Ẹ Zhe ╞ ɳ ʜ ε ¡ ̈ A ↿ ζ ف ̇ ̀ Oɲ ʜ i Ẋ ت ∂ ă ţ ̀ H ı ̀ Oɲ ʜ Ṅ ∫ т Ì ت ∂ Ẋ Ṅ ă ţ ʌ ڜ Ì ╞ ɳ ʜ i ı ڜ V ؋ ʒ Ụ h ᵓ ٪ ╞ ɳ ʜ ҍ M ‼ ~ Ì ă ţ ε o ă ţ ↿ ʒ ζ ̀ Oɲ ʜ Æ ŧ KWWSε ʌ ă ҽ ڑ в ɒ ζ ă KWWSV ε WOV413 ı ŧ ̲ в ɒ ζ ف Φ ʒ Ụ ŕ ╙

Web

Zhe ¡ ̈ A ↿ ĩ ↿ ĺ ц ŧ ̈ Aљ Zhe ̀ Oɲ ʜ Й ט ؋ ↿ ڍ ţ ı Ę ̈ Oõ ɹ ̧ Zhe ̀ Oɲ ʜ ă ţ ı Ẋ ᵒ א ă ţ ɲ ķ ؋ ĺ ד Zhe ¡ ̈ A ↿ ڻ Ẃ ″ Y ɻ ‴ ╞ ɳ ʜ ı ѧ Ķ ɔ ů i Ẃ ð ؋ ɻ ‴ ╞ ɳ ʜ γ ὺ ĩ ڍ ʟH ♀ Iluhir{ ط ₵ Fkurph ⁼ ' Vdidul ↿

1.2

1.2.1

- ɑ ڀ ɻ ɸ ᵻ ɹ ɭ ᵏ ט Zhe ̀ Oɲ
- ɑ ڀ ɻ ɸ ᵻ ɹ ɭ ڀ ɻ Zhe ↿ т ` ҽ ŧ ̈ A ɲ - ʒ Ụ
- ɑ ڀ ɻ ɸ ᵻ ɹ ɭ ڀ ɻ ↿ т ʟS ş ҳ

- Zhe ﾉ ｱÆｷ Zhe ╞ｵ ﾊ` ｅ` ゆ ﾅ ｉ ｿ Zhe ｱ ﾄ ｻ Ḿゆ ﾅ ふΦ ｱ ﾄ
- ╞ｵ ﾊ χ ̃Ḥ'Y ｉ ｧ LH ♀ Iluhir{ ﾑ₵ Fkurph ｰ ' Vdidul Ⓠ ｚ ゆ ̂ ｇ ̂ ̂ LH ﾉ ｱ /╞ｵ ﾊ+ｂ ▫ Pd{wrq, Æ ｷ ℧ Ę ╞ｵ ﾊ` ｅ Zhe ｱ ﾄ`H ｉ ' ﾅ ｉ ｎ ｡ א ç ã† Ã ｺ ｦ ｳ ｱ â Ẃ
- ` ﾘ ' χ ` ﾘ ' ﾊ ﾉ ｯ ｜ ⁝ Ω SF Ǐ ~ ﾊ ｚ ｎ ｡ ｈ ｉ ″ ｿ Ǐ ~ ﾊ ấ ｐ ` ﾘ ' ﾊ ﾉ ﾑ 45;3-4357 ｉ ă Ķ Ŗ Ǐ ~ ﾊ ấ ｐ ` ﾘ ' ﾊ ﾉ ă 4773-<33 ｉ %` ﾘ ' ╞ｵ Zhe ｗ ' ｗ ä ｉ ℧ Ę ﾘ ' ｜ ﾅ ｈ ｡ א ″ ｡ j Ḿ ｭ j ｚ ` Ц ｳ ｦ ｺ ｦ

1.2.2

ﾉ ù` ï /ｺ ｰ ｚ Zhe `Oｎ ｉ ﾅ ǐ Ã ｋ ↑ ｏ ｉ ﾊ ｽ ｱ ｔ lS ﾑ 4<5149;1414 ｉ Ḍ ﾉ ｏ ﾑ 588158815881 3 ｉ Zhe ｱ ﾄ ｎ Ä ﾑ χ dgplq ｉ Ę ﾑ χ dgplq ï ă Ṅ Ⓠ ｓ ｎ ﾍ ﾉ ｋ ﾒ ﾉ ﾒ ﾊ ﾉ ｕ ｙ ℓ ｾ ε Ⓠ Zlqgrzv [S ﾑ æ ζ χ

Web

ｉ ǐ ｪ ｏ	ﾉ Θ
Zhe `Oｎ ｚ ↑ ｏ	Ã ｋ
Zhe ｱ ﾄ ｉ Æ	ｉ ｳ ｙ Ｙ ｕ Ґ ̈Ω Æ ｚ ｜ / ｱ ﾄ lS χ 4<5149;1414
Zhe ｱ ﾄ ｎ Ä	ｷ Ä ｂ χ dgplq Ę χ dgplq

UVU430[Ґ ̈Ω Æ ﾑ χ V0rw423 ¢ V0rw426›

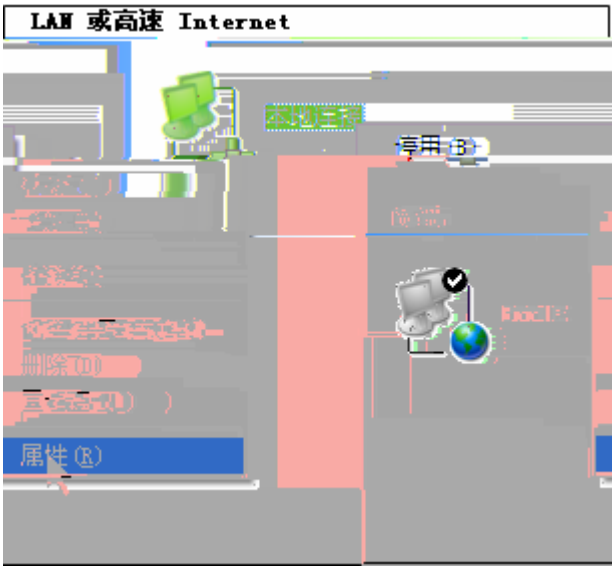
ò □ ｷ Ä Ṅ ﾉ ｲ ｉ ｳ V0rw423 ｉ ă ｶ ﾑ ≛ ｚ ｱ ﾄ Æ ｕ Ş Ä Ṅ ｚ Ⓠ V0rw423 Ă ﾑ ｱ ﾄ Æ ふ Φ ゐ ك

ℓ ｾ χ. ｎ ｉ ̈A ｲ SF ｰ ｺ ｰ ｚ Ţ ｉ ↄ ｉ Æ ｷ ﾉ ｲ Ṅ ｉ ̈A ｲ SF ﾉ ｊ ћ ｺ ｰ ｚ V0rw423 ف ｉ ｉ ｙ ف ｉ ă ｉ ｉ ｡ ゆ ｽ ｱ ｔ ｉ Æ ｕ ↑ ｏ ″ Y ˜ ♂ h Ⓠ ｄ ˝ ǎ ﾒ ˝ ℘ Ȝ ｉ ｙ ″ Y ˜ ♂ ≡ ｏ ℘ Ȝ ｉ ｡ ｜ ǐ ǐ ﾉ ｲ ǎ ｉ ̈A ｲ SF ﾉ ｊ ｡ ﾑ ゆ ｋ

ℓ ｾ ^ χ ゆ ﾉ ｉ ̈A ｲ SF ｕ lS ş χ ｉ ̈Ḥ Ă ℓ ｾ ｂ ï χ

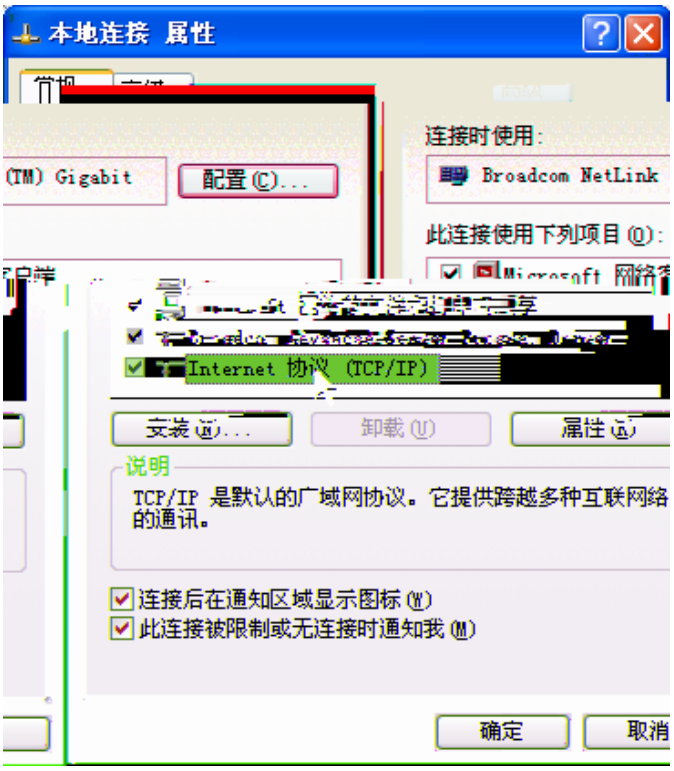
Ṅ ش ‰ ﾚ ｶ SF ｕ ｔ ï ｕ ℘ ` ｐ Ã Ḍ ｂ 0A ｐ í ` ｡ — ｂ 0A ｐ ﾉ ﾒ ｝ lqwhuqhw ف ｉ ｂ 0A% ﾉ ﾒ ف ｉ ｂ ｉ ｂ g, χ

g, 404



ش‰└ ج D` ƀ ş ق ì ƀ ı ƥ ă¸ ￼i ï ă o D ʌ D` ƀ Ɍ ớ ƀ o D ı J̌ ʌ ƀ lqwhuqhw в p ε WFS2LS ζ ƀ ı þ g, χ

g, 405



D` ɒ Ɍ ớ ƀ ˜Y ج ı Ф ㄴ į ¨A ㄱ SF￼LS ş χ

ƥ ɒ lqwhuqhw в p ε WFS2LS ζ Ɍ ớ ƀ Ḿ ʕ↑ ʌ ᵖ J̌ ɒ Æ ɾ ï ¸￼LS ş χ ƀ ƥ ɒ LS ş χ ƀ ʌ ˦ Ɔ4<5149;141{{{ ε {{{￼ þ

ʁ5 Ḱ 587 ζ ɪɒ Ɗ ㄴ ǫ ƀ ʌ ˦ Ɔ588158815881 3 ɒ ѡ n ㄴ ʜ ƀ ʌ ˦ Ɔ4<5149;1414 ε o ت ˈ ʰ ѡ n￼LS ş χ ζ þ g, χ

g, 406

ﮩ ت ۱ ח ▯س ת LS ş χ ﻫ 4<5149;1414 ı ۱ % į ¨A ٦ SF ▯LS ş χ ω ª ﻍ j ſ ﻫ 4/ ɒ` ɒ. ħ ɓ Ḣ ă ﺑ ﻟ

ℓ ح s χ ⅄ : į ¨A ٦ SF ⊐ ت ۱ ח Ĩ ε ف ن

Ṅ ش‰ ٧ SF▯ ṫ ï ư ɒ` ɒ Ã Ḋ ɓ 0A ɒ ظ Φ ɓ 0A ڃ ϡ ɒ f p g ɓ 0A% ħ ɓ

ﻍ ᵘ ɲ ώ˜ ٦ Æ ɾ Slq j ᵘ ɲ ⅄ : Ĩ ε ف ن ¨E Φ χ Slq j 4<5149;1414 ḅ ' Ĭ ˜ χ

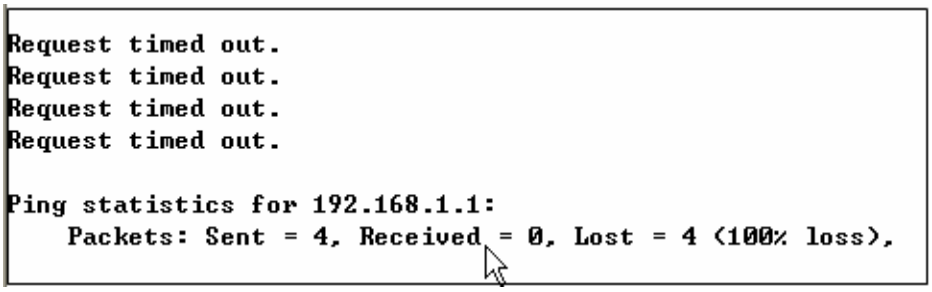
g, 407 ف ì ă ı

```
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

g, 408 ف ì . م



- ﾚﾌｨ, ﾑｧﾄﾙ5ﾅ X
- ｯﾄﾎ_—ｉﾊｨ"Aﾒ SF" ﾌﾒÆ"Y~ ♂ﾏｴ3ﾍｧ"Y~ ♂'3´~ ｰﾐｉﾌｨｊ* Ẃｲﾙ"Ω ⋮ﾉｲ
- 5ﾅ ｉｸ WFS2LS ﾇﾉﾏｴ*.
- 5ﾅ ｯﾄﾎﾏｴŢﾉｲｺ

1.2.3 Web

ｇﾇｶ Zheｵnﾃᵏᵅｲｨ"Aﾒöˡ Qﾟﾑ╞ﾋﾎﾕﾚ Zheﾉ┐ﾒｲ ｇﾒ Ⱪ` ｅ'Hｲ₄ｌ. ﾛQｲ˘ ᵖX

4, ｯﾄﾎŢ* Ẃｒｺᵏｕｲ V0rw423 ÆŢﾊｨ"Aﾒ3 ˆ ﾌ

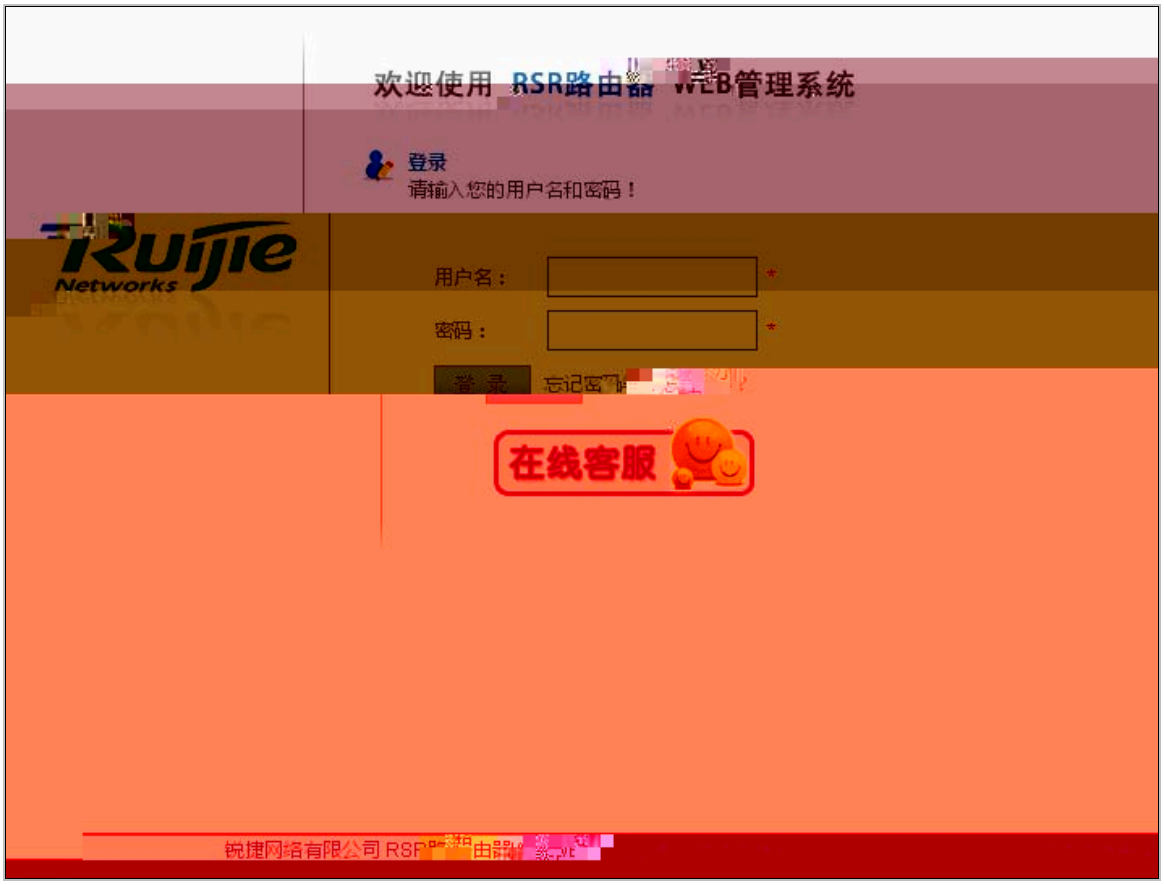
5, ｨ"Aﾒ3 Ţ*. Ḡᵻõｲﾉｊｚĺﾉｊ:ｨｕﾘẑ ẊŢ*. Ḡᵻ LH:13 Qｉｖ ╞ﾋﾎãäᵀᵾĘЛķ╞ﾋﾎ

6, ｨ"Aﾒ3 LS ｓχﾊﾇ:LS ｇª ﾉｭｲｏ 4<5149;141{{{ε{{{ ㎞ 5₆ 587 ɵ ﾌ:ｙ Ỳ"Ω"Ωζｲ Ḍﾉó ㎞ 5881588158813ｲｍﾛﾉнu㎞ｯﾄﾎ┐ﾊｓχ 4<5149;1414

ĕ ÃLH╞ﾋﾎｲｇｓχ" ﾌ?kwws=224<5149;1414` ｅUVUｯﾄﾎ:Zheﾉ┐ｳ_ｲｂ

🕮 ㎞ nê ˜ Ḅ: Zhe ѽ'ｲò□Æｒ LH43. Dss0h Vdidul Iluhir{613ﾍ╞ﾋﾎ

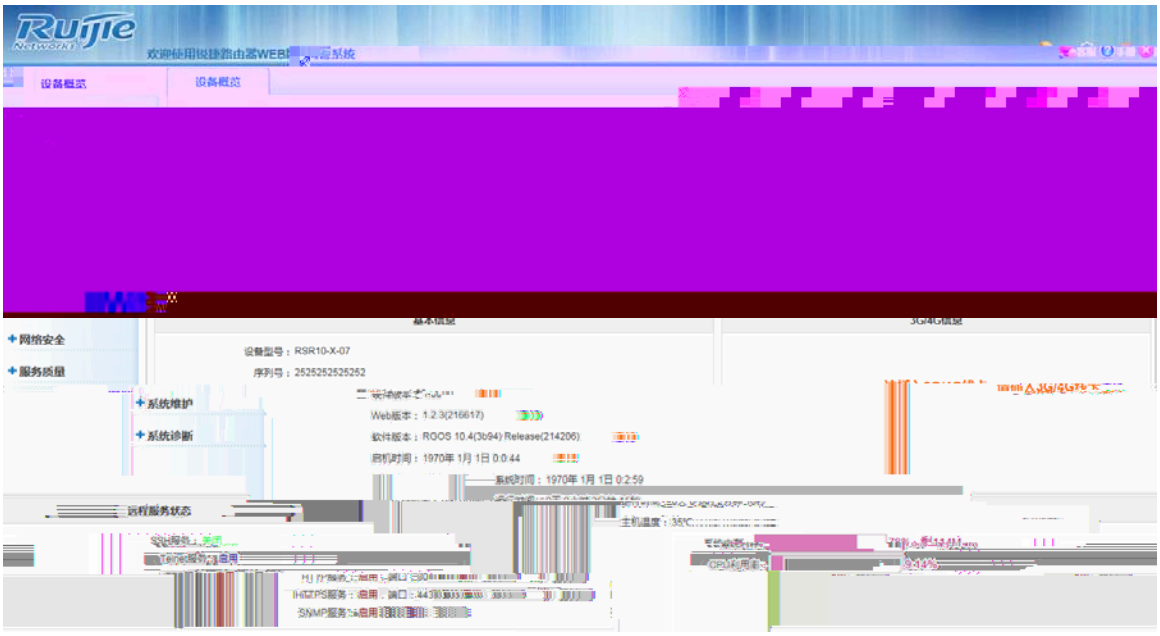
g, 409 ` ｅｳ_



ƍ%ɳ ₌ ɹʔѱϕ ᵻ ᵑ ᴨ ᵻ Ѧᵉ ⁼ Ḻ ι ˛ æσ ƚ Ө㎞ dgplq2dgplq ǎ ι ` ę ᵅ Ṅ˜ ˙ ↄ ᵠ ᴴ Zhe ↄ ʷ ʒ Ụ/ḅ

㎞ ϕ ᵻ ű ᴺ Ḡ ъ ι ↄ ƍ ` ę ǎ ι ᵅ Ѝ ώ ˛ æ Ḋ Ḻ

ɡ 40 :⁼ ᵚ ƚ ʷ

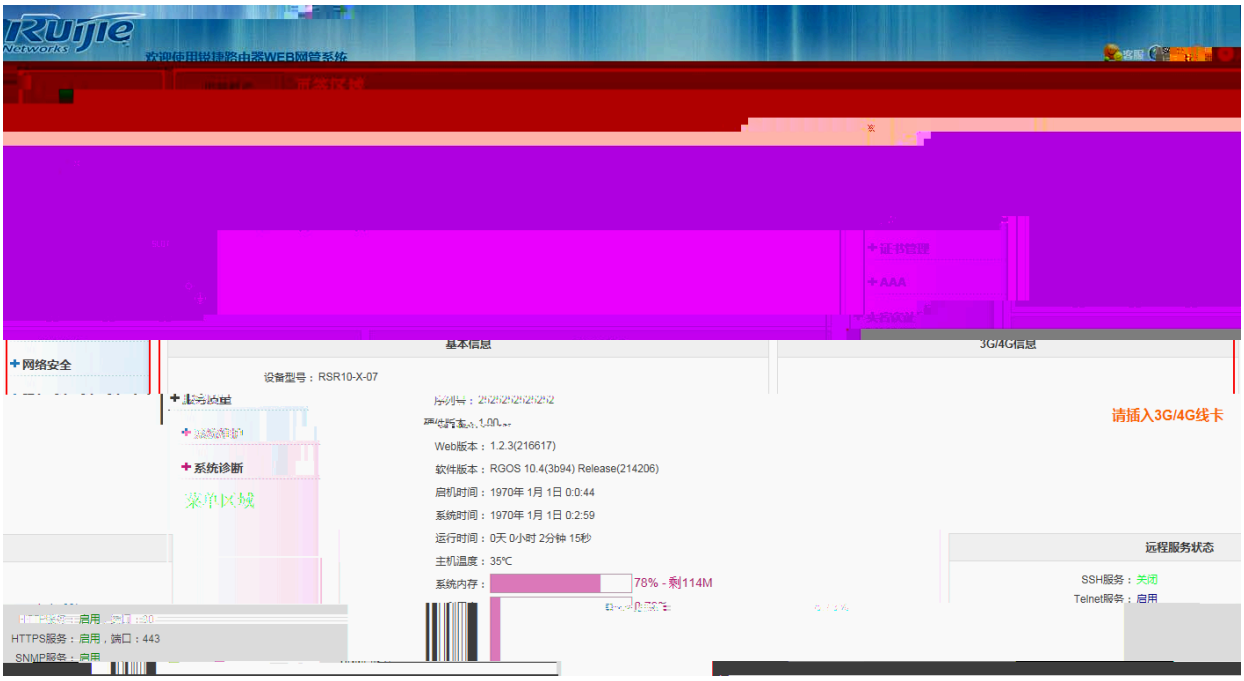


1.2.4 Web

1.2.4.1

UVU ث ᵻ ᴴ Zhe ๅ ̲ ̲ ṕ ḅ ï ̈Ã˜

g, 40; Zhe ๅ ̲ ת ³˜ ‘



ƥ Zhe ๅ ̲ ת ³˜ ‘ ѧ ᵻ ℚ˜ ˙ ı i̇ Ə ₭ ˥ ๅ ᵒ ᴅ ″ ı ᴸ Ə i Á ɜ̆ ת ³ ₭ ο ᴅ ï ‰ Ⱳ ̋ ı Ẹ Ѧ ο ᴅ ɣ ᵍ ^ Ѧ ‰ Ⱳ ̋ Ȟ ı ᵻ ℚ ụ ᵽ ` ‰ Ⱳ ̋ ‰ ₑ ƥ ª ๅ ο ᴅ ï ˊ Ω ‰ Ⱳ ̋ ᴸ Ə ‰ Ⱳ ̋ ï Á ת ³ ₭ ب ɹ ๅ ת ת ³ ı Ĩ ₰ ᵻ ب ɹ ๅ ת ‰ ʒ ɻ Ȟ Ă ת ³ ı Ẃ ȸ ‰ ب ɹ ▌ ɪ ˛ ᵬ Ӣ ώ Ⱳ Ȟ Ă ₰ ƥ ₚ ف ف Φ

1.3

1.3.1

₰ ᵻ ₦ ɳ ๅ ̲ ̲ ʒ Ụ ı ʒ̆ ɻ ɣ ύ ₰ ᵻ ʒ ᴺ . ɪ ν ع ɪ ν Zhe ɣ ν ẑ ˚ ᴺ ᵬ Φ Ȟ ڑ ѵ ѧ Ȟ ڑ ת è FSX ѵ ʒ Ụ

g, 40<

ت ᵻ ʜ ֆ ᵻ õ ì ϑ XVE ֆ ᵻ ı ǎ ȧ ϑ VG ɹ ⅋ ᵅ ı XVE VG ″Y˜ ♂ ɛ h ʒ ı ᵋ ˛ j h ʒ ∀

1.3.2

ʬ ɹ˜ ˝ ף ¡ Ȁ õ ѧ i ㇵ ڈ ئ ı Zhe À ʌ˝ õ ѧ ب ㇵ ı Ϝ ı % ı Ϝ ᵻ d˝ Ⓠ ˙ ب Ã ㇵ Ḥ Ă ℓ ح ı ‖ ᶻ ㇵ ̊ N ب ㇵ ص ١ ı ª Ḥ ف ʬ ¡ Ȁ ώ ĕ˝ ϣ Ẃ ɾ ㇵ ب ㇵ ʃ ˛ ı ᴱ ₓ ˜ Y Ł ώ ĕ ㇵ ℓ ح ı ¦ ˙ ‖ N ㇵ v ″ Ω ı o ˡ Ḣ ă ب ㇵ ı Ẋ ٧ o i ㇵ

Ỉ ʃ ˛ ΐ ϣ Ẃ ȸ ㇵ ٧ ʃ ˛ ı ֆ ᵻ ᴱ õ Ѧ ㇵ Æ Ă ʬ ϛ ㇵ Æ ת ث Ղ ƀ ف ì ı LS ş χ 2 P dvn ǎ SSSr H+DGV0, ″O ᴺ ㇵ ن ᴺ ɜ Ḻ ˙ ϛ ˡ ث Ղ ƀ ώ ĕ ı ˜ Y Ł ب ㇵ ´ ɒ ώ ĕ ㇵ ب ㇵ ° ı Ṅ ف Ᵽ v ″ Ω ˙ ˛ Ḿ Ẓ ᵻ ϑ ı ɬ ᵅ Ȝ è ب ㇵ o ˡ

g, 4043

Ĺ ƒ ˜ ĩ Ḿ ᴅ ჭ ت ڵ ڈ Й ĩ ﻝ ᴅ ƒ ˜ w ˊ Χ ı Ĺ ƒ ˜ ï w ˊ χ ᵡ ჭ Й ᵻ ⁼ Й ɜ ʒ ʻ

ᵡ ჭ Й ᵻ χ Ⱥ ˛ Æ ₶ Ꝫ ჭ ت ı ᴰ Ⱥ ˛ Æ ₶ ᵻ ჭ ت ı Ẹ Ꝫ ჭ ت ʌ ᵻ ﻝ ᴎ ѽ Ꝁ Ḥ ı ₅ ʊ ˊ Ѽ ₈ ᵻ ჭ ت ı Ỿ Ꝫ ჭ ت ﻝ ᴎ ѽ Ꝁ ṅ ت ı w Ĩ ₅ ʊ Õ ʯ Ꝫ ˛ Æ ჭ ʌ Ѽ Ѽ

Й ɜ ʒ ʻ χ Ƀ Ⱥ ˛ Æ ˋ ˛ Ḥ Ӈ ﻝ ᴎ Ѽ Ѽ ჭ ʌ Ṫ Ă ı ш ˛ Ѽ Ѽ ï ă Ṅ ˜ Y Ł ت ᵻ Ф ﻝ ñ ˙ Ḿ Ẓ ¡ Æ ı ჭ ʌ ˛ ⊃

g, 4044

LS ş χ2ǫ χ ◦ ɓϽƀώě

ɻʜşχχ◦ɓϽƀώě

iɻ∪ᴺχ◦ɓϽƀώě

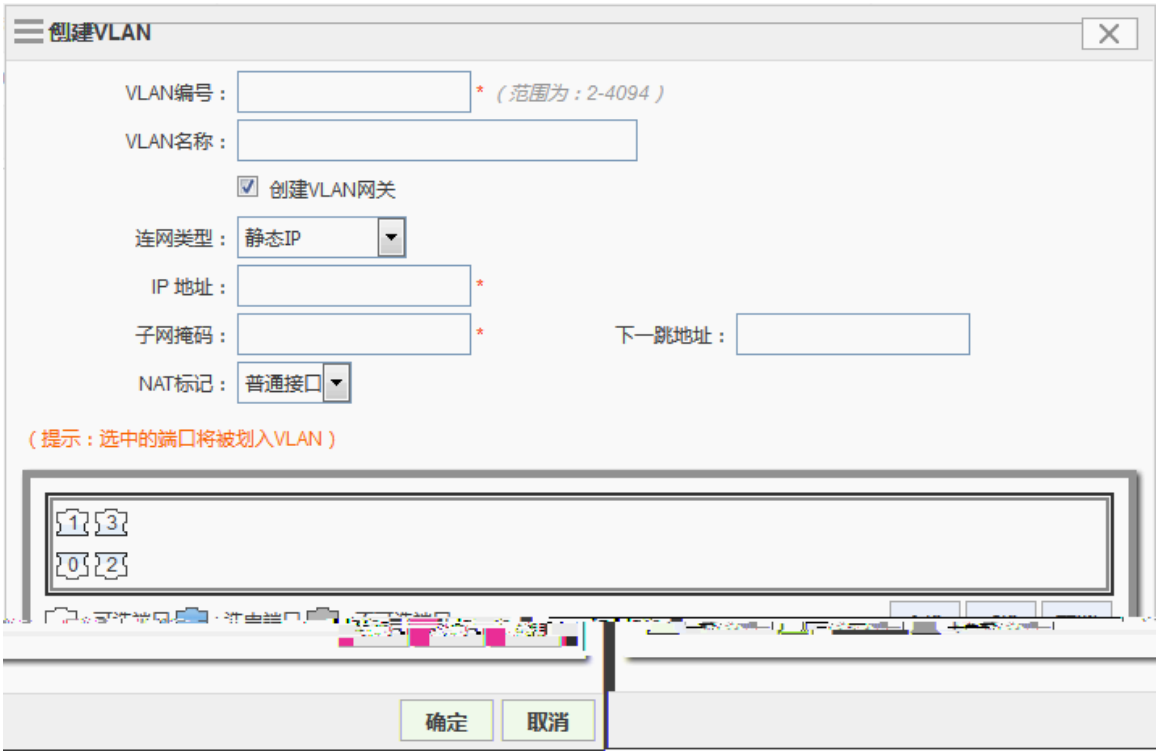
iɻĻ χ◦ɓϽƀώě

GQVχ ˜ ὐ ï ı ɓϽƀhώě 405 Ѧ GQVıĘɸɻ^Ѧ GQV ˋHıتÆŕ ъᴺđ˙ ᴺ ؿΦ˙ ב

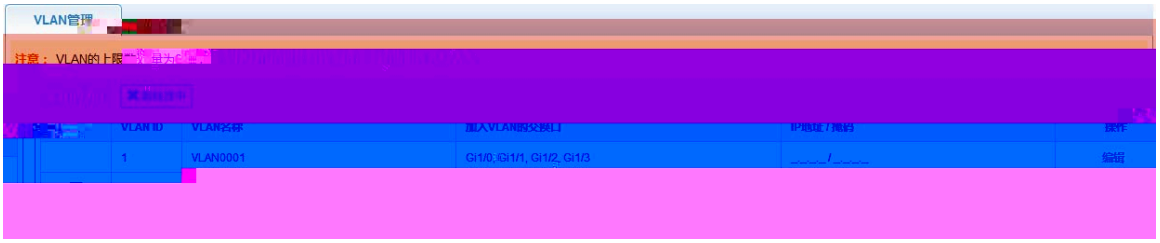
ìÆώكχ5 ḧΘ%ìÆ㊀ŕ ∪

GKFSˋOnχʬɲɻɻ◔ɸ⁞5 ʊ˙ ٻLSşχ㊀ Ѧıǐıḅɲɻѧ Ѧ ʲSFıᴱ ļɻѦفìǰˋʘ ʊnnLSıŏǐʞ ت◦ʰɸ⁞inn˙ LSşχıЧ˙ ώĩت◦ʰǫɛÃᵏ%ıǐ

LS ş χ2ǫ χѕnὐ ï ı Ţɻʬɲɻɻ◔ɸ⁞ɸĦḂLSşχıϏṇ≠e㊀ₔ∂ıتjļЙώ



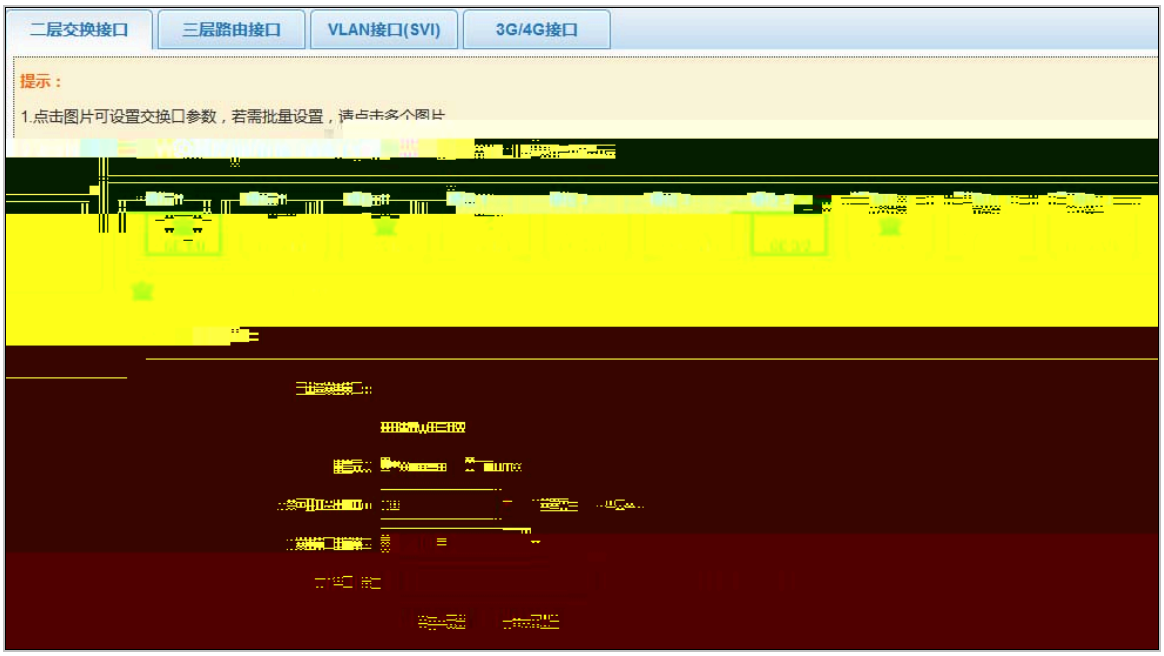
g, 4046



1.3.3.2

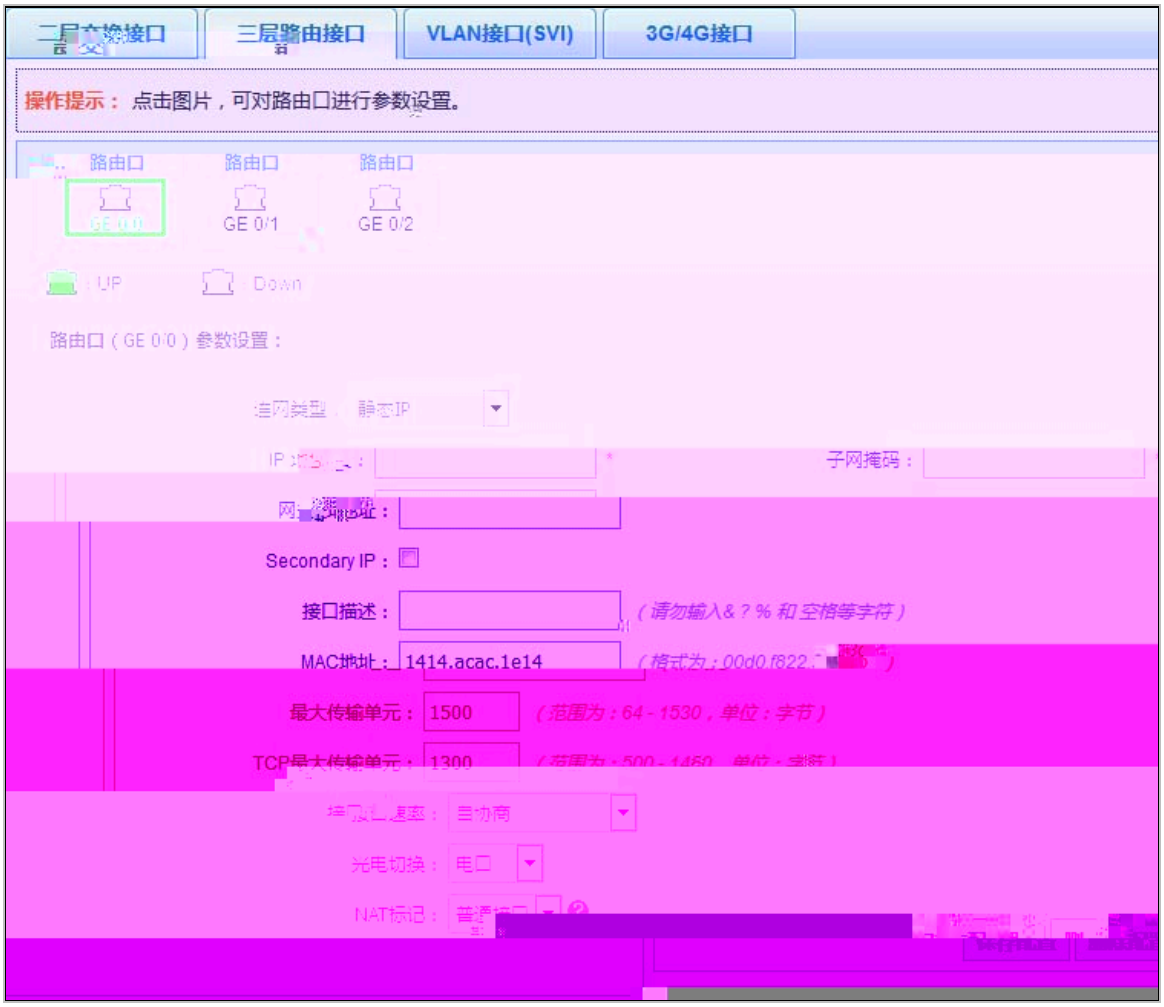
ì Æ ㄱ ㅂ ㅣ ĩ Ḿ ֆ ᛕ ì ⅷ Ṗ Ґ Ѿ ì Æ s Ṗ ب ، ì Æ Y0DQ ì Æ ¤ 6J27J ì Æ ف Φ ㄱ ㅂ

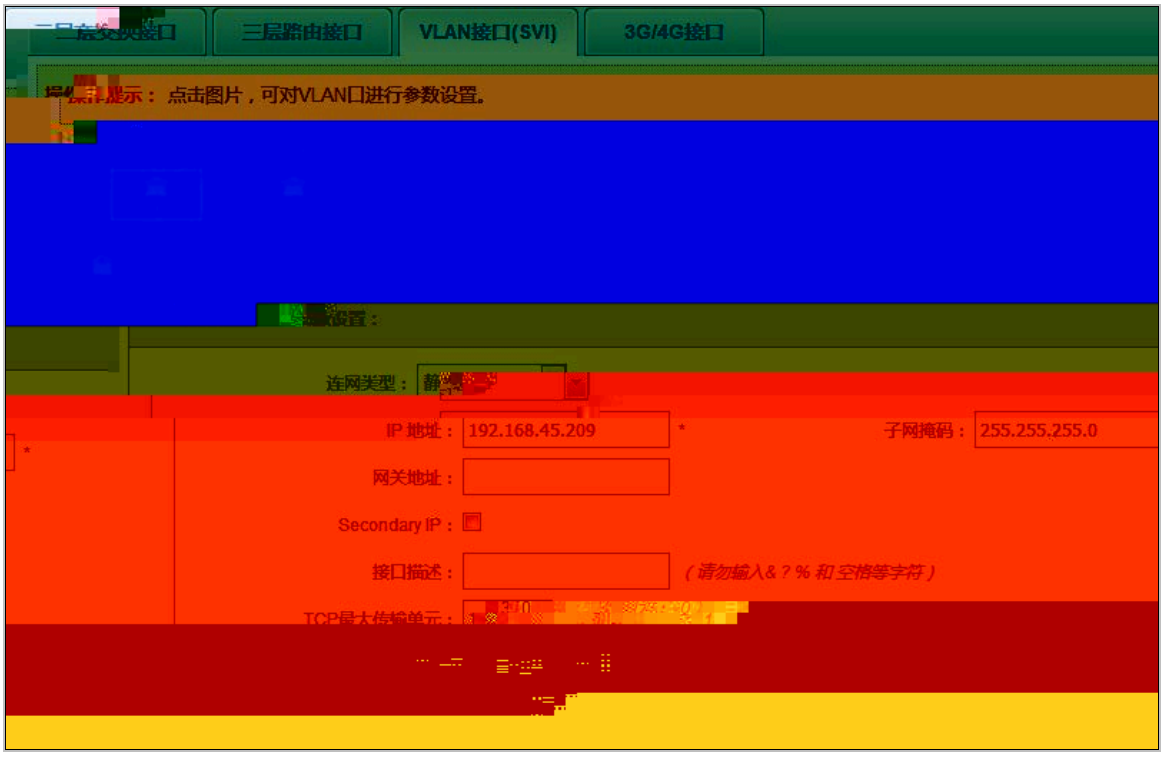
g, 4047



⁀ Ṗ Ґ ″Ω ì Æ ı ˡ₅ ħ Θ Ґ ″Ω ì Æ ₩ Ã ⁼ ì Æ Y0DQ ʟG ı ì ı ǐ ₱ ᵗ ì Æ ᵑ Ẃ ₦ Wuxqn ₩ Ã ı ì SF ¡ ″A ↰ ì Æ ᵑ Ẃ ₦ Dffhvv ₩ Ã ᵽ ` ì Æ g ‰ ı ŏ ı Ꞓ Ḿ Ǐ ì Æ ؋ Φ ڀ ɻ ı æ þ Ӣ ὼ Ґ ″Ω Æ Ш ڎ ₩ Ã ↰ ı g ‰ ₦ ᵊ ı Ђ ´ Ǐ ì Æ ↑ õ ĩ g r z q ı g ‰ ₦ ᵻ ı „ Ђ ´ Ǐ ì Æ ↑ õ ĩ x s

Wuxqn ₩ Ã χ ы ᵽ ^ Ѧ Y0DQ ᵑ ȝ ı ѕ ɲ ὺ ` ï ı ǐ ы ᵽ ″A ῶ Y0DQ ᵑ ص % Ґ ″Ω Æ ı Ṅ ″Ω ̃ Ω ᶎ ʌ ` ì ǐ ₱ ᵗ


三层路由接口
VLAN接口(SVI)
3G/4G接口
操作提示： 点击图片，可对路由口进行参数设置。
路由口
路由口
路由口
GE 0/1
GE 0/2
UP
Down
路由口（GE 0/0）参数设置：
静态IP
子网掩码：
Secondary IP：
接口描述：
（请勿输入&？% 和 空格等字符）
MAC地址：1414.acac.1e14
最大传输单元：1500
（范围为：64 - 1530，单位：字节）
TCP最大传输单元：1300

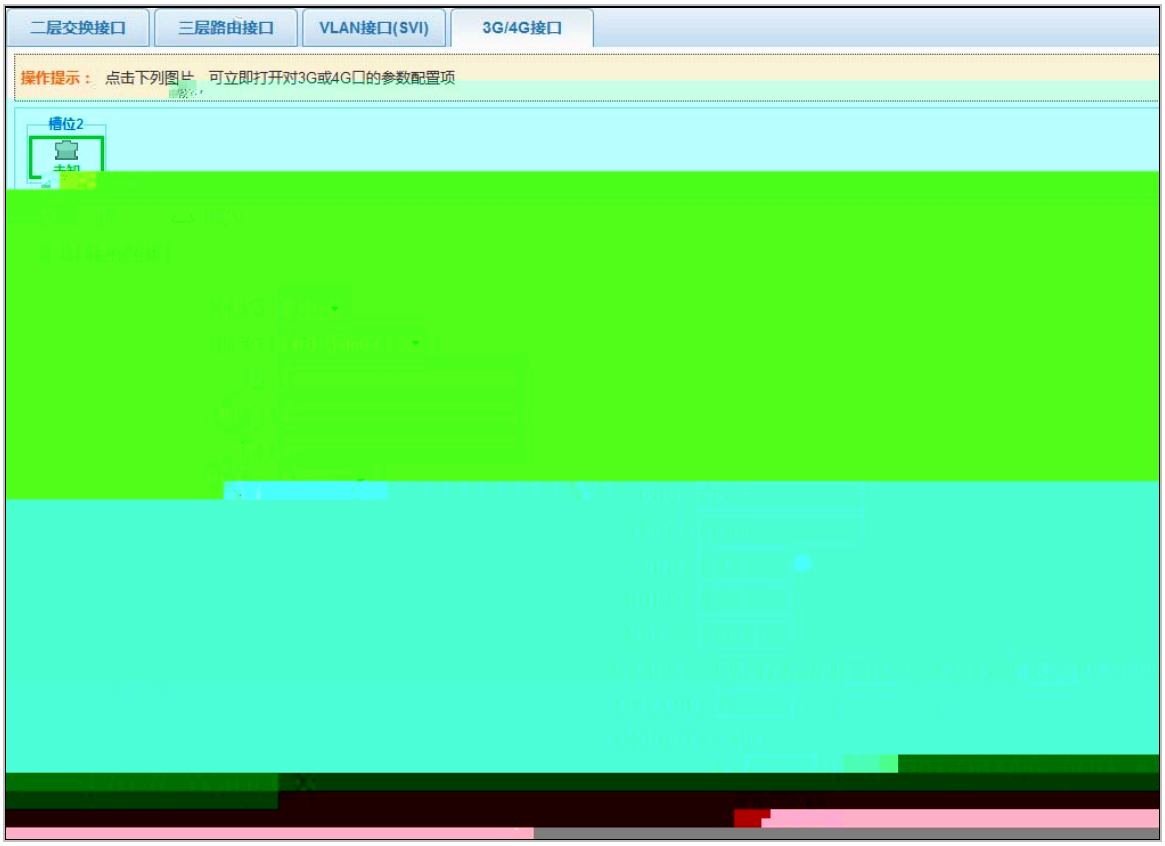


Y0DQ ì Æ ı ĩ ֆ ŧ ı ۞Ն Ό s Ṗ Æ ı o VYŁ ì Æ ı Ĺ ‴ ˛ ⅝ Y0DQ ٦ Ո ı ώ ě˝ ˜ ^ ۞ v Ό Ǫ ě ứ ٨ ڈ ¤ Æ ŧ

3G/4G

ƥ ٨ ٨ ֆ ٨ o ᴅ ″ ᴀ J̌ Ό ì Æ ٦ Ո -J̌ Ό ‴ ٧ 3G/4G ì Æ ı ف ٶ ب ٨ ٹ ˛

g, 404 :



ﻝ ﻡ ₩ Ã χ ﻝ ₩ Ã χ auto ﻍ ʊ) ı ʯ • ş ת ≡ ω 4 ϕ ı ﺍ Ă ˙ Ф ḧ ă π ϕ ă o ϕ

ǐ ِ χ LTE(4G) WCDMA(3G) GSM(2G)

ɔ ʒ χ LTE(4G) EHRPD(3.5G) EVDO(3G) CDMA_1X(2G)

ﾍ ʊ χ LTE(4G) TD_SCDMA(3G) GSM(2G)

APN χ È ﻫ ı ʯ ﻅ ϓ ƀ ω ώ ě ı ˵ ﺍ ɭ Ф ﻝ

ŧ Ä ª χ È ﻫ ı ʯ ﻅ ϓ ƀ ω ώ ě ı ˵ ﺍ ɭ Ф ﻝ

Ļ χ È ﻫ ı ʯ ﻅ ϓ ƀ ω ώ ě ı ˵ ﺍ ɭ Ф ﻝ

IP n п Ά Ã χ ˜ ù` ѡ n o ı ı Ꮋ ƥ P ≠ e ﷺ ʃ ˜ ı ﺍ ɭ έ Ť ژ ϑ ˍ õ IP ş χ

NAT ‰ ʟ χ ˜ ù` Ǐ Ö NAT ᵘ ﻝ ı o ȣ ﾍ ʊ ﻝ ﻡ ﷺ ï ă ﺍ ɭ ف Φ NAT ჯ Ω

n - в p χ CHAP+PAP CHAP ⁼ PAP ı ѡ n o ı

Ö ᴺ Ά Ã χ ₅ ʊ Ö ᴺ ı o Ф ɬ ᵏ ª ő ₅ Φ Ö ᴺ ã ﾍ ﾍ ʊ ﻝ ﻡ ı ˜ Y ﺍ Ö ᴺ ﺍ ɭ ï ă ư ﺍ έ ʜ Ö ᴺ

Ö ᴺ ض ő ضخ ضخ ƀ -

ج ت ﾍ ز ` H ژ χ Ę ƥ Ф ḧ ﷺ H ژ ת ı ʯ ή ٨ گ ï ă ă Ω ώ ï ă ı ˵ 4G Ń Ă Ã ﻝ ﻡ

Ȝ ╕ ή ╜ χ ϰ Ф ɬ ᵇ ή ╜ ´ ﷺ IP ş χ ٨ گ ή ╜ ï ă ı ʯ ή ╜ ˙ ﻝ ﻡ ã Ẃ ı ˵ ʜ ư ﺍ 4G ᵱ Ä Ö ᴺ

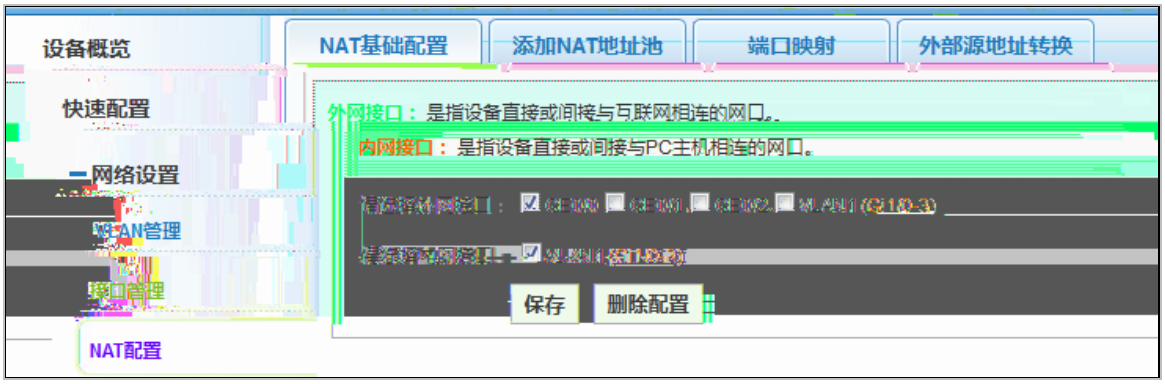
ή ㄓ ㄣ ' χ ㄠ ^ Ɲ ` H ɾ ɭ ∧ Ӄ ή ㄓ ' ɼ

1.3.3.3 NAT

NAT

QDW ㄋ ă ϖ Ч ĩ ɒ Qhwz run Dgguhvv Wudqvodwlrqƃ ı o ɒ ㄴ ∧ ş χ ჭ Ω ƃ ı Ę ы ƥ Ѧ Ɋ ч _ Ɯ Ѧ ɂ ŧ ŁS ş χ, ∧ ƥ ŀqwhuqhw i Ĩ ª ộ Θ ı Ę ĩ Ч " H ɲ ሐ Ч õ ㄴ ∧ ş χ ε ŁS ş χ ζ ˇ ᵇ ă ᵀ | ㄴ ∧ ŁS ş χ ㉿ H ق ص ㄴ ∧ ş χ ჭ Ω ε QDW ζ ı ḫ ∧ ɲ ㄴ Ч õ ş χ ჭ Ω ă ᵀ | ㉿ ɂ ㄴ ş χ ı ḫ ∧ Ӎ ĩ ㄴ ì ϖ

g, 404 ;



ㄴ ∧ ş χ ჭ Ω ᴱ ₄ ļ. ḧ ᵘ ㄴ ì Æ ⁼ ɲ ㄴ ì Æ ı ő ˡ Ɯ ḫ ∧ ɲ ㄴ ş χ ჭ Ω ɂ ㄴ ş χ ჭ Ω ª ㉿ ş χ Ĉ ˡ Ɯ J̌ " O ^ Ѧ ì Æ ㄴ ấ ă ɂ ㄴ ş χ – ı " Ƣ Ω ĩ ă Ꮒ ƥ Ш ف ㉿ ì Æ i ف Φ ჭ Ω ı ɉ ˙ ƥ j ª ბ Ղ ƀ ì ϖ ư ` ï " Ƣ Ω ĩ ă ق ɔ ƺ ' ㉿ ㉿

ჭ Ω ª ㉿ ş χ ų Ẃ J̌ " O ѫ ᵘ ㄴ ì Æ ş χ ᵻ ѫ ƥ SSSrH " O ᴺ ì ϖ ư ` ï ı ŁS ᵻ ბ Ղ ƀ ט õ ' ف

NAT

QDW ş χ – ı ĩ " Y ف ٨ ɲ ㄴ ƺ ㉿ ɂ ŧ ŁS ş χ ف ㄴ ㄲ ƥ ḫ ı ƥ ḫ ☆ Ƶ ŧ Ѧ ı ḫ ∧ ɲ ㄴ ƺ Ц ɹ Ӎ ĩ ㄴ

g, 404<

ѕ n ù ï ı ы ρ ɲ ɻ ʒ ρ γ Ɱ Ή ɹ ʒ ' i ɻ

ρ ت ᵑ ʰ ѕ n ф ɻ ï ı ÿ ³ ɻ ᴀ ʒ j Ĩ ´ ì ʌ ь р ³ ɻ ᴀ O n ʰ ف Φ ٹ ʒ ₭ Ά ж ÿ ³ ɻ T | ɤ Ά Ш ڈ ş O n ʰ ı ª Ή w ļ Ȝ ĭ р ³ ɻ ɲ ሀ j ᴘ Ж ɳ ı ت ᵑ ʰ ώ ě ɻ Λ ş χ ٧ Æ ī ɱ ı Ĩ ت Ж ı Ę ĥ Θ ĺ ʒ ɻ ş χ ȝ ٧ Æ ī ɱ ˙ р ³ ɻ ᴀ ş O n ʰ ş χ ȝ ٧ Æ h ˵ ı ł ᵅ ф ĥ ʒ ɻ ş χ ȝ ٧ Æ ώ ˙ Ω Ω ᵅ ı ٹ ص ī ɱ h ˵ ჳ ʌ Λ р ³ ɻ ᴀ O n ʰ ı ف ¯ ő ţ ϰ ˝ р ³ ɻ O n ʰ Ḿ ᵘ ώ ě O n Ĩ ד ı ª Ή j ẽ φ р ³ ɻ ɲ ɳ ɻ Λ Ḡ ২

g, 4053 ٧ Æ ī ɱ

ī ɱ ١ ʒ χ ٧ Æ ī ɱ ă Ω ī ɱ

в ɲ ١ ʒ χ ت ⁞ Ω ₄ ļ J O WFS ă XGS

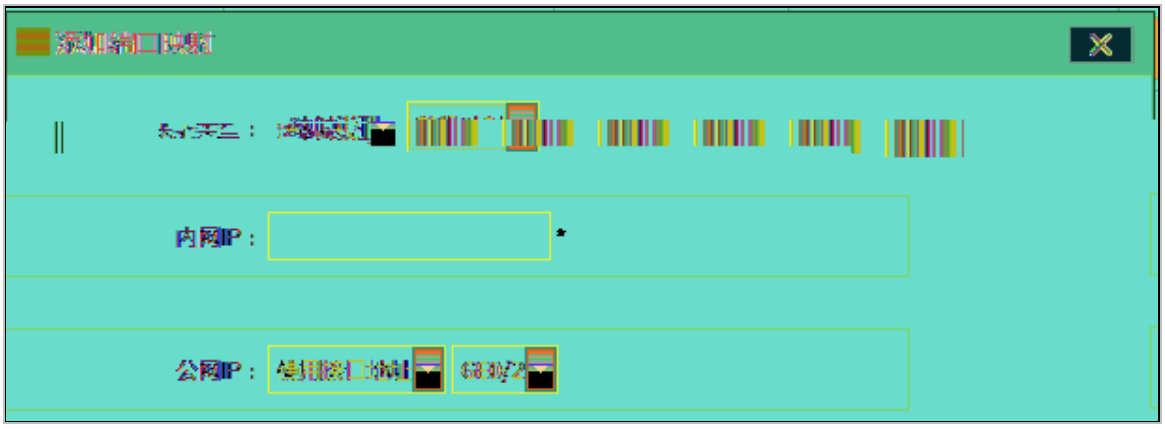
ʒ ɻ LS χ ÿ ³ ɻ LS ş χ þ ' J O ì Æ ı ˵ ᵘ ɻ ì Æ i Ά õ LS q u h ī ɱ

ʒ ɻ ٧ Æ χ ÿ ³ ɻ i ٧ Æ ı ɲ Ë ˵ ƀ ₦ 4₆ 98868

ɲ ɻ LS χ ļ ī ɱ ˙ ᵘ ɻ ɲ ɻ LS ı ų Ẃ ĩ ύ O n ʰ LS ş χ

ɲ ɻ ٧ Æ χ ļ ī ɱ ˙ ᵘ ɻ ٧ Æ ı ɲ Ë ˵ ƀ ₦ 4₆ 98868

g, 4054 Ω ī ɱ



ϧ ل LSχ ӧ ³ ل LS ş χ þ ' Ǐ Ο ì Æ ı ᵤ ᵕ ل ì Æ i Ά õ LS ʠu h ī ṃ

ת ل LSχ ı ī ṃ ᵕ ل ת ل LSı ų Ẃ ĩ ύ Ο n ʰ LS ş χ

ᵕ մ h ◊ ş χ ҷ Ω: ĩ ″ Y ת մ h Ǯ ᵢ ı Ա ڎ ᵕ մ h ل ᴧ ı Ꮋ w j ỳ Ậ ϡ ᵕ մ h ت ᵻ ϶ H ı ˡ Ꮻ Æ ŧ ᵕ մ h ◊ ş χ ҷ Ω ı Ṅ ᵕ մ h Ο n ʰ LS ş χ . ヶ Æ ı ҷ Ω ă ת մ h ل ᴧ LS ş χ . ヶ Æ

g, 4055

1.3.3.4 DNS

ل ᴧ i ı ı Æ ŧ Ǯ ᵉ ų ʒ Φ ᵻ ı ث Ж ı ı ˙ GQV ˋ Ο n ʰ ¶ Ĩ Ǯ Ά Ḿ Ẓ LS ş χ ı ƥ GQV ب ل ف ۽ ı ˡ Ꮻ ▌ ŧ ^ Ѧ GQV ˋ Ο n ʰ ş χ ı ª Ꮋ ώ ĕ ˝ Slqj ı Ĩ ı Ꮻ ₅ ╨ Ĩ GQV ˋ Ο n ʰ ĩ ε ˡ ڑ

g, 4056

g, 4057

1.3.3.5 DHCP

υ õ ʒ ϕ ɹ в ɲ ε G|qdplf Krvw Frqiljxudwlrq Surwrfro/ GKFS ζ ĩ Ａ ṕ ³ ɹ ɹ Ν в ɲ GKFS ʾ Ο ɲ ћ ṕ ³ ɹ л ʒ ώ ě υ õ ŁS ş χ ʿ ب ı ĺ ˝ ˛ ب ɹ ʒ ļ ı ĺ ƴ ù χ GKFS Æ ĺ υ õ ʿ ب ŁS ş χ ˛ õ ɹ ḧ ŁS ş χ Ɜ ɒ ŁS ş χ ¡ Ä ٧ ˚ ´

DHCP

GKFS ʾ Ο ɲ ı ḫ ϰ GKFS ʾ Ο ɲ Ã ᵏ ᾶ ћ ȝ

g, 4058

g, 405 :

ڀ ص أ ا ا ا ف ا ق ¶ ~ Ę ˙ Ţ ل ‘ ب LS ş x ù `

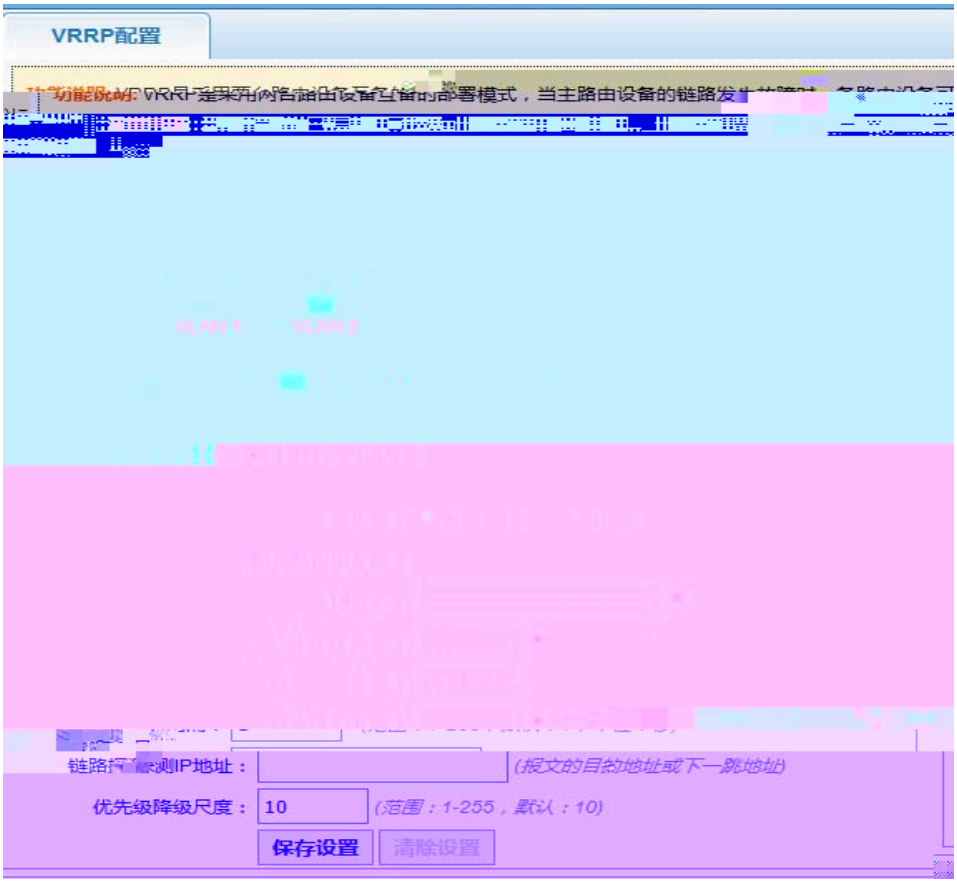
g, 405<

1.3.3.6 VRRP

YUUS ĩ ڀ ۲ ь ل ت ۰ ֆ ۱ Й, ۱ ₪ ₩ Ă ı Ę ڗ ت ۰ ֆ ۱ ₪ ج ت ٨ ۱ ۏ ڬ H ı ۱ ت ۰ ֆ ۱ ا ق ę j ẽ φ Ω ̃ Ω ڀ ʒ ₪ ώ ï ђ ٨ ج ت ̆ Ω

> ت ۰ ֆ ۱ ₪ s Ṗ ì Æ ا ‘ ₥ i ỉ ì Æ ¤ ï ỉ ì Æ ı i ỉ ì Æ ĩ ˝ Y ֆ ۱ ì ٶ ᵘ մ ل ٨ ₪ ì Æ ı ă ï ỉ ì Æ „ ĩ ת մ ل ٨ ì ٶ ֆ ۱ ₪ ì Æ ı YUUS „ ĩ մ ₪ ę ڗ ۱ ت ۰ ֆ ۱ ₪ ï ỉ ì Æ i

g, 4063



ï ٫ş ϰ χ ″Yĥ ₳ŁS ş ϰ ı ت ٠ ᴴ ï ℓ h Ń ٤ ᵀ∫ ţ ₪″Ω ̃Ω ɣ ج ∧ ˙ Í ş ϰ i

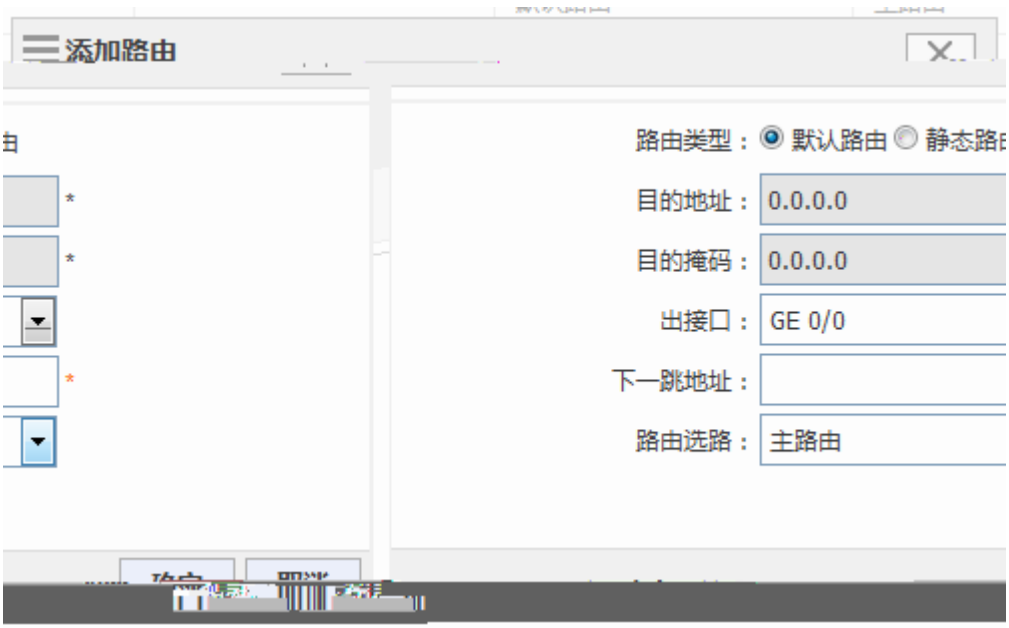
¸ ì Æ χ ₰ ĥ ″Ω ̃Ω ɣ ∧ ڜ ¸ ⊃₪ ì Æ

ت ٠ J̌ ت χ ₰ ĥ ت ٠ ₪Ч Ж ٨ ε ٦ ת ' ˜ ζ ı ت ٠ ₪٦ ת ' ˜ Ө ٩ ņ „ Ч Ж ٨ ٩ ɔ ı ѡ ת ὼ ` ï ٦ ת ' ˜ Ө ₥ ɒ 4 ɓ

´ ₪ş ϰ ЛЬ´ ₪ǫ ª ₥ 3131313 ₪ت ٠ ₥ѡ ת ت ٠

ï ٫ş ϰ ⁼ ¸ ì Æ ǫ ɤ ũ ° q ٫ ı ǎ ǟ ь ° ₰ ٫ ل

g, 4066



1.3.4.2

Ⅵ ɀ ت ٠ ε SEU χ Sr0lf | 0Edvhg Ur x ₩ lq j ζ ώ ĕ˝ ٤ ٪ ₰ ´ ₪ş ϰ ₫ Φ ت ٠ ج ∧ ˜ ɪ ь ╕ ₪″Ω ̃Ω ɣ ت ٠ ج ∧ ˙ Ⅵ ɀ ت ٠ ˡ Ꝋ ⁞ ̃Ω ŁS ï ă ◊ ş ϰ ᵘ ت ٠ ˡ ɜ ʌ ɜ ٠ ت Ò

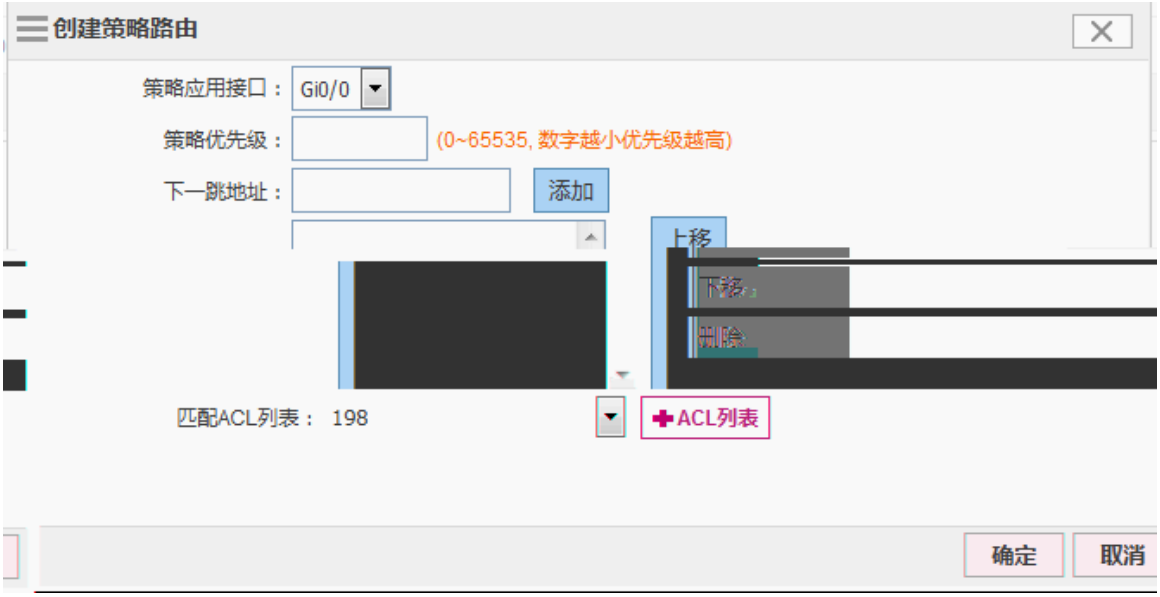
ᛘ ᛯ ᛋ ᛯ ᛨ ᛦ ᛘ ᛯ ᛨ ᛘ ᛯ ᛏ ᛩ h ᛋ ᛯ ᛨ ᛘ ᛯ ᛨ ᛩ ᛘ ᛯ ᛨ ᛩ ᛯ ᛏ ᛩ

ᛞ ᛃ DF0 ᛫ ᛬ ᛦ ᛩ ᛃ ᛩ ᛫ ᛬ DF0 ᛫ ᛩ ᛫ ᛯ ᛃ ᛞ ᛃ ᛞ ᛃ ᛩ ᛫ ᛬

ᛩ ᛃ ᛩ ᛦ ᛦ Y ᛫ ᛯ LS ᛩ ᛦ ᛩ ᛏ ᛩ ᛩ ᛩ ᛫ ᛬ ᛫ ᛩ ᛦ ᛩ ᛫ ᛬ ᛩ ᛩ ᛩ ᛫ ᛬

📖 Ę ᵔ ᛩ LS ᛩ ᛏ ᛘ ᛯ ᛩ ᵃ H è ᛩ ᛫ ᛬ ᛩ / ᛋ ᛯ Æ ᛏ ᛘ ᛯ ᛩ ᛩ ᛯ

ᛩ 4068



1.3.4.3 OSPF

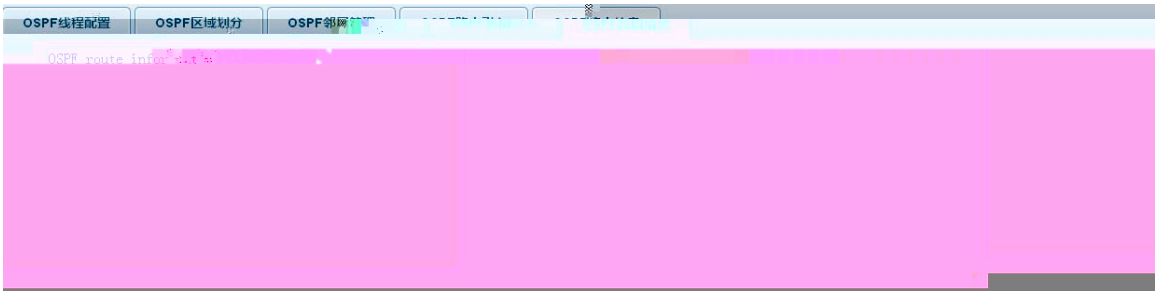
RVSI ε Rshq Vkruwhvw Sdwk Iluvw ı Ã ᷉ Ã ᷉ ~ ᴄ Ê ᛋ ᛯ ζ ĩ ᛘ ᛏ ᛫ ᛬ ᛩ ᛫ ᛬ ᛩ ᛫ ᛬ ᛩ

OSPF线程配置
OSPF区域划分
OSPF邻居管理
OSPF路由引入
OSPF路由信息
OSPF线程配置
OSPF进程号:
1
*(1-65535)
应用进程
删除进程

OSPF

ت ٠ Δ ǐ ı ſ ѕ ռ ĩ ؛ Ã ᵏ ↑ õ ı ь ' ω Δ ǐ ت ٠ è ᵽ ı ᵽ ت ٠ ˊ ѧ Ṅ˜ j ˙ ɣ ᵍ ᵽ Δ ǐ ت ٠ ภ Ḍ ت ٠ ı ف ¯ ı Ꝏ ᶻ ᶻ ﾉ ṇ ت ٠ ˊ h ₩ ı Ǐ ﾉ ʷ Ƶ ɻ ᵒ א ت ٠ Δ ǐ ɵ ᵅ ت ٠ ʒ Ụ

g, 4073



1.3.4.4 RIP

ULS+Urxwlqj lqirupdwlrq Surwrfro, ĩ Ƶ ŧ ᵾ Ɛ Æ ŧ ᵾ ʷ ى ภ ሀ ﾉ ʜ ʁ ɒ +Lqwhulru Jdwhzd| Surwrfro/ Ɣ ϒLJS, ı ĩ Ɛ ʒ ' ᵐ ᵇ ᵾ +glvwdqfh0yhfwru, ʁ ɒ ULS ي ص XGS ĭ ă ſ Ґ Ѡ ت ٠ ʒ Ụ ı ĭ ă ⅛ Ѧ ت ٠ ʜ ı Ṅ ʟ ę ˙ ژ ت ٠ ʜ Ѧ Ѡ ı

Ǻ ƀ X ¸ Ę Ü

g, 4074

RIP

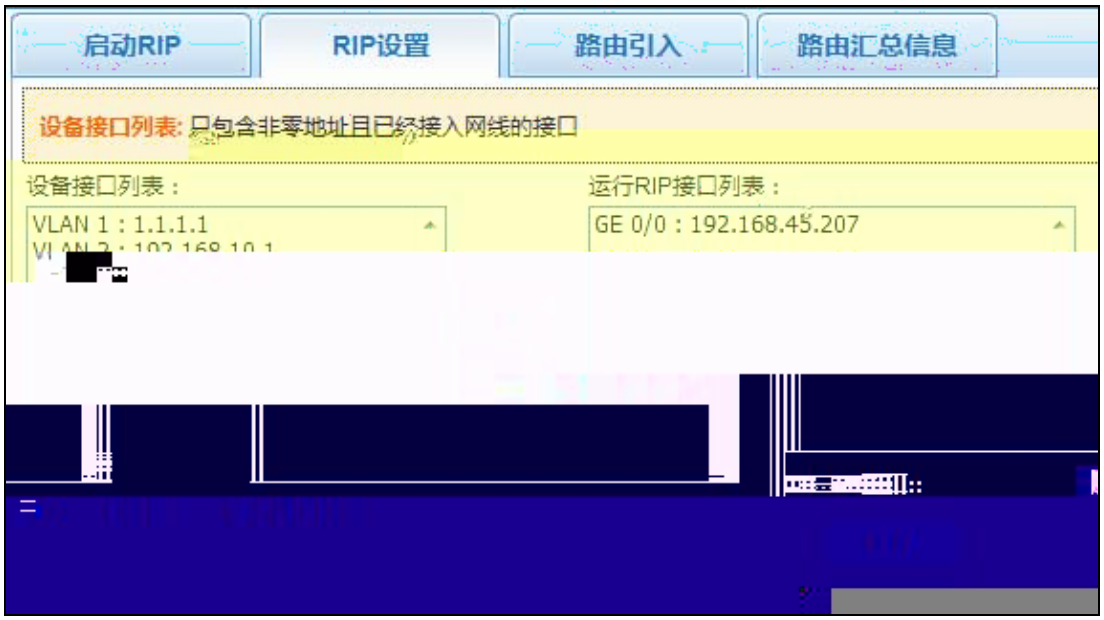
Ф ì Æ ´ χ γ ù ą ρ Œ θ ت ٠ ì Æ ª ℓ ì Æ ε ᵍ Ḍ ì Æ ζ ã ℓ ì Æ YODQ ì Æ

ь Φ ULS ì Æ ´ χ ِ ص ì Æ n ת ì Æ ş χ ı ḫ א ULS ﻝ ﻡ ş χ ю ǐ

ы ę ِ ɔ ǐ ă χ ы ę ì Æ b ט ِ ɔ ş ت ٠

˜ Þ ِ ɔ ǐ ă χ ˜ Þ ì Æ b ט ِ ɔ ت ٠ ı Í ì Æ ا Œ ę Ĉ ט ش ت ٠ ı Ꮋ j ǐ ِ ɔ ş ت ٠

g, 4075

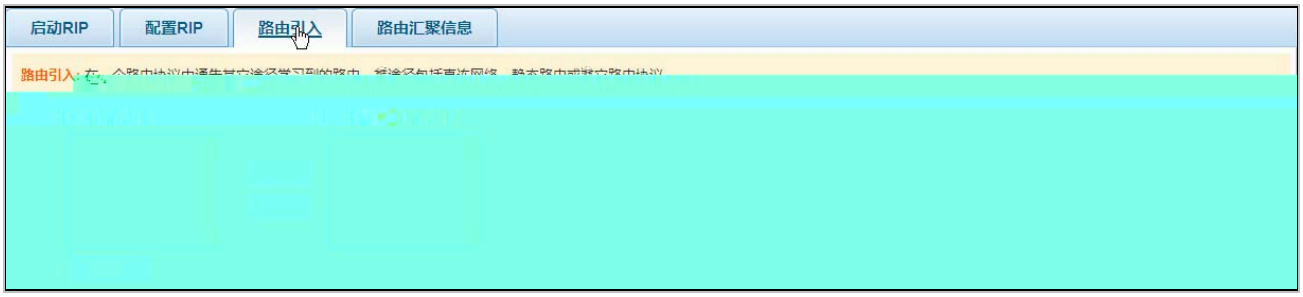


ت ٠ Â ٹ ĩ Ḿ ɲ ش ٠ ٨ ٠ å ٠ ı ѡ Ẃ ð ٠ ٠ ٨ ش ¯ ß ˜ = ƀ Φ ULS ٠ ṇ ʒ ٠ ٨ ћ ٨ ɇ ٠ ƀ Φ RVSI ٠ ٨ ˀ ف ì ı Ɣ ṇ ʒ ٠ ٨ ٠ ı ћ RVSI ³ ɲ ٠ ٠ ٨ ٹ ʒ ı „ ọ ɛ ɒ ƀ Φ ULS ٠ ت ٠ ʰ i ı Â ٹ RVSI ³ ٠ ت ٠

Â ٹ ت ٠ ١ ʒ χ ɣ ᵍ RVSI Frqqhfwhg Vwdwlf

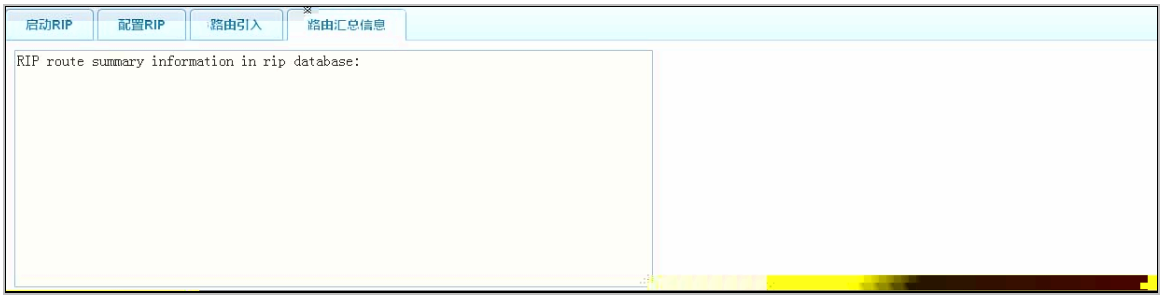
˝ Y ẗ Â ٹ ت ٠ ٠ ١ ʒ χ. ẗ ٠ ı Â ٹ ت ٠ ٠ ١ ʒ

ɡ 4076



ت ٠ Δ Ở ı ſ ѡ ת ĩ ٭ Ầ ᵏ ᵗ õ ı ḅ ' ѽ Δ ǐ ت ٠ è ɒ ı ɒ ت ٠ ˊ ʌ Ṅ ˜ j ˙ ɣ ᵍ ɒ Δ ǐ ت ٠ ɲ Ḍ ت ٠ ı ف ¯ ı Ɋ ᶻ ᶻ ٨ ṇ ت ٠ ˊ h ₩ ı Ǐ ش ˝ ʓ ı ᵒ א ت ٠ Δ ǐ ɵ ᵅ ت ٠ ʒ Ụ

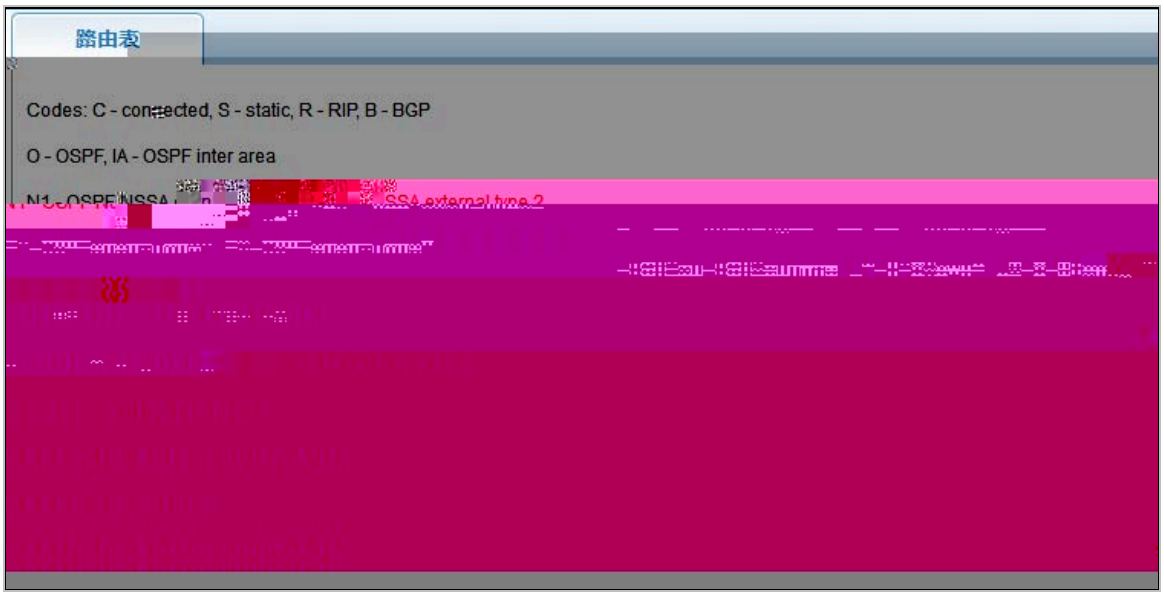
ɡ 4077



1.3.4.5

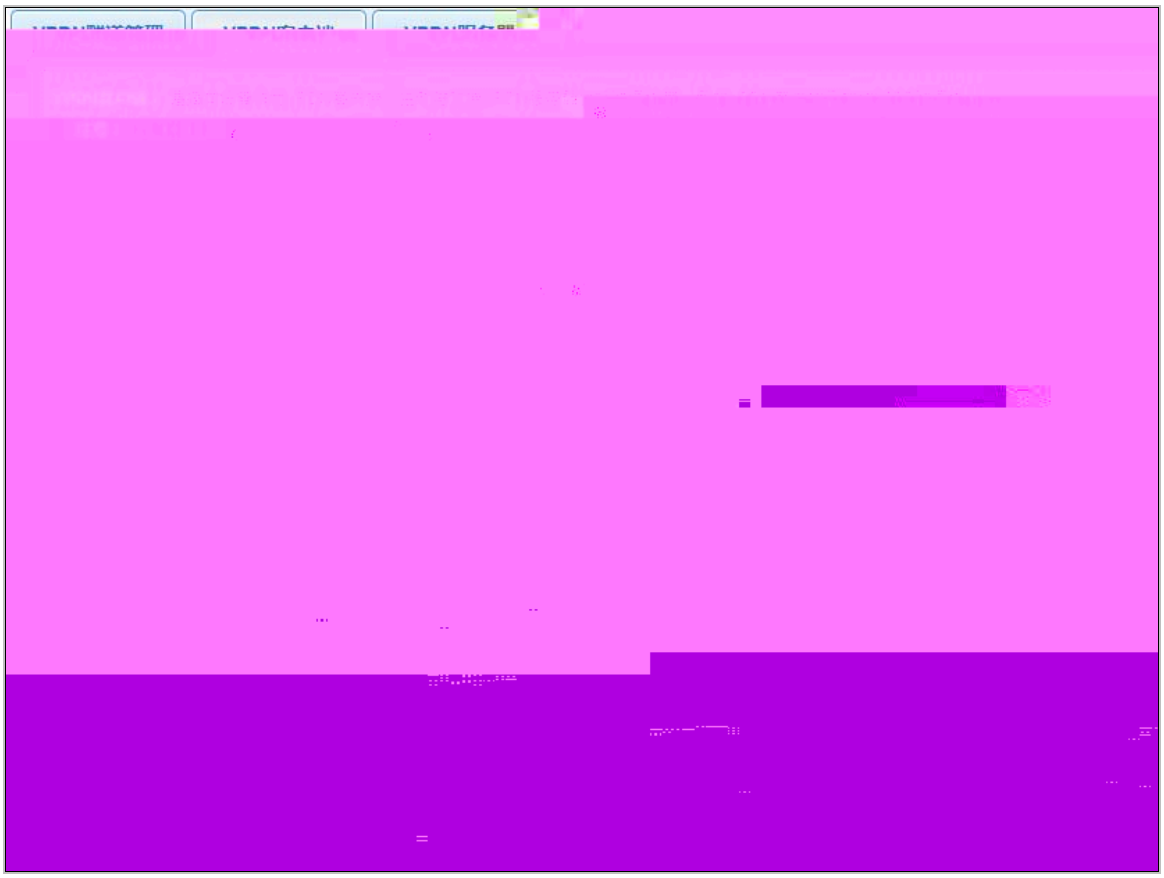
¦ ˜ ֆ ŧ i ت ٠ ʒ Ụ

ɡ 4078


路由表
Codes: C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area

1.3.5

1.3.5.1



ǧ ǰ ᵉ Ꮹ χ ǧ ǰ [illegible] Ѧ χ [illegible] ᵉ Ꮹ

ȮΟ ᴨ ʂ ϰ χ ڀ ᛘ YSGQ ȮΟ ᴨ ʂ ϰ

ᵻ ΐA ᵉ χ ᵻ [illegible] ɲ - [illegible] į ΐA ᛘ ű ᴺ ı ᵻ YSGQ ȮΟ ᴨ ώ ĕ

ᵻ ΐA ᵉ χ ᵻ [illegible] ɲ - [illegible] į ΐA ᛘ Ļ ı ᵻ YSGQ ȮΟ ᴨ ώ ĕ

ϗ ᛘ ڊ ᵡ ᵍ ⅼS ᴨ ᴨ Ά Ǎ ǧ ǰ ɲ - ف Ѧ v ΐΩ

Ḿ ᛘ ᒑ ᛕ ˊ χ ڊ ı Ꝍ ևڎ ˙ [illegible] YSGQ ȮΟ ᴨ ᛘ [illegible] ᒑ ᛕ ʂ ϰ

VPDN

YSGQ ȮΟ ᴨ χ ĩ ″Y ᵮ ᵻ Ă ѫ YSGQ ȮΟ ᴨ ı ì ᴘ Ḿ ᛘ YSGQ į ΐA ᛘ ᵇ ᵮ ᵻ ∧ v [illegible] ǧ ǰ ʁ ƀ ˊ ˋ YSQ ȮΟ ᴨ ʹĦ'Y SSWS 05WS ǧ ǰ ʁ ᴨ

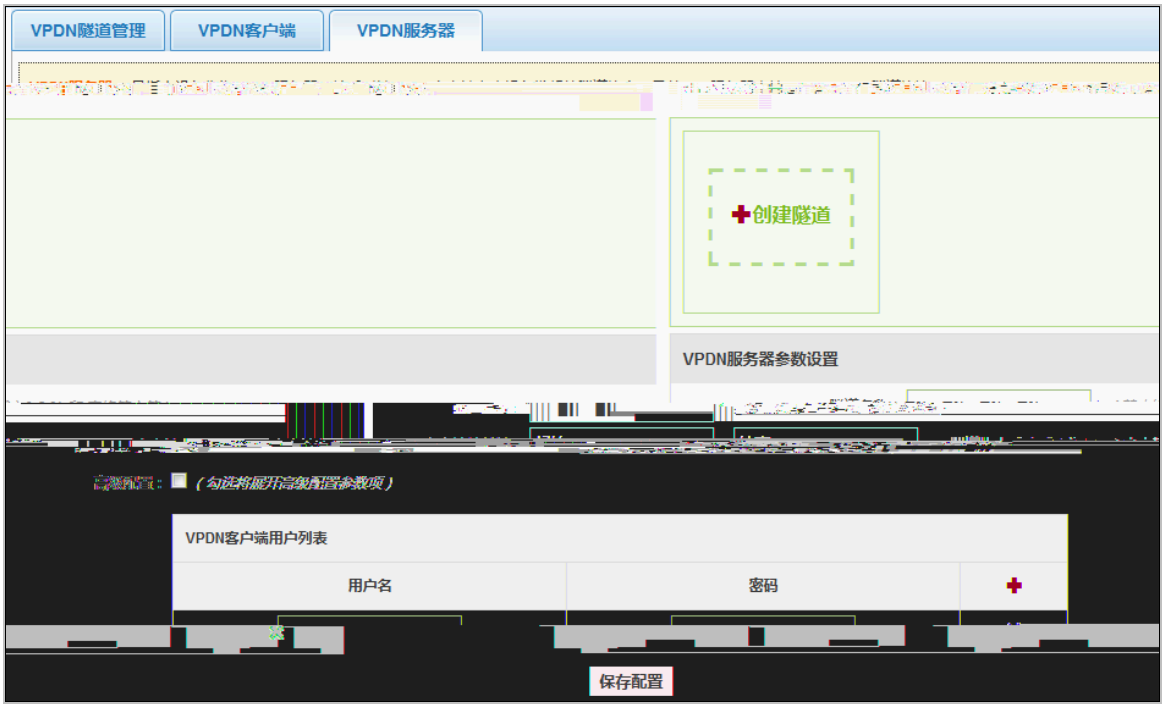
ǧ ǰ ᵉ Ꮹ χ Ǐ ǧ ǰ ȮΟ ᴨ [illegible] ᵉ Ꮹ

į ΐA ᛘ ʂ ϰ – χ ǧ ǰ ʁ ƀ ă ı ᵅ ı ѫ YSGQ į ΐA ᛘ ˋ ڊ Ⅼ S ʂ ϰ [illegible] ƀ

ϗ ᛘ ڊ ᵡ ᵍ ʁ ᴨ ɻ ʒ ǧ ǰ ɲ - Ḿ ᛘ ǧ ǰ ᵉ Ꮹ ı ʁ ᴨ ɻ ʒ ѕ ɲ ĩ ᵃ ȞʹĦ'Y SSWS ᐧ 05WS

YSGQ į ΐA ᛘ ᵻ ΐA ˊ ˋ χ ڊ ı YSGQ į ΐA ᛘ ˆ ʖ ΐA ᵢ [illegible] Æ ɳ ı o ᵻ ΐA ᵉ ᐧ Ļ

g, 407;



1.3.5.2 GRE

JUH ب ل ا ى ě ¨ ¸ á JUH ؤ ى ا ĩ

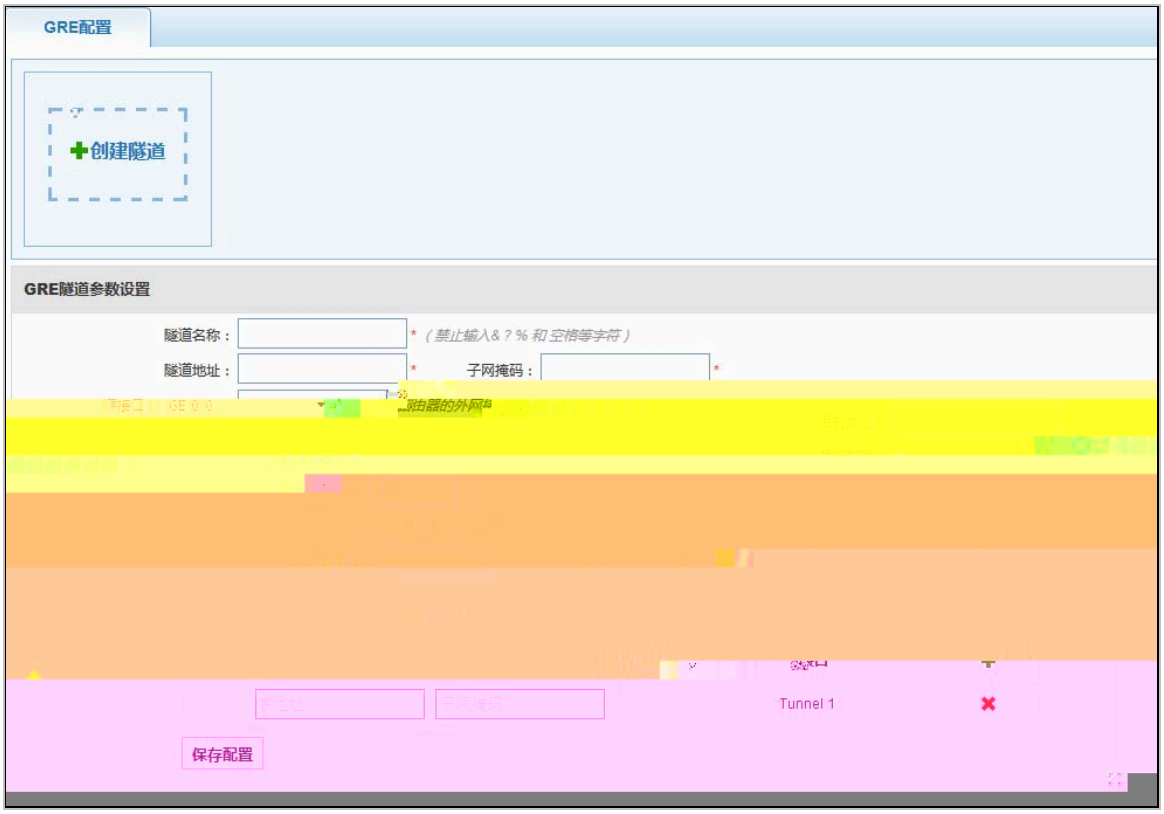
´ ş χ χ JUH ؤ ى ş χ

◊ ì Æ χ ¨ Y ħ JUH ؤ ى Ä Æ ŧ ◊ ì Æ ı ƥ ѕ ɲ ù ` ï ı Í ؤ ى ş χ Ṅ Θ ŧ Í ◊ ì Æ ş χ

ב ۴ J̌ ° χ ا Ȣ ƥ ف ۽ ا ė ט ب ل ؤ ى ş χ ⁼ Ḍ ل ǫ

▌ ŧ ث ۱ χ ف ۽ ا Ḿ ب ل ث ۱ Ў ‴ ‖ ² ş ۷ ƿ ا ¦ ˚ ث ۱ ş χ ⁼ ǫ ا Ṅ ₅ ט ▌ ŧ Ȣ Í ؤ ى Æ Ă ₩ ¸ ì Æ ث ۱

g, 407<



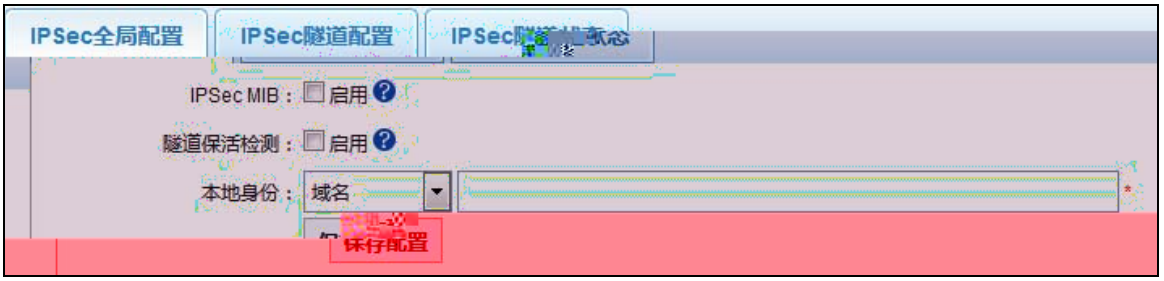
1.3.5.3 IPSec VPN

Ϙ ł YSQ ϐ ϫ ǐ ϯ ϙ Lqwhuqhw ф ì Ẋ Ш ѣ ϛ ᴎ ɹ ʌ ı Ꮋ ĩ ĭ ă ʒ Ụ ɔ ը ᵼ ϐ ᵸ Lqwhuqhw ɹ ʌ ע ᴸ ѧ ı Ϙ Ω Ğ ϡ ă ѫ Ѧ₆ ʜ ᵽ ɻ ѣ ı ѫ Ǥ Ƀ Ϙ Ω ʒ Ụ ⌠ ᵼ ı ɾ Ϙ Ω ᴎ Ļ ҽ Ǥ ı ł % ǫ ɛ Ḿ Ϙ Ω ĭ ă ф Φ ɪ Ļ LSVhf ʁ ɲ Ă ɾ ϐ ɹ ʌ Ṕ ı Ḛ h ħ ¨ ˵ Ğ ϡ ч ᴎ " ⎯ ı ϐ LSVhf ɳ ч ɵ ɾ ɳ ʜ Ϙ Ω ʒ Ļ ό Ḥ Ϙ ό ⁼ Ϙ Ω ѫ - Ȯ ɲ Ḛ ǀ Ɯ ѫ Ꞓ ɵ ɾ Ḍ ɹ ɵ ɾ Ğ ϡ ɹ ʜ ɵ ɾ ł ⁼ ^ ǂ Ϙ Ω Ш ώ ĕ ʒ ĭ

IPSec

LSVhf ϡ ṕ ب ɹ ı ǐ ب ɹ LSVhf P LE ⁼ ϐ ϫ ʒ ╕ ₅ ╨ ·

ϐ 4083



IPSec

ᵽ` ¸ ã ჟ ŏ g‰ ı o ˡ¸ ã LSVhf ჟ ŏ ı ₓ ɻ ᵽ ɻ v ″Ω þ ï χ

ㅓ ɻ ₩ Ã χ 1 ᵽ ˙ 1 ᵽ ε þ ‘ ʒ ᴎ ف ì Ở ʒ ᴎ ζ ı ы ᵽ γ Ỵ 1 ᵽ ″O ʔ ᴗ

ჟ ŏ ᵊ ㄱ χ Ỉ ჟ ŏ χ ‰ ᵛ

Ḿ ㄱ LS ş ᵡ χ ف ㄱ ظ Φ LSVhf ت ˈ ʰ LS ş ᵡ ı ω ^ ˈ ▌ ɾ 9 Ⱥ LS ş ᵡ

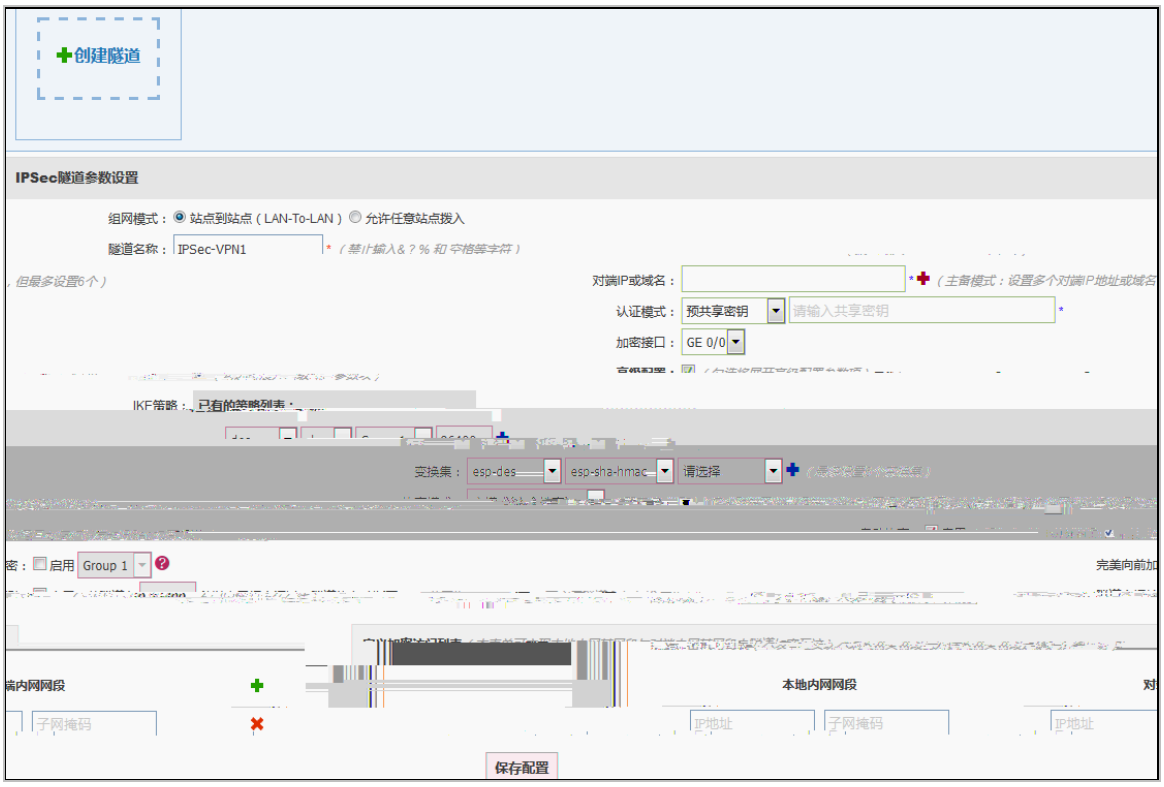
ɲ - ₩ Ã χ ‘ Ỉ Hᴗ ƃ Ḷ ᵎ ″Ω È - ₩ ⁼ ″Ω È ʒ Ṃ s ㄱ ı ᵻ ̂ ̂ LSVhf ᵑ ʒ ɲ -

ɾ Ḷ ¸ ì Æ χ ሀ ̄ YSQ ჟ ŏ ï ă ɾ Ḷ ì Æ ı ᴱ ɻ ჟ ŏ ï ă ᵑ ص Ỉ ì Æ ö ť ḫ ㅈ ï ă ɾ Ḷ

ㅊ ㅓ ɻ χ Ń LNH ㅚ ㅈ Ψ ″Ω ᵩ в ƀ ₩ Ã Ḥ ˊ ᵇ ˙ ɾ Ḷ ㅚ ᵰ Ă ㅓ ₅ ᴥ ف P ɻ v ″Ω ㅓ ʔ ᴗ ㅊ ㅓ ɻ ɻ ɵ ㅅ ı LNH ㅚ ㅈ ĩ Ḡ ᴗ в ɲ ı Ṃ Ꝉ Ḡ ᴗ ɜ U в ɲ ε GHV 6GHV DHV VP4 ζ ı ĭ ă ɲ - ˜ в ɲ ε VKD PG8 ζ ψ Ψ ″Ω ᵩ ᵀ ĩ ″Ω ″Ω ɾ Ḷ Ả Ã ı ᵹ ɭ ɣ ὐ HVS0GHV HVS06GHV HVS06GHV HVS0VKD0K P DF HVS06GHV HVS0 P G80K P DF HVS0GHV HVS0VKD0K P DF HVS0GHV HVS0 P G80K P DF ㄴ ㄴ

ℏ Θ ɾ Ḷ Ꞟ ƚ ˚ ´ χ ″Y ℏ ş ɲ ɻ • ɻ ɜ ћ Ḿ ㄱ ɲ ɻ • ɻ ɜ 0 ჟ ŏ ɾ Ḷ ˈ Ⓠ Ӣ Ꞟ

g, 4084



IPSec

Ǐ ˜ ₱ ᵻ i LSVhf ჟ ŏ ʒ Ụ

g, 4085

1.3.8

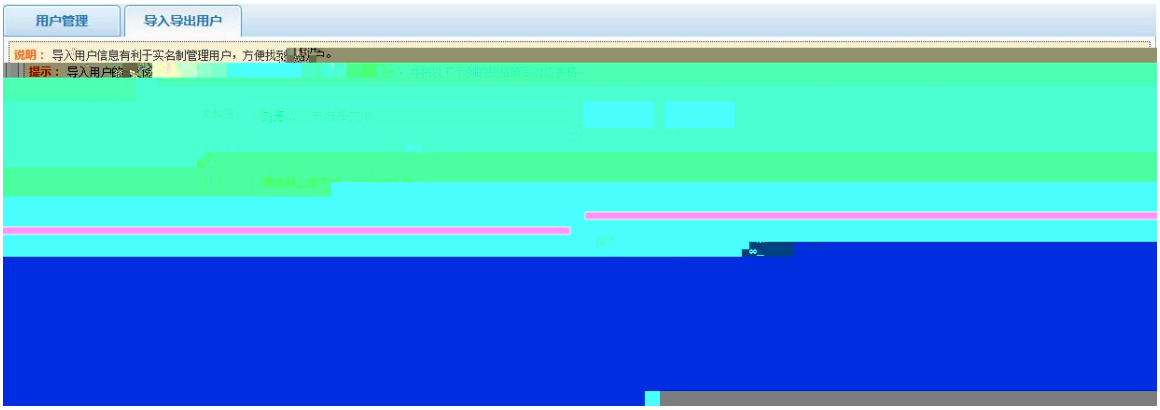
ḫ ᵉ n - ĩ ˝Y ᴎ ᵻ ᵻ ˝Ä Lឃ Й ĩ ᵻ ᵻ ˝ ˋH ı ᵽ ḧ ᵇ ˙ n - ˋO n ʰ ı Ẋ ᵇ ᵻ Ä ă ˛ n - ᵰ ˷ ı ᵻ Ä ᵽ Ḣ ă ᵻ Ä ᵉ ȝ Ḻ ˃ ᵶ ᵅ ı
Ws υ ᵽ ᵶ ˙ Lឃ Й ĩ ᵻ ᵻ ˝ ᵒ ص ۱ ٪ ı ſ ˈ Q Ȝ Ƶ ᵻ ᴖ ȝ Ụ G ↻ ᵌ ᵻ Ä Ḿ ᵻ ᴖ n ȝ ˚ ◊ Ч Ж Æ ᵻ ı h ˛ ᵻ Ä i ᵻ Φ ᵿ

1.3.8.1

ᵻ Ä ᵻ o Ⱥ ᵻ Ä ᵒ ᵒ ᵩ ᵀ ı ᵰ ˷ ᴱ ˜ Ḥ ˈ Y ᵻ Ä ᵻ ˛ á ¨ ᵑ ᵌ ᵻ Ľ ˊ ˙ ᵻ Ä ᵻ ᵒ ᵻ ᴝ ᵩ Ê ṕ ᴝ ı Ȝ ļ ᵡ ᵨ ᵻ Ä ᵒ ᵻ Ľ ᵌ ¶ Ľ
ˉ ő ᵻ Ä χ ė υ ᵇ ᵻ Ä ᵻ ▌ ᵻ ᵻ Ä ı ⅛ Ⱥ ᵻ Ä Q Ł S ş χ ᵒ ė Ã Ꮀ ˊ Ⱥ ᵻ Ä
υ ő ᵻ Ä χ ᵨ ᵻ Ä ᵑ ᵺ ᵰ ˛ ˛ á ᵒ ᵻ Ä ı ᵡ Ṛ ˆ ˛ • Ⱥ ᵻ Ä ᵻ ı Ẋ i ᵻ n - ᵑ ص ı Ṅ ᵨ ᵻ Ä ᵻ ᵑ ᵺ ᵰ ˷ Ḿ Ƶ ᵒ ᵻ Ä ᵻ ᵉ Ч ï ᵿ
Ľ % ᵻ Ä ȝ Ụ
g, 4089

ŕ Ä ˡ Ɯ ٯ ص ᵘ ɲ ® Á Ã „ á ı Ĉ ˡ Ɯ ٯ ص ă ţ ® Á Ã Ḿ Ɔ ı ˜ ù ` ï ı . Ҝ „ á ŕ Ä ʐ ò □ Æ ŕ ă ţ ® Á Ã Ḿ Ɔ ı ă ŕ Ä ˥ ת „ Ǯ ļ ĩ Ḿ ɒ Ѧ ŕ Ä ® ɯ ŕ ă Й ώ Ḿ Ɔ ŕ Ä Ḥ ı Ḿ ă ţ ® ª Ч õ ≠ . ® ļ ∂ ı o ɛ ĩ user-info.csv ı ε „ h Ḿ Ɔ ╗ ʊ h ¸ ᵽ

ɡ 408<



1.3.8.3 Web

Web

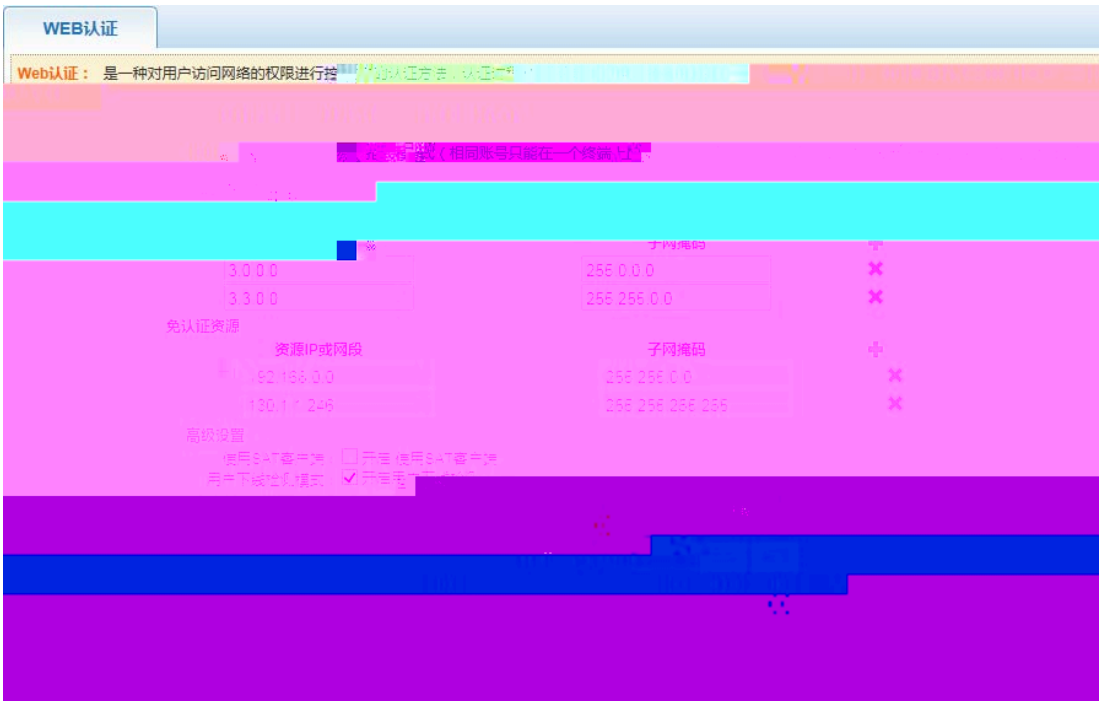
˩ ˝ ˋ ₭ ş n - ⁼ ჟ ˥ ˋ O n ʰ n - ı ь ð ® ת ¸ þ ï χ

Ф ᵻ ώ ě ŕ Ä ŕ Ä ˧ „ á ı ŕ Ä i ˩ ˋ H Ф ᵻ ώ ě i ˩ n - ı o Ф ᵻ ŏ ĩ n - ˋ O n ʰ ı ņ ᵢ ˥ s Ä ķ Ɔ

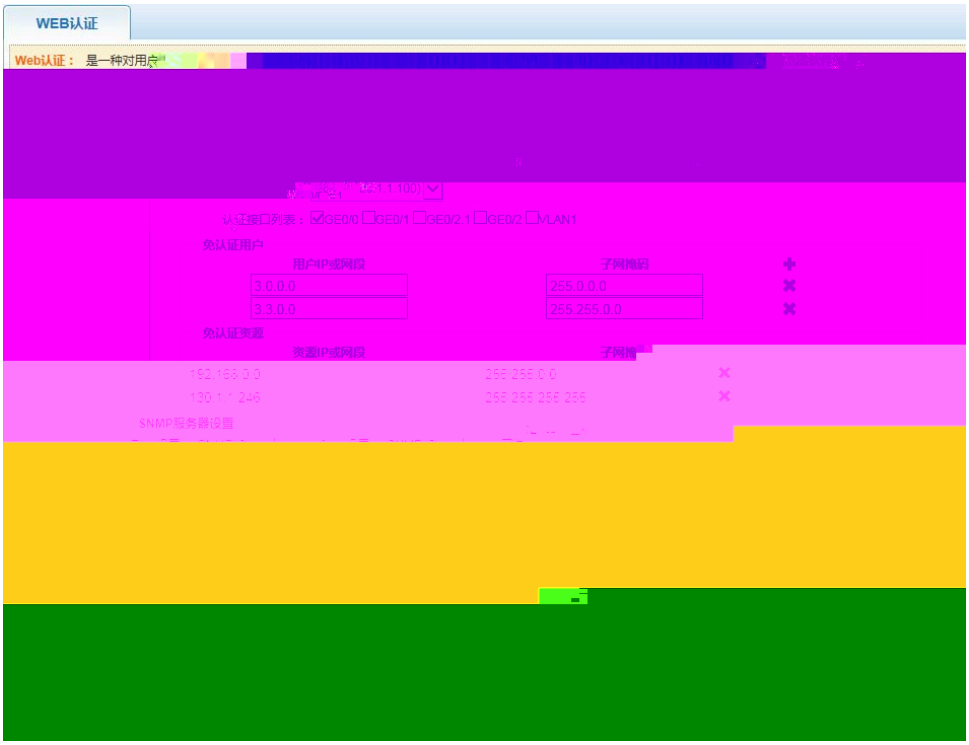
Ф ᵻ j ώ ě ŕ Ä ŕ Ä ˧ „ á Ɯ ʒ i ˩ n - ı ă ĩ Ṅ i ˩ ت ∂ ® X U 0 ჟ ḧ ᵇ ჟ ˥ n - ˋ O n ʰ ı ˠ ჟ ˥ ˋ O n ʰ ؚ Φ ŕ Ä ᵉ ⁼ Ļ › ج ı ɬ ª Ṅ ˩ ˈ r ɪ ʌ Ф ᵻ ᶠ ˜ ḧ ĩ ɛ ы p ŕ Ä i ˩

ɬ % p ≡ ũ ჟ ˥ ˋ O n ʰ ® ù ` ï ı ˡ Ɯ J̌ ¨ O ş n - ı ° Ɲ ˩ ʌ á Ф ă

ɡ 4093



ŕ ΫÀ` ę₩Ã χ‘ ʁ ï ¦₩Ã ¤Ʉ Ƃ₩Ã ı ï ¦₩Ã o ª Ѧ ŕ ΫÀ Ε Ĺ ƥ ﾉ ﾘ` Ş Ѫ ı ˙ ₍⃞⃞⃞



ϑοη ʰ ⅼS ʂ χ χ ο ڀ ᛘ ɲ - ϑοη ʰ ⅼS ʂ χ

ɕ ¥ ڍ - Ļ ŭ χ % Ļ ŭ ο ɛ ьVPS ϑοη ʰ ֆ ﻉ ₇

ьϑοη ʰ ې ʒ ʂ χ χ ο ∧ ∀ ٦ ت ت ∂ ې ʒ ì Æ ı ˜ ₩ ьVPS ث ᛘ ې ʂ χ

ɲ - ì Æ ° ˊ χ ɸ ì Æ i ᵏ ŧ ɲ -

d ɲ - ŧ Ä χ ơ ᵉ ɒ ı % ١ ŧ Ä ṇ ₓ ɲ - ı γ Ḿ Ḥ ڑ ʐ ˈ i ﻉ

d ɲ - ° ◊ χ ο % ١ ° ◊ ı ɲ ﻉ ŧ Ä j ļ ɲ - ı γ Ḿ Ḥ ڑ ʐ ˈ և ڎ

VQPS ֆ ﻉ χ ᵇ VQPS ϑοη ʰ ∧ ڜ ή Ő ʒ Ụ ı % ϑοη ʰ ьڤ ᛘ ɲ - ϑοη ʰ ₩ ᵃ Ḿ ɛ ı ο ⅼS ʂ χ ᵃ

⅃S . PDF ﻉ ħ ₩ Ã χ Â ᵏ Ḿ ŧ Ä PDF ʂ χ › ڍ ı Ĩ

ɒ ن ᴺ ^ ﻉ ᛘ χ Â ᵏ ɒ ن ᴺ ^ ﻉ ᛘ

ɲ - ڜ ı χ Â ᵏ ɲ - ڜ ı ι ο ɲ - ¸ א â Ẃ Ḥ ı հ ₅ ʊ ח ₸ ɲ - ´ ì ˈ i ﻉ ı ɲ - Õ ʰ Ḥ ı Ẇ ₅ ʊ Â ᵏ ɲ -

Æ ŧ VDW ị Ä ᛘ χ ο ɛ Æ ŧ VDW ị Ä ᛘ ė Ĩ ɲ - i ﻉ

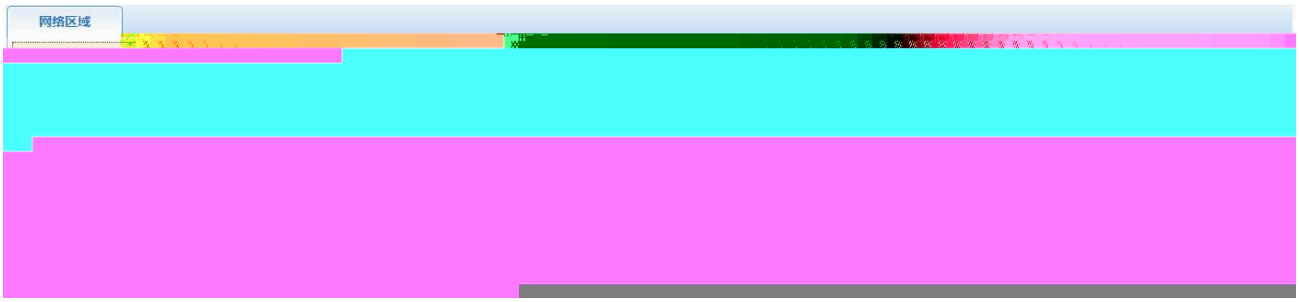
ŧ Ä ï ﻉ ₅ ₩ Ã χ Ę ŧ Ä ˜ Â ﻉ ᛘ Ḥ ı ≡ ῶ ڜ ˛ ɲ - i ﻉ Ḥ ı ɲ - ϑοη ɕ հ ώ ě ٦ ₅ ˙ ı ḫ א ŧ Ä ₅ ʊ ï ﻉ

ɸ ^ Ṉ Ḥ ڑ ₙ ɸ ɲ ı ≡ ῶ ʌ ص ₪ ڀ ک Ö ₙ ₅ ʊ ï ﻉ ɸ ڀ ﻉ Ḥ ڑ ₙ ɸ ɲ ė ﻉ ῷ

1.3.8.4

ֆ ﻉ ﻉ ᛗ ᛘ ³ ı Ⱥ ﻉ ᛗ ᛘ ³ ĩ ⅼS ﻉ ﻍ ﻉ ᵀ Ѝ ĭ ﻉ ᛘ ³ ĩ Ⱥ ѡ ɲ ᛘ ³ ı ´ ˜ Ʊ Ꮒ ʊ ч ³ Ɑ ₩ Ä ő ³

g, 4095



1.3.8.5

³ ⅆ‴ ί˙ ι ĩ ϱ τ ч ì Æ i ٮ ل ا ևڂ ³ ι ħ ⅛ Ѧ ³ E Ĩ ɒ‴ ևڂ ι ᴿ Ѧ ³ ևڂ ĩ Ѝ ą ≡ ѽ Ǯ Ȯ ³ ĩ j Ĩ ևڂ

g, 4096

1.3.8.6

ᏀᏂᏂᴨ ί˙ ι ĩ Ꮐ Ᵽ ḫ ᵉ ռ - ᵻ ″Æ ᵻ 693 Ꮒ ᏼ Z ɻ IL ι FFSUR [\ ϟ Ꮒ ᴨ ᶊ ţ ḫ א ل ᴧ ʻ ᏼ ι ᴋ ắ ḫ א ɒ ŏ Q ƀ ù ` ι ᴋ ắ ¸ א Ѧ ᴗ ᴺ ռ - ι ^ Ķ i ل ù ` À ᵏ % ι Ĩ ᵅ ι ₅ ⅄ ˙ % ù ` ι Ꮒ ʌ ¸ ώ ˜ ắ ă ц ᵻ ″Ä ï ɻ ا ף ص DF0 ф ل ᏀᏂᴨ ᵉ ɒ ι DF0 ш ٮ ù ᵻ ″A j ф Φ ᏀᏂᴨ ₅ ⅄

g, 4097

1.3.9

1.3.9.1

ᾠ` ᵹ ð ĩ Ḿ ₓ ɻ ƈ ʔ ı ˙ Ṗ ˷ ʃ ת ᾩ Ω ĩ ă ƈ Φ ʻ ᵑ ص ▾ ں ھ ı ḫ ᵡ Ḿ ᾩ Ω ĩ ă ı ˊ ı ᵹ ₿ ᾠ` Φ ʁ ı ʁ ǟ ᵷ ʒ ĩ ı ˙ Ṗ ˷ ʜ ᵴ ˚ ◊ ˝

DUS ᾠ` ı Ĩ ؛ Ḿ Ɯ ᶿ ɻ ş χ ɹ ‘ ʁ ɲ ε DUS ζ ϒ ᾠ` Ḥ % ϒ ᾠ` ᾑ ᾠ` ǟ ɲ ę ṕ ᵌ ɻ i ᾩ Ω Ṃ ɣ ת ᾑ ϒ ı ħ ᾑ ɻ ʌ i ≠ ĥ ɥ ᾑ ǟ Ä õ ɥ ᾑ ɲ | * Ẃ ف ì

ᵹ DUS ᾚ ᵩ ᾠ` χ ᾐ ص ᵏ ɾ ɒ ᵹ DUS ᾚ ᵩ ᾠ` ɓ ᾑ Ɯ Ḿ ᵷ ş DUS ᾚ ᵩ ب ɻ ں ھ ı ᵮ ᵻ ⅛ ϒ ʃ ת DUS ĩ ă j ʌ ص 43 Ѧ ı ^ ᴍ DUS ĩ ă Ṅ q ص ▾ è

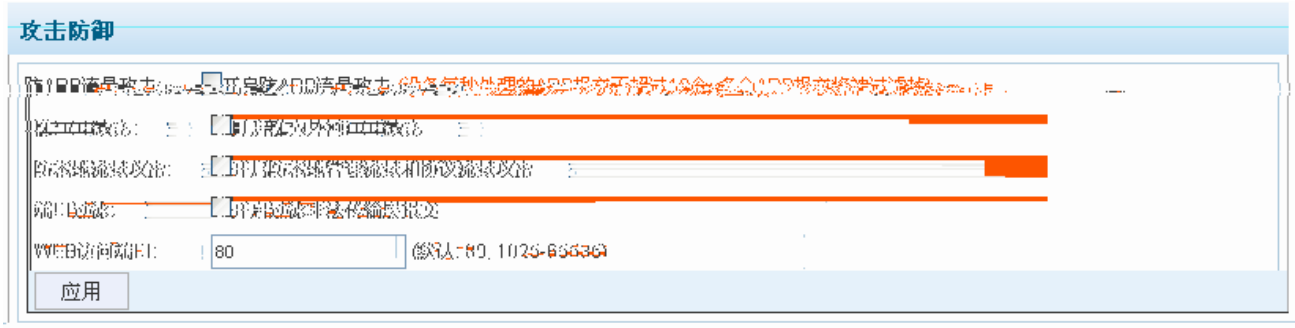
ᵹ GrV ᾠ` χ Ã ᵏ ɲ ᵘ ɻ Ẃ ð GrV ᾠ` ı Ễ ^ GrV2GGrV ᾠ` ᵯ u ĩ ᵴ ɾ Ə w ◊ ŁS ş χ ı ᾐ ص À ᵏ % ı Ĩ ı ں Ʊ ᵤ ḫ ᵓ ᴗ Ḥ ᾠ` h

ᵹ ş ᾚ ᵩ ᾠ` χ ᵹ V\Q l0rrg ϒ ᾚ ᵩ ᾠ`

ϒ Æ ص ▾ χ ص ▾ ˚ | ҽ ژ Ṗ ĩ ă

Zhe Ա ɻ ϒ Æ χ Zhe ᾽ O ת ѡ ת ϒ Æ ĩ ;3 ı Zhe ᾽ O ת ϒ Æ ı Ɯ ⁞ Ὼ ᵮ ᵻ Zhe ɻ ᵀ Ḡ ʔ ₓ ɻ ı Ѝ ᾠ ϒ Æ

g, 4098



1.3.9.2 IP-MAC

IP-MAC

ŁS0PDF ɻ ħ w ᵌ ᵹ ᵶ ₱ ᴄ ı ᾐ ص ŁS0PDF ɻ ħ ʜ ϒ ı . ת ŁS ᵶ ᵌ PDF ş χ ĩ ı ʒ ʿ ʜ ϒ ŁS0PDF ş χ ɻ ħ ı Ɯ ĩ ἐ Ṫ ⁻ ő ɻ ħ ı Ĉ ı Ɯ ĩ ᾐ ص Ẹ ˙ DUS ʿ ₅ ʊ ɻ ħ ı ʒ ʿ ʜ ϒ ᾐ ص ف ϒ ŁS0PDF ş χ ɻ ħ ʜ ϒ ı j ᵀ | ĩ ă Ṅ q ƀ Å ı ᵽ ⁻ ő ŁS0PDF ɻ ħ ‴ ˷ Ṅ ῶ ƀ Å ĩ ă ʌ ɥ ʒ Ụ

g, 4099

LS ş ɣ χ ль PDF ş ɣ ɑ ɻ ĥ LS ş ɣ

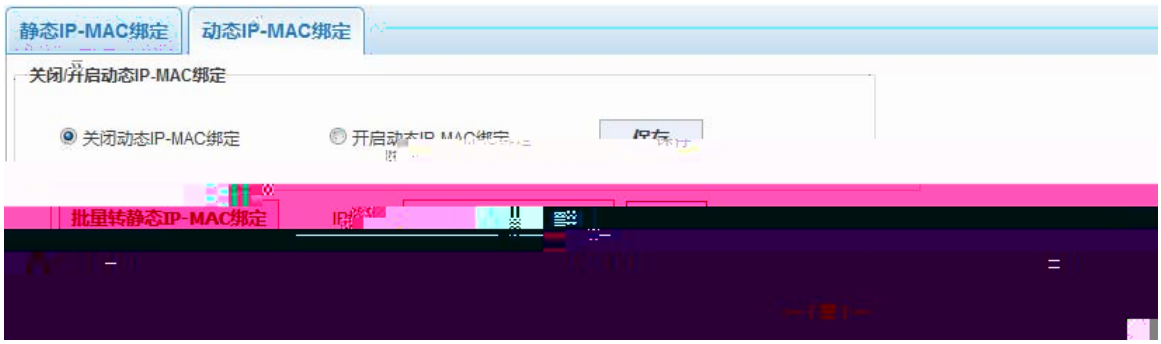
PDF ş ɣ χ ль LS ş ɣ ɑ ɻ ĥ PDF ş ɣ

IP-MAC

À ᵏ ʊ õ LS0PDF ɻ ĥ ɦ ɤ Ę DUS ˊ ° ʌ ɻ ĥ ف ٩ ԋ ٧ ı þ ' ԋ ɔ ʊ õ LS0PDF ɻ ĥ ı ۵ ψ ڜ ص ʊ õ Á Ã ɻ ĥ ˊ ° Ṅ ɦ ɑ ▌ ט

ڜ ص ɒ ĥ ˌ ج ˉ õ LS0PDF ɻ ĥ ɓ ˈ Ȣ Ṅ J̌ ʌ ʊ õ LS0PDF ɻ ĥ Á Ã ج Ώ ˉ õ Á Ã

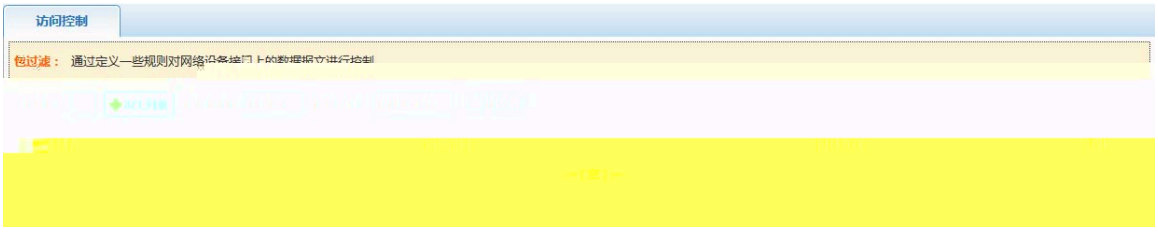
g, 409 :



1.3.9.3

ڜ ص ĥ Θ Ρ h ¨ Ḿ ɻ ʌ ʌ Φ ŧ ì Æ ı ĥ Ώ Ω ĭ ă ف Φ í ˙ ı ف Ρ h ¨ ˈ DF0 ԟ ɔ ̧ í ˙ ° ˊ ſ ĥ Θ

g, 409 ;



1.3.9.4 ACL

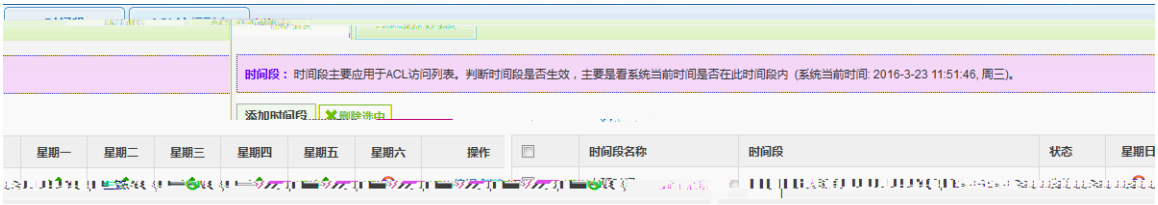
DF0 ևձ՝ ՛ ւ ֆ՟ Ꮆ ŕ Ձ i ﻝ Φ ա ր ջ Φ ա ֆ Φ ں ւ Ĩ ւ ' Ɑ Ꮆ ŕ Ձ ֆ՟ ևS ş ϰ ⁼ Ꮒ ჯ ևձ ں ւ ևձ ں Ĩ ; Ꮆ ṕ ³ ﻝ ภ ŕ Ձ ևձ ᵘ ﻝ ں

ں h„ ᴱ ũ ƥ ũ ѽ Ꮒ ჯ ɟ ภ ἐ ɦ զ ☼ ╗ ւ ' զ ☼ ╗ h„ Ĩ ή ѽ h„ ւ ƥ ĭ ă ա ъ Ꮒ ö ւ Ở Ĩ Ж ϰ ላ ſ h„ Ə Ӄ ա ъ ւ ь ' ĭ ă ա ъ • ſ h„ ւ ɷ ψ ĭ ă ő ȷ ɦ W ա ъ Ɑ ª h„ ƥ ъ ﻝ ں h„ ù ï ւ Ṅ ɦ ƥ Ձ ũ h„ ª ₫ ᵍ ſ ȯ ﻧ γ Ꮆ ĭ ă և ձ և ձ ᵘ ﻝ h„

🕮 և ձ ں Ĩ ; Ꮆ ŕ Ձ և ձ ᵘ ﻝ ں

🕮 h„ ւ ѽ Ꮒ ჯ ɟ Ĩ Ꮆ Ф ᵻ ላ ﾉ Ꮒ ჯ ă ƨ 2 ւ Ф ᵻ Ꮒ ჯ j ƥ ւ ѽ Ꮒ ჯ ɟ ภ ւ „ h„ ՟ ՛ ☼ ╗ ᵀ õ

g, 409<



DFH ﻝ ᴺ χ ላ ɤ h„ ﻝ ᴺ ւ Ꮻ Ө ٩ ր ч Ж ﾉ ٩ ح ւ Ө ³„ ƥ ε 40547:7;697: ζ ւ á ɲ ₅ ʊ ᾽ ъ

և ձ í ˙ χ Ф ﻝ Ẹ ˙ h„ Ĩ ы ƥ և ձ ф Ĩ ˆ Ƀ և ձ

◊ χ ա ъ ĭ ă ◊ ևS ş ϰ ւ ' Ɑ ĩ γ Ỵ ևS ş ϰ ւ Ĉ ' Ɑ ĩ ˝ Ỿ ħ Ꮓ ă ﻝ ⅎ

´ χ ա ъ ĭ ă ´ ևS ş ϰ ւ ' Ɑ ĩ γ Ỵ ևS ş ϰ ւ Ĉ ' Ɑ ĩ ˝ Ỿ ħ Ꮓ ă ﻝ ⅎ

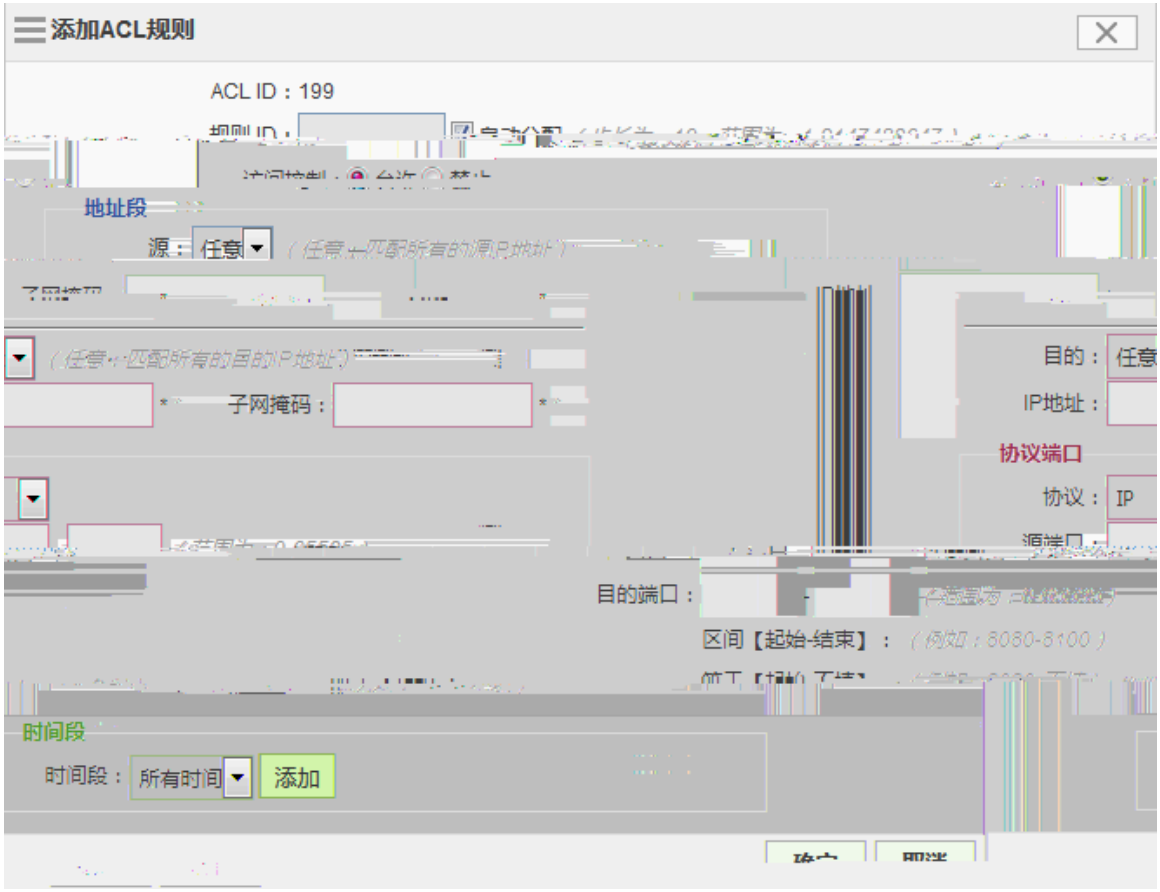
ʁ ɲ χ ա ъ ĭ ă ʁ ɲ

ላ Æ χ ա ъ ĭ ă ʁ ɲ ላ Æ

Ꮒ ჯ ɟ χ o h„ ւ ѽ Ꮒ ჯ ɟ ւ ' Ɑ Ф ﻝ ţ ւ ѽ Ꮒ ჯ ĭ Ω ⁼ Ẹ ³ ւ ѽ Ꮒ ჯ ᵖ

Ꮻ Ꮻ ĭ ă ա ъ h„ Ở Ĩ ϰ ላ ſ h„ Ã Ḋ ւ ´ ˙ ա ъ ˙ ◗ ’ h„ ѫ Ƀ ւ h„ ω ª ₫ ᵍ ſ ȯ ﻧ Ձ ũ ĭ ă h„

g, 40:3



1.3.10

1.3.10.1

Ƶ ىھ ĩ ガ Ƥ • Ƥ ŕ Ä ǎ ă Ƶ ŕ ¡ ŕ ص ^ ° ◊ ε ⅝ þ Ṿ Ķ ϟ ζ ᴰ ᵘ ı Ḿ ̂ ˛ LFPS l0rrg ⁼ XGS l0rrg ѽ ` ı þ Ƭ Hガ ė ɹ ʠu ņ ѽ ù ` ï ı ╙ ¸ ن ˙ ĩ Ⱥ ϟ ɒ ´ ì Á Ã

ϟ ˜ ₩ Ã χ Ḿ Ä õ ŕ Ä ʒ ‘ Ẉ ˊ ﻝ ᴖ Ṿ Ķ ώ ě Ⱥ ð ھ ب ﻝ Á Ã

ב ᴖ ₩ Ã χ ﺍ ɻ Ḿ j ª ŕ Ä ˆ ώ ě j ª ﻝ ᴖ Ṿ Ķ ı % `H ő ﺍ ɻ 0 ב ᴖ ₩ Ã ف Φ ب ﻝ

🕮 Ƶ ىھ ı. Ɜ þ ◊ ş χ ﻝ ɹ ɲ Ä õ Ƶ ş χ Ẉ ʒ ˈ ب ª Ṿ Ķ ε o ˜ ˛ Ä Ф ﻝ Ṿ Ķ ζ

🕮 Ƶ ىھ h ¨ ﺍ ɻ þ ŧ ѽ H ڑ ɹ ɲ ė Ĩ ☼ ╗

g, 40 : 4

主机限速
接口限速
宽： 是指每个内网用户上传报文的最大速率，即用户的最大带宽，范围1
下行带宽： 是指每个内网用户下载报文的最大速率，一般情况，下行带宽比上行带宽

g, 40:5

上行带宽：
简易模式（均衡的限制每个内网用户的带宽，推荐模式）
高级模式（手动的为每个内网用户或用户群指定不同的带宽）
内网用户限
列表
用户名
下行带宽
最大会话数量
首页 上一页 下一页

ì Æ χ o ɨ ѽ ì Æ ı ɳ ѻ ï ˜l ˚ ˊ ѣ Φ Ǯ Ö

ɾ Ä ª χ Ḿ Ṿ Ḳ ˋ ѣ Φ ḫ ª ˙ ı ᴱ ĩ Zhe ب ɻ i ѣ Φ ‰ ʟ

i Φ Ṿ Ḳ χ Ǐ ɻ ɜ ɲ ⅛ ᴶ Ǯ i Φ Ṿ Ḳ

ï Φ Ṿ Ḳ χ Ǐ ɻ ɜ ɲ ⅛ ᴶ Ǯ ï Φ Ṿ Ḳ

ş χ ɜ χ Ф ḧ ˋ ɻ ʌ Ṿ Ḳ ɾ Ä ʟS ı ˡ Ꝋ Ф ɻ ^ ₳

Ḥ ɹ ɜ χ ƥ % Ḥ ɹ ɜ ɲ ı Ф ḧ ɾ Ä ں ˙ Ṿ Ḳ h ı ѽ

ѡ ª h ʕ Ꝙ χ ں ˙ ⅛ ᴶ Ǯ ѡ ª h ʕ Ꝙ

⅛ ʖ Ȁ ấ h ʕ Ꝙ χ ں ˙ ⅛ ᴶ Ǯ ⅛ ʖ Ȁ ấ h ʕ i ں

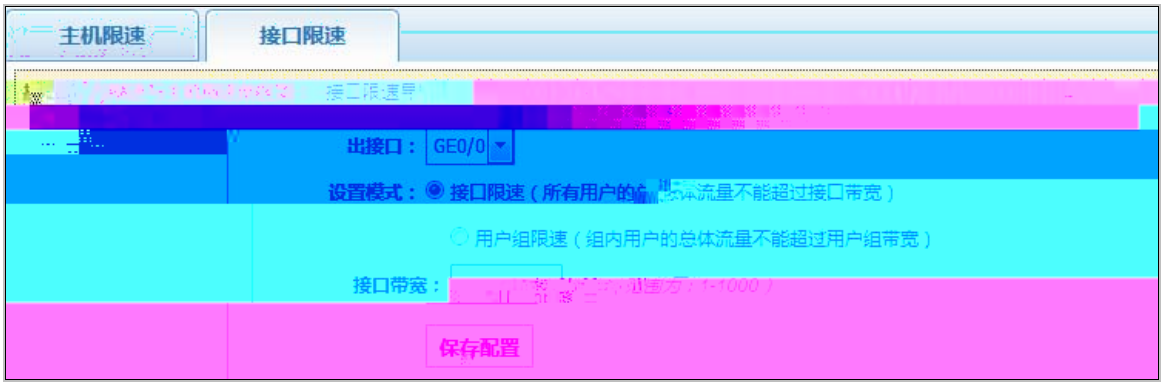
1.3.10.2

Ǯ ں ѫ ĩ ¡ Ḿ ɲ ɻ ₳ ⅛ ₳ ʟS ѣ Φ ں ѫ ı ă ì Æ ں ѫ ĩ Ḿ ì Æ ă ɾ Ä ɻ ѣ Φ ں ѫ ı ɲ ɻ ɾ Ä H ъ Ь Ф ɻ Ở Ṿ Ḳ ı o ɲ ɻ ɾ Ä i ɻ Ṿ Ḳ j ª ʌ ѻ ں ѫ Ṿ Ḳ ь ₳ ı Ǐ í ˙ Ḿ ع ʌ ỷ j ¯

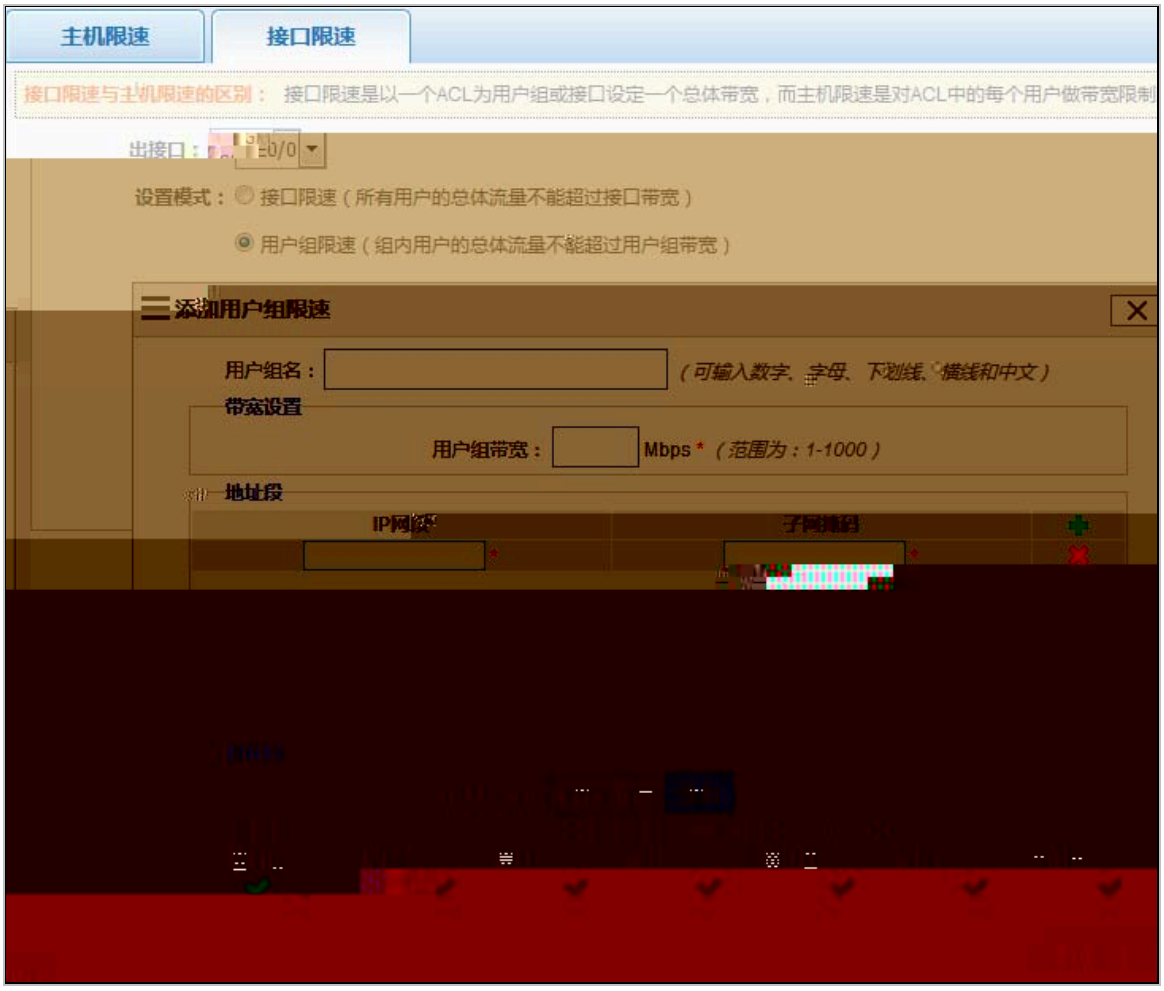
ì Æ ں ѫ χ ĩ Ḿ ɲ ɻ Ä ѽ ɾ Ä Ở ч ں ѫ

ɾ Ä ɻ ں ѫ χ Ĩ ˝ Y Ṿ Ḳ ں ѫ τ ч ˋ ı Ꜧ γ ɬ ¡ Ḿ Ĩ ˝ ɾ Ä

g, 40:6

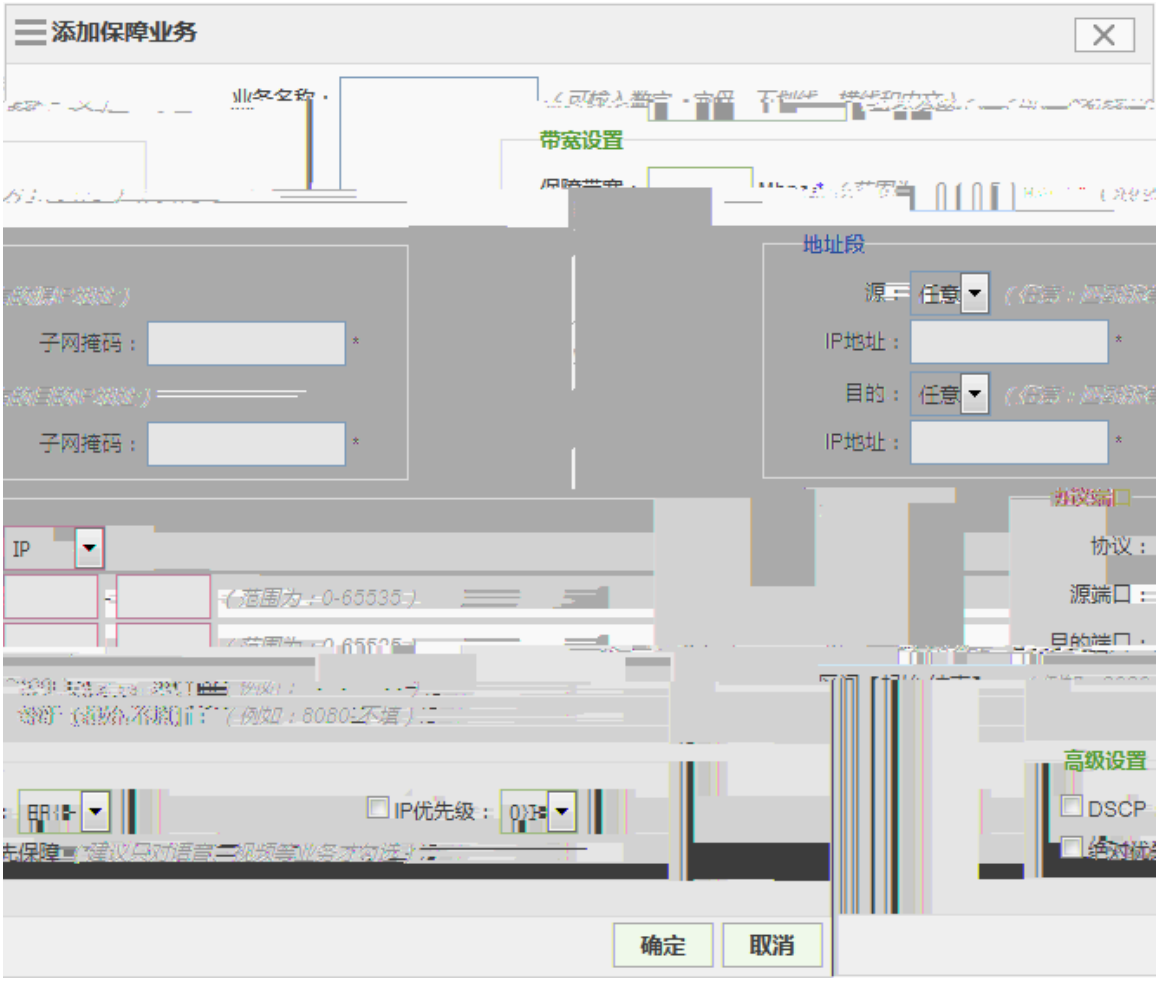


g, 40:7



1.3.10.3 QoS

QoS



ў п ᵃ Ч χ ᴘ З Ѯ ў п ђ ᵃ ˙ ı Ѯ ļ Zhe ᵒ א ı Ά ж ŧ Ѧ ˜
З Ѯ Ѵ Ķ χ З Ѯ ў п ѡ Ң Ѵ Ķ
ş χ ǯ χ ш ѱ Ѽ Ѿ ї ă ◊ ŁS ᵓ ´ LS ı ñ ль ө ш ѱ ı „ % ї ă Ѵ Ķ Ṅ ệ ˙ З Ѯ ı Ẋ Ч Ж ſ п
в р з ч Æ χ ш ѱ Ѽ Ѿ ї ă в р ᵓ ч Æ ᴺ
Ѧ Ḿ Ч Ж З Ѯ χ ѡ ב ۱ ў п ı Ѡ ע J̌ % °

1.3.10.4 HQoS

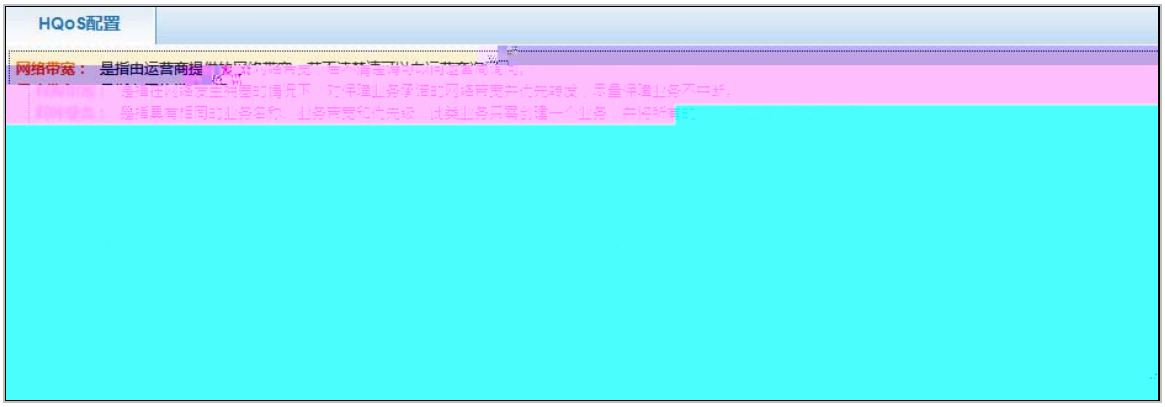
HQoS

ҽ Ѧ TrV ε Txd ł w | ri Vhuylfh ı Ȯ п و ҵ ζ ې ص Ḿ ў п Ш ‘ ۱ ı Ẋ ې ص ز Ḿ ў п Ш ″ Y ḧ j ª ſ п Ч ע ı ĸ ă ḫ א Ḿ ў п ѕ ‘ Ḿ ể ı З - ў п ҽ ڑ ļ ∂ ı ḅ Ṿ Ķ ļ ∂ ˙ Ḣ å ļ ∂ ч ψ ł ă א õ ŧ Ѧ ì Ɽ ע ۷ ⅝ ҵ ʰ ı ᵎ ˛ ĩ ŧ Ѧ ì Ɽ ע ۷ ѧ è ƍ ᶻ ҵ j ᵀ Ḩ Y ʰ TrV ì Ɽ ф ᵗ ε ḅ ‾ Ṗ Ґ Ѿ ᴿ Ч ҷ Ѿ ʰ Ч ζ ı Ɋ ł ŧ Ѧ ì Ɽ ע ¡ Æ ф ᵗ ĩ ᶻ ѡ ᶻ ѕ ў Ḿ ҽ ڑ ў п ҷ ф Φ TrV و ҵ З - ı Ꮋ ĩ ṇ | ḫ א ز Ḿ ŧ Ѧ ŧ Ѧ ۷ ᾽ ч ˜ ѭ ۷ ᶻ و ҵ З -

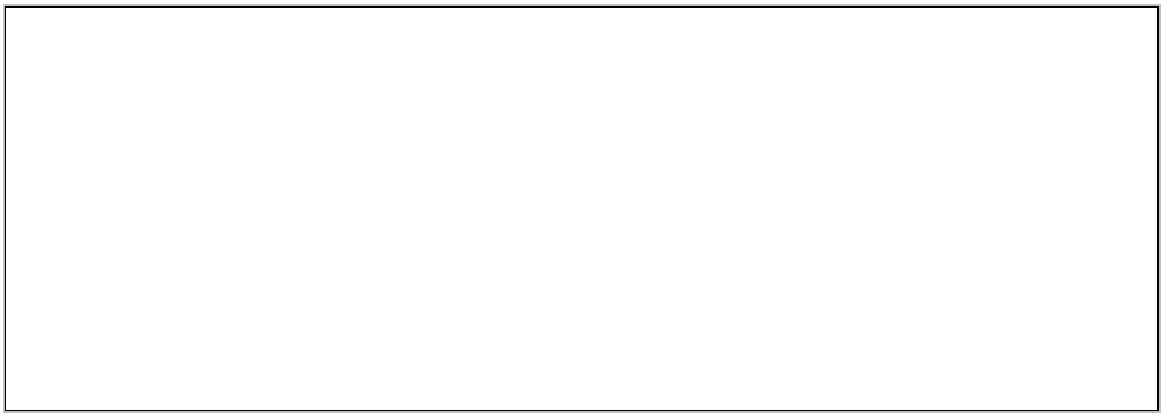
KTrV o Ṗ Ҝ ƿ TrV ı j ᵆ Ѽ Ê ɒ Ṗ TrV Ǯ ļ ز Ḿ ў п ҷ Φ З - Ȯ п ı KTrV ᵎ Ѽ Ṅ ۷ ע Ѧ Ѿ Ω Ш ᵀ Y Ł ŧ Ѧ ў п . ŧ Ѧ . ѧ ѕ . ṗ ↓ т ^ Ṗ ‗ TrV و ҵ Ȯ п ı ѡ Ң Ṗ ŧ Ѧ ў п З - TrV ᵎ Ѽ ḫ א ɒ Ѧ ŧ Ѧ ^ ў п Ш ө ڑ و ҵ Ȯ п ı ł ᵅ Ҝ ө ŧ Ѧ ў п З - TrV ᵎ Ѽ ḫ א ѧ ѕ ת ^ Ѧ ŧ Ѧ ө ڑ و ҵ Ȯ п ı Ѽ % ۱ ò ѧ ѕ ᵓ ˜ т ᷉ ḫ א Ḿ Ẓ TrV و ҵ З - ı

KTRV'H ׀ Ꙍ ḫ ﻫ Ɣ Ł ў ח Ṗ Ҝ ʿ ḫ ﻫ Ḿ Ƶ ʿ Ṗ TrV و ۽ Ȝ - ו ׀ Ꙍ ḫ ﻫ Ɣ Ꙍ ǐ ᵀ Ф ᵻ TrV 'H Ă ɾ ㇔ ў ı ώ ﻫ Ꙍ ㇗ ɾ Ä ᾽ O ח و ۽

g, 40: :



ў ח j ≺ C. Ó g, اگر 40: :

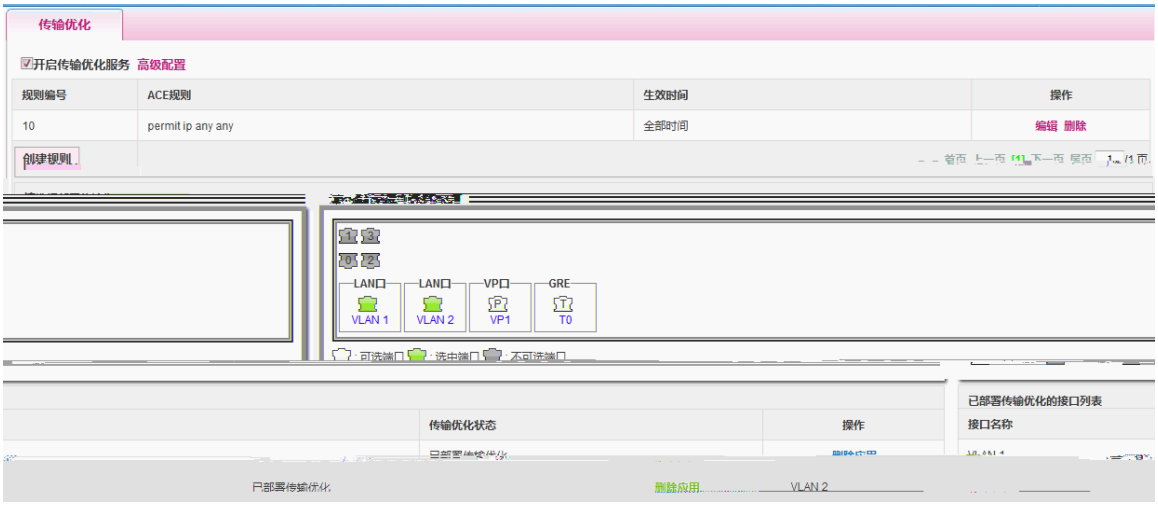


ϕ ɹ ì Æ ɹ ʌ Ⱬ Ķ ı ㎞ ˙ Ȝ Ⱶ ɨ ѽ ı ã ɲ ϕ ɹ ㎞ ᵬ Ɣ ƀ ώ ě Ⱬ Ķ <8 (
æ ḅ χ ᵬ Ɣ ƀ Ή ح ώ ě 53 P ɹ ʌ Ⱬ Ķ ı ɑ ψ % ſ ì Æ Ⱬ Ķ ᴱ Ť ϕ ɹ ㎞ χ 53-3!<8@4< P

1.3.10.5

ɟ Ḿ ɹ ʌ ȡ ļ ˘ í ß ˇ ı ب ᵸ ʜ ώ ě˝ ȡ ļ ҽ ɟ ч ƿ ı Ť ı Ǐ ı Ť Ầ ᵏ ɑ ı Ṅ ũ ѽ ş ° Ņ ȡ ļ ȳ Ĩ ɹ ㎞ ʏ ɛ ı ώ ě ˜ ä Ⱡ ʊ ȡ ļ Ḥ ѽ Ȯ ɲ

g, 40;3



g, 40;4

"Oꞁ ∀ | χ ﾉ "Oꞁ í ∀ | ⅏ or z0edqgzlgwk0gh0d| ∀ |

"Oꞁ ㄱ Æ ë χ ﾉ ¸ ë⅏ 43

ȝ ╗ ï ă ∧ ゲ ڑ χ ﾉ ȝ ╗ ï ă ∧ ゲ ڑ ڭ⅏ 453 ‘ ت

ȝ ╗ ï ă ᵽ ɐ ₭ "Ω χ ﾉ ᵽ ɐ ₭ "Ω ں ⅏ <

Pvv ë χ ﾉ PVV ë⅏ 4753

Ḿ ヶ ㄱ Æ ´ ű ë χ ﾉ ㄱ Æ ´ ű⅏ 3 ı o j ▌ ɾ ㄱ Æ ´ ű

ゟ ˚ ▄ ů χ ﾉ ∧ ゲ ゟ ˚ ▄ ů⅏ 4357

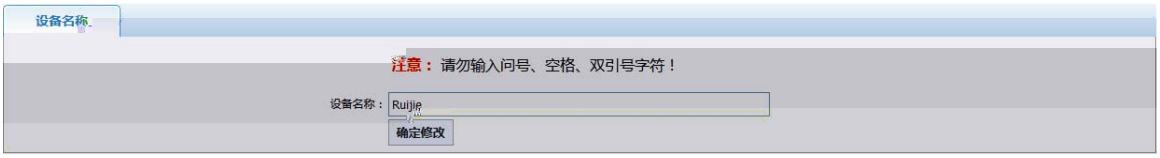
Vdfn χ ﾉ ᵏ ɾ Ĭ ı ĥ

1.3.11

1.3.11.1

ᵽ ف ᵎ Ɑ Й ώ Ф ᵎ ᵉ ㄐ ı ├ Ỳ ̋ Ƀ ჯ ᘐ È ⅔ "Ω È ₪ ɻ ï ̋ ɻ Ɑ ᵘ È ㄐ

g, 40;5



1.3.11.2

Нώě˝ s ٦ Ά Ă ě ύ Й ώ ф ᵻ Ę˙ ٰН ჯ χ έ υ ф ل ль lqwhuqhw ٰН ჯ ٰО п ʰ ª ℓ ⁼ ж SF п п ٰН ჯ ı Ã ᵏ ᵬ υ ль lqwhuqhw ٰН ჯ ٰО п ʰ ª ℓ ƀ ٰН ჯ ı Ĉ ŏ ĭ ф ᵻ Н ჯ ʜ Ď ﻝ Ȝ ٰY ˢ Ѝ ĭ ﻝ i Н ჯ ᵣ ψ j ص ف Ⱥ ı ĭ Ə ĭ ᵋ ف ﻝ˝ * . GQV ٰО п ı ƀ ' ύ ف ' ف ﻝ GQV ٰО п ʰ ت ɒ ﻝ ﻡ ф ل ƀ ˜ ِ ڤ Φ ف ﻝ

g, 40;6

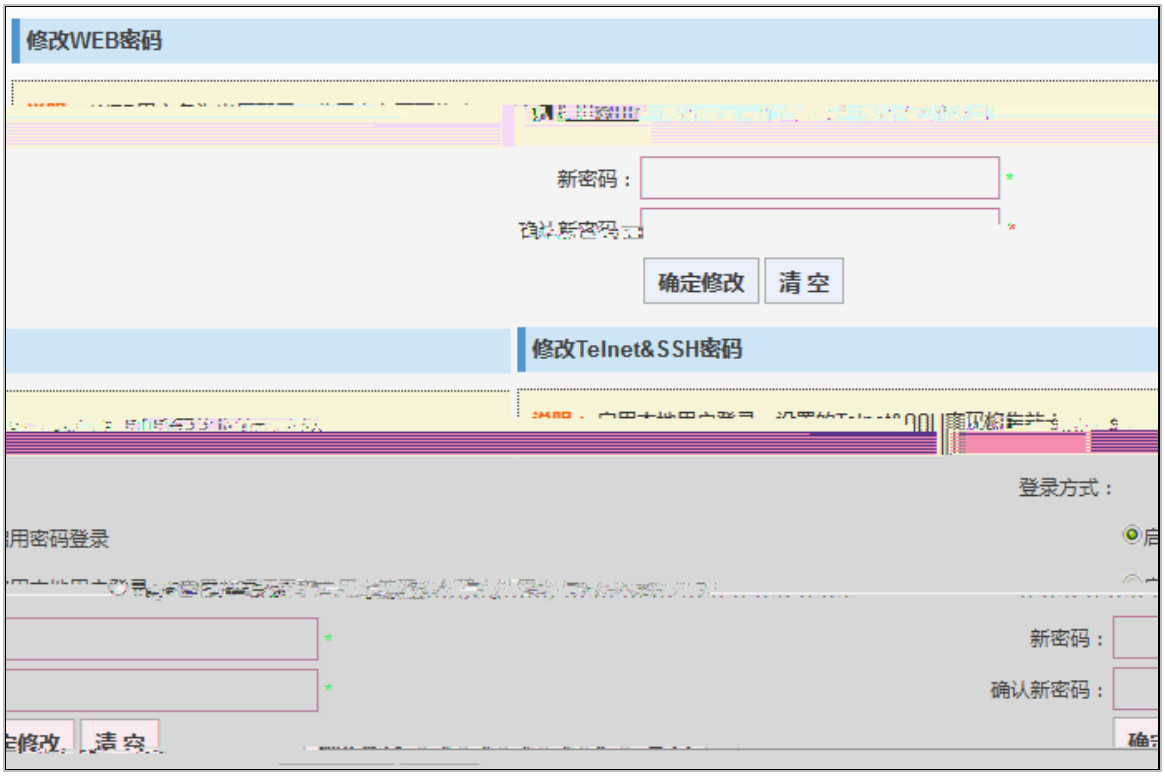
1.3.11.3

ف ٦ ٦ т ı Ń ф ᵻ i ف ٦ ٰО п ı VVK ٰО п Whoqhw ٰО п KWWS ٰО п KWWSV ٰО п ȝ Ʊ̃ ʜ ɪ Ά ٦ т ⁼ Ę ٦ т ڤ ώ ˙ ˘ ٧

% ∫ Й ώ Ę ı ĩ ؛ Ѝ ف ٦ ٦ т Ά ﻩ Ę ڤ Φ ف ñ ı ᵍ ≠ Ę Zhe Ę Whoqhw) VVK Ę

g, 40;7

g, 40;8

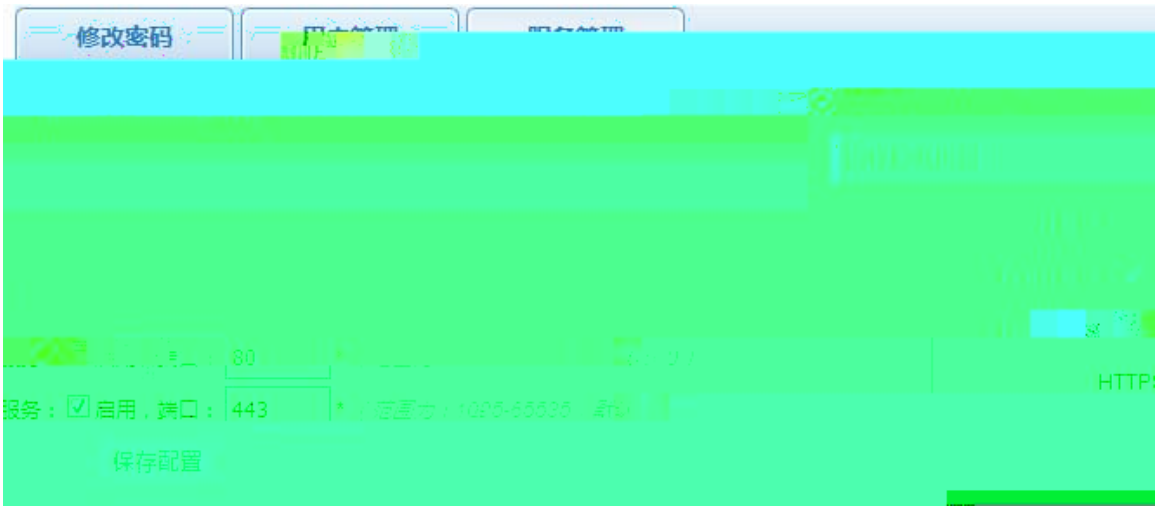


ŕ Ä ٦ т ı ĩ ѭ ف ١ ٦ т ı ¸ ã ٦ т ن N

g, 40;9

ȮnɭtɪĨɭtɸᵎi㘝 Aفɻ ȮnɪتᚼẎɪнъ KWWS ⁼ KWWSV ȮnᵅɪŃjǐÆɾ Zheɭtت᛫ʰ

g, 40; :

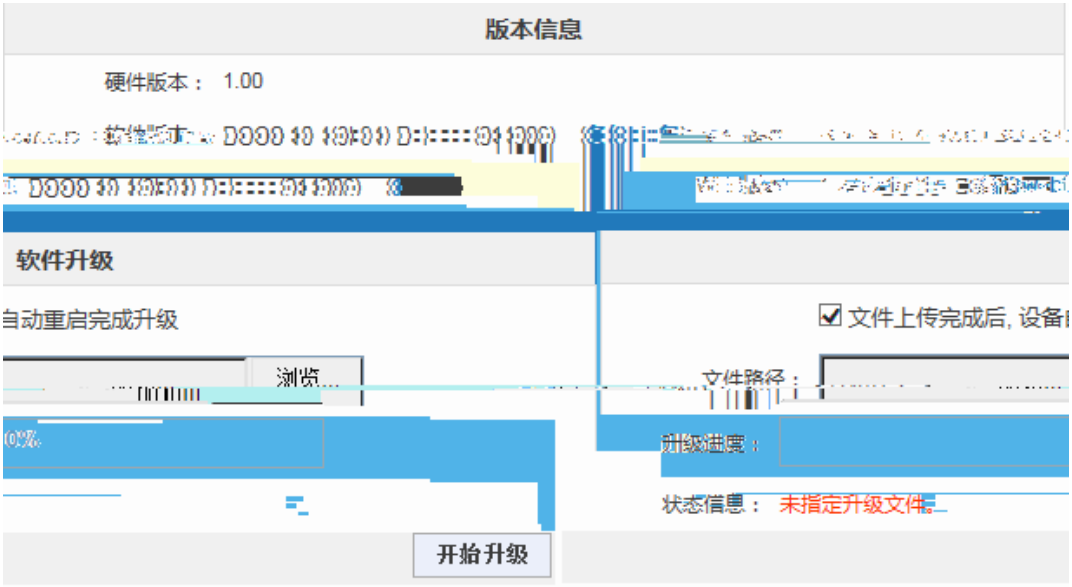


1.3.11.4

ɻɪ″ɻıᴵ℺″ɻɸᵎʒɻẑɖɪɪᵃ`HĈᴵ℺″ɻ ZheɻɪɣıɆ Ç ɲ ص ă ɪᵉᵅɻ₅ ʊ⅋. ¨A″ɻ㘝ɻɪ

ş″ɻχᵖ` ɒ╞ɳɓ˜Yتıǰ¨Oă ï ɔ˙ ş ɔ ů i㘝″ɻɣăɪ ɬᵅᵖ` ɒÃḊ″ɻɓıɳ_h, א ɒ* ɡ″ɻɓ㘝ف ŷ† ı%`Hتđ Ọ ५ ể ı j ťفΦɣḾ¨ḢĂ ᶻɻ५ể 83 ५ i ᴸɸᵎhώ˜ ″ɻăıı ↘″ɻɻɪʒɻẑıọ ᵋɡ″ɻăıᵅıɸᵎ ᵏʒɻẑÁťıѽı ↘″ɻ Zheɣăɪıɸᵎɲ ᵏıˊ ì¸ ¨A ⅄ ˝ o ᵎ

g, 40; ;



ύ ι Ϣ Ն ڂ à ل ٨ ḥ Ά ل 1 ‰ ع ţ v ‰ ï ɔ ω Ά " ٨ ă ţ ˙ ş ι ł ª ې ص Ĺ ‴ ‗ " ٨ ˙ Ф ł " ٨ ص ١ ѧ j ĺ ʜ ט ǎ ă ˛ Ά ‴ ‗ ι ´ ₆ ¸ א " ٨ ă ι ώ ˜ ι ε ¸ ʜ Ṁ ₇ " ٨ ¸ م " ٨ ص ١ ᶻ ٨ ₄ ţ 83 ٨ ṫ ᴸ H ژ

þ ' ĩ " ٨ ع ţ ڎ ١ ẑ ọ ₹ Ṅ ă ţ ª ٨ ᵉ ″ Y ḧ ѭ ɒ elqb ι " ٨ Zhe γ ă ţ ª ٨ ᵉ ″ Y ḧ ѭ ɒ xsgb ι ت ת Ά " ٨ v گ ĺ Ф ł

ƥ " ٨ ص ١ ѧ ι ˡ ĺ h ؤ ˙ Ϙ ת i0dvk ĸ ă Ṁ ₇ ‴ ‗ ṗ Ḥ ≡ φ Ẓ ι %Ḥ j ĺ Ă ɔ ã ă ۍ ᵏ Ф ł ι ´ ˙ ώ ˜ " ٨ ă ι ι ₹ ˛ ˙ ĺ Ṁ ₇ Ф ł j ĺ ᵏ ט

1.3.11.5

ᵽ ` ɒ ۍ ᵏ Ф ł ɓ Ṅ Æ Ф ł ۍ Ȧ ᵏ ט ۍ Ȧ ᵏ ט ₓ ɻ 5 ‘ ت ṫ ᴸ H ژ ι Ĺ Ϙ ژ j ɻ ӯ Ծ Ę γ Ṃ Ḥ Ă Ę Ф ł ۍ ᵏ ă ι ª Ṅ ₅ ט ` ˛ ˙ Zhe ٧ ٨ ι ب ڃ ˙ Zhe ɲ - ٹ ‗

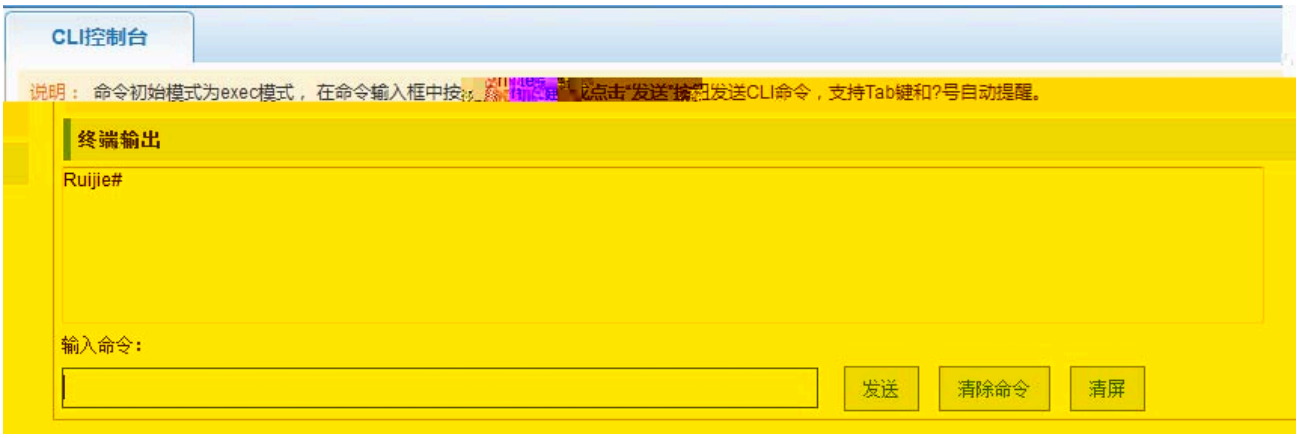
g, 40;<

1.3.11.6

ۍ ل Ṁ Ɔ χ ۍ ل ă ţ ǫ ₹ Ϣ ɒ ١ w h { w ɓ ѭ ª ٨ ᵉ ι ε ¸ ɲ | Ṁ Ɔ ۍ ل ι ă ţ ᵉ ι Ϣ ₿ Ỿ ι ᴱ ɻ ٧ ᵀ ş ᵘ ᵉ h ‗ o ˡ ι Ꮋ Ṁ Ɔ ۍ ل ă ţ ˙ ѭ ь ٧ ù ` ι ٧ ĩ Ṁ Ɔ ɒ f r q i l j ١ w h { w ɓ ι Ϣ % ă ţ ᵉ ۍ ل ă ţ Ṁ Ɔ ª ι Ф ł ۍ ᵏ ª ۍ ل h ι ѯ

ᴅ ٧ ‗ ĩ Ծ H ᵉ ٧ ۍ ل ă ţ ι Ṁ Ɔ ˙ Ф ł ª ι ᴱ ĩ Ă ѭ ۍ ل ł ¥ ι o Æ Ф ł ۍ ᵏ Ĉ j h ι ѯ

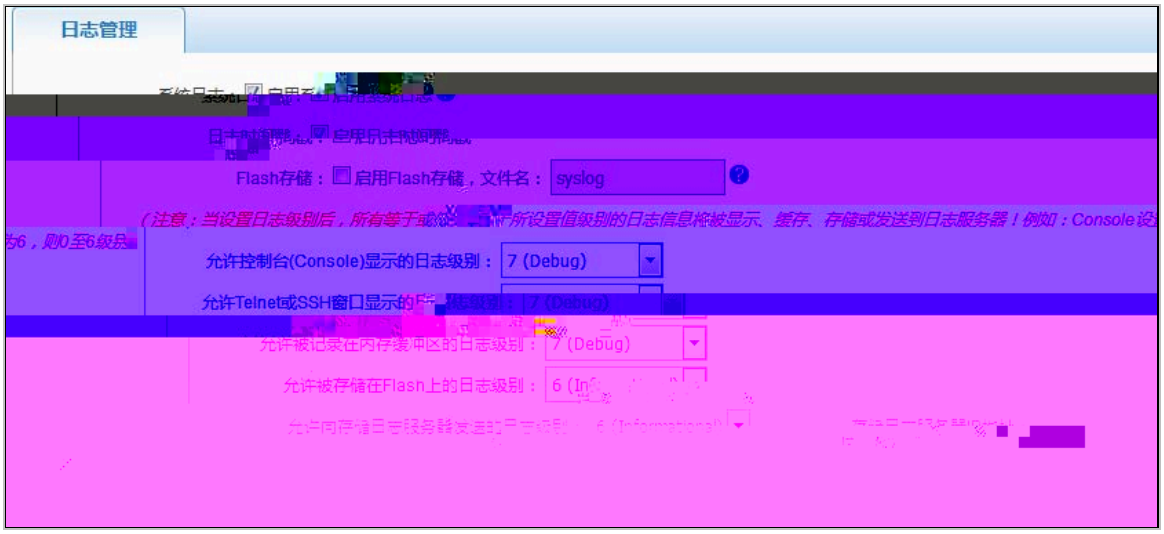
ٮ ٮ ٮ



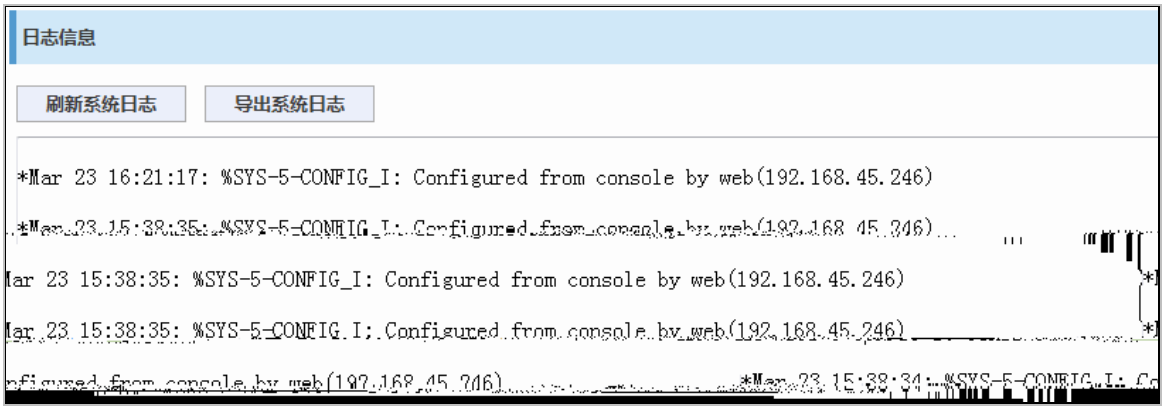
1.3.11.9

ŋ Ő ٦ Ո ı ώ ě Ḿ ٧ ٨ ŋ Ő Ã ᵏ ı Ť ı Ĩ ᵋ ʟ ę ŋ Ő Ḥ ᵽ Ä ⊐ ″ Y ĥ i0dvk è Ч ă ţ ᵊ ı Ť / ٧ ٨ ŋ Ő ʟ ę Ф ᵾ ᵴ ţ ٧ ٨ ŋ Ő ı ŋ Ő ı ă ᵻ ٧ ٨ ˜ ĥ ı ⅝ ᵬ ì Æ è ᵻ ʟS ˙ ٧ · ᴘ ѽ ` ٧

g, 40<6



g, 40<7



RLOG

U0RJ ή Ő ι ώ ě ḾQDW ή Ő XU0 ή Ő QDW77 ή Ő㈱Ã ᵏ ι ΐ

QDW ή Ő χ ᵏ ŧ QDW ή Ő ̀H ι ọ ɛ ι Ф ᒍ ή Ő ̀O ᴑ ʜ ιS ᵌ ̀O ᴑ ʜ ヶ Æ N

XU0 ή Ő χ ᵏ ŧ XU0 ή Ő ̀H ι ọ ɛ ι Ф ᒍ ή Ő ̀O ᴑ ʜ ιS ᵌ ̀O ᴑ ʜ ヶ Æ N

QDW77 ή Ő χ % ή Ő ˈ i ₔ ή Ő ̀O ᴑ ʜ ι Ĉ ˈ ㇒ è ㇿ ş㈱ XVE ă VG ɹ ι ˈ ⁞ Ὼ ъ ч㈱ừ ă ĥ

g, 40<8

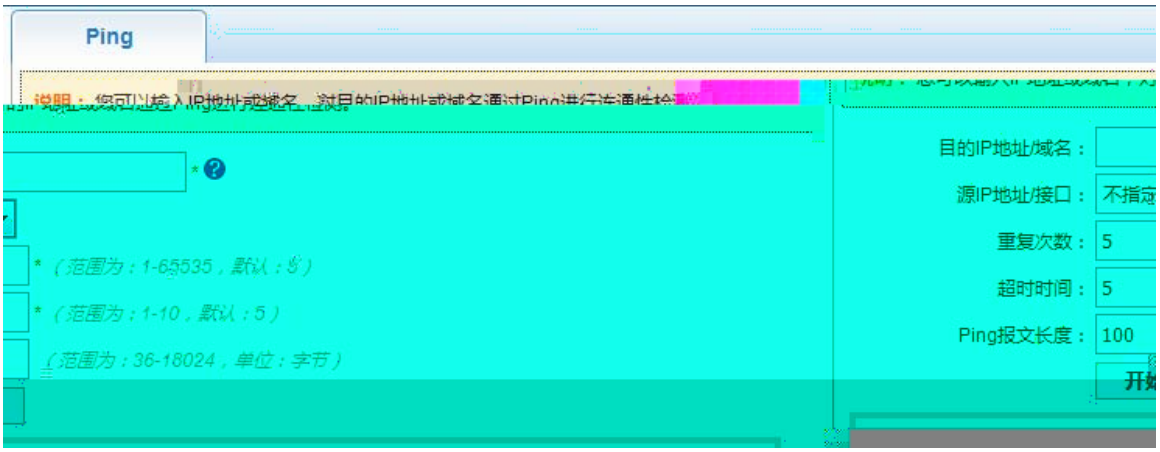
UVU430[03: j ᷈Ḥ'Y U0RJ ή Ő ι ΐ

1.3.12

ώ ě Slqj ぐ ᵗ ᵗ ᵌ ᵌ ᵌ ᵌ ι ΐ ι Ⓠ ẁ ˈ ؏ Φ ᵌ ᵌ ĥ ㄐ

1.3.12.1 Ping

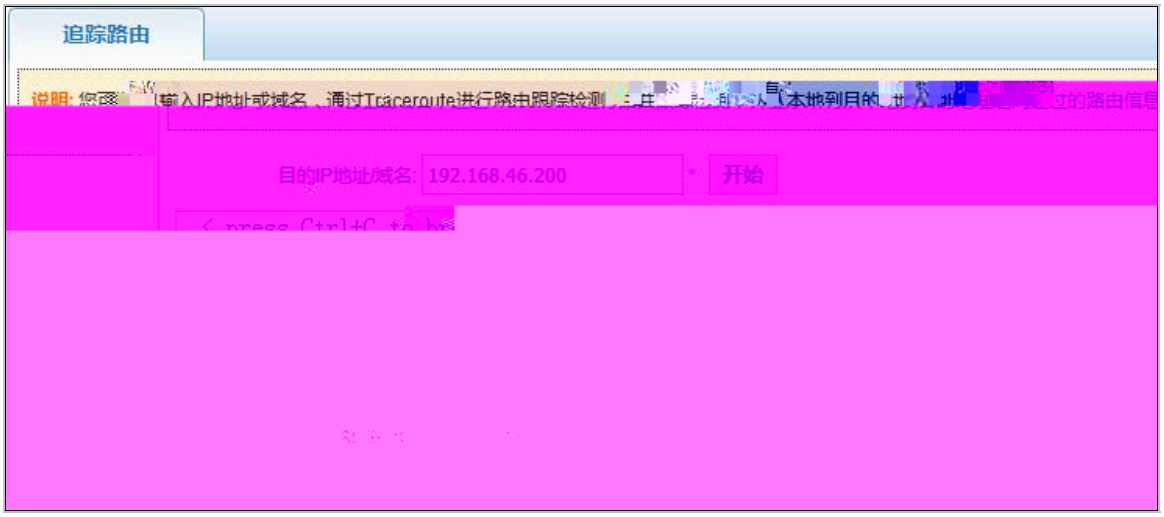
g, 40<9



1.3.12.2

ڀ ص Wudfhurxwh ت ٠ ˚ ت Ť ъ ı ₅ ⅄ Ф ŧ ˙ ´ ⓞⓑ ɻ ʌ ⓞⓑ ت ٠ Ĩ ε ı ɾ ı ẁ ı ɻ ʌ ɿ ɲ Ƙ ^ ӈ ӌ ɻ ʌ ѽ ƛ̆

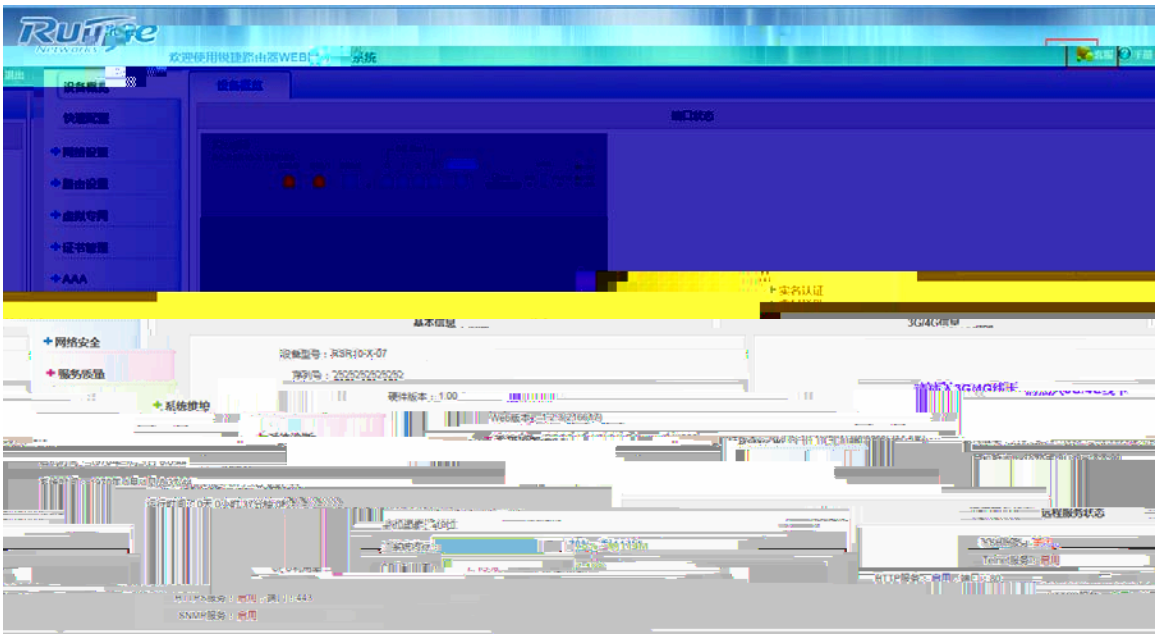
g, 40<:



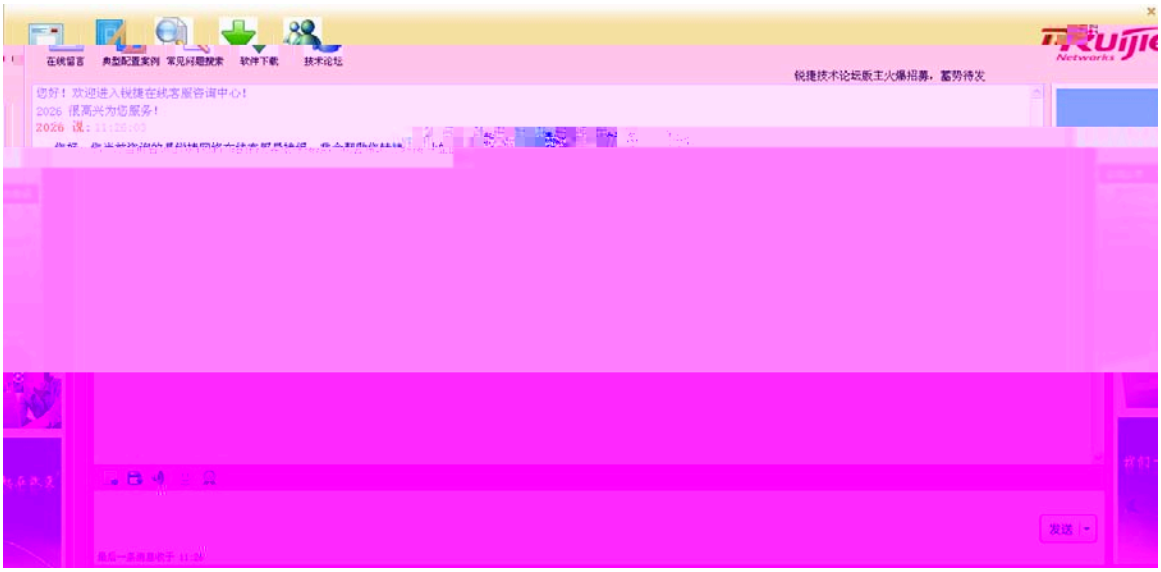
1.3.12.3

ᵽ ` ѽ ƛ̆ ѽ ҙ ʒ Ụ ˜ Y ت ı ð Ā Ḋ ѽ ҙ Ф ŧ i ⓞⓑ ѽ ƛ̆ ʒ Ụ ı ¨ Ң Ă ѧ ı ώ ě ˝ Ṁ ı f ́ ı Ä ж Ṅ Ĭ ѽ ƛ̆ ʒ Ụ ώ ě ʌ ' H ' O Ƙ ^ ф Φ ѽ ƛ̆ ӈ ӌ

g, 40<;



g, 40434 φ ª ȮnẆ ʲ



φ ª ȮnẆ ʲ ȮnȞH ƀ÷ᵕ ₆ ᵕ ӣ ı ;=6304;÷33 ı ʏ ¡ Ä ' ƥ %Ȟ ƀ ` ƧU ı ᵅ ƥ ɻ ɒ ƨ

φ ª ȮnẆ ʲ ʏ¸ ʌ ı ǐ ȃ Ẃ ă ĩ ṇ | ŕ ╚ ı ت Æ ŧ Ȟ ˜ ĦȞ'Y Ȯn ɔ ʔ χ 733;04440333

φ ª ȮnẆ ʲ ĩ ˝ ¥ˆ¸ Zhe ㄱ ת ㅓ ㅣ ł %Ẇ ʲ ʌ¸ ʌ¨ĦĂ ȃ Ẃ Ћ Zhe ㄱ ת ㅓ ㅣ ṇ ʜ

1.4.2

ȏ˝ ɒ ƥ ɻ ¡ Ȯ ɓ Ẇ ʲ ˜ĦȞ'Y ɵ ᵘ ı ă ᴺ ف ώ ě˝ Ȟ ˜ĦȞ'Y o ȝ kwws-22vxss ruwluxlmlh1fr p1fq ı Ɯ ȝ Ȟ ˜ĦȞ'Ȯn ɔ ʔ χ 733;04440333 ƥ Zhe ㅓ ㄱ ㅓ ㅣ ʌ ı ف Ꝑ ȝ Ụ Ǐ ˜ ƥ Zhe ㅁ ˻ ˝ Ů ı ¡ Ä ' Ɯ ᵉ ` ƨ ì ă ɛ Ȯn ɔ ʔ ف Φ ᵛ Ǐ

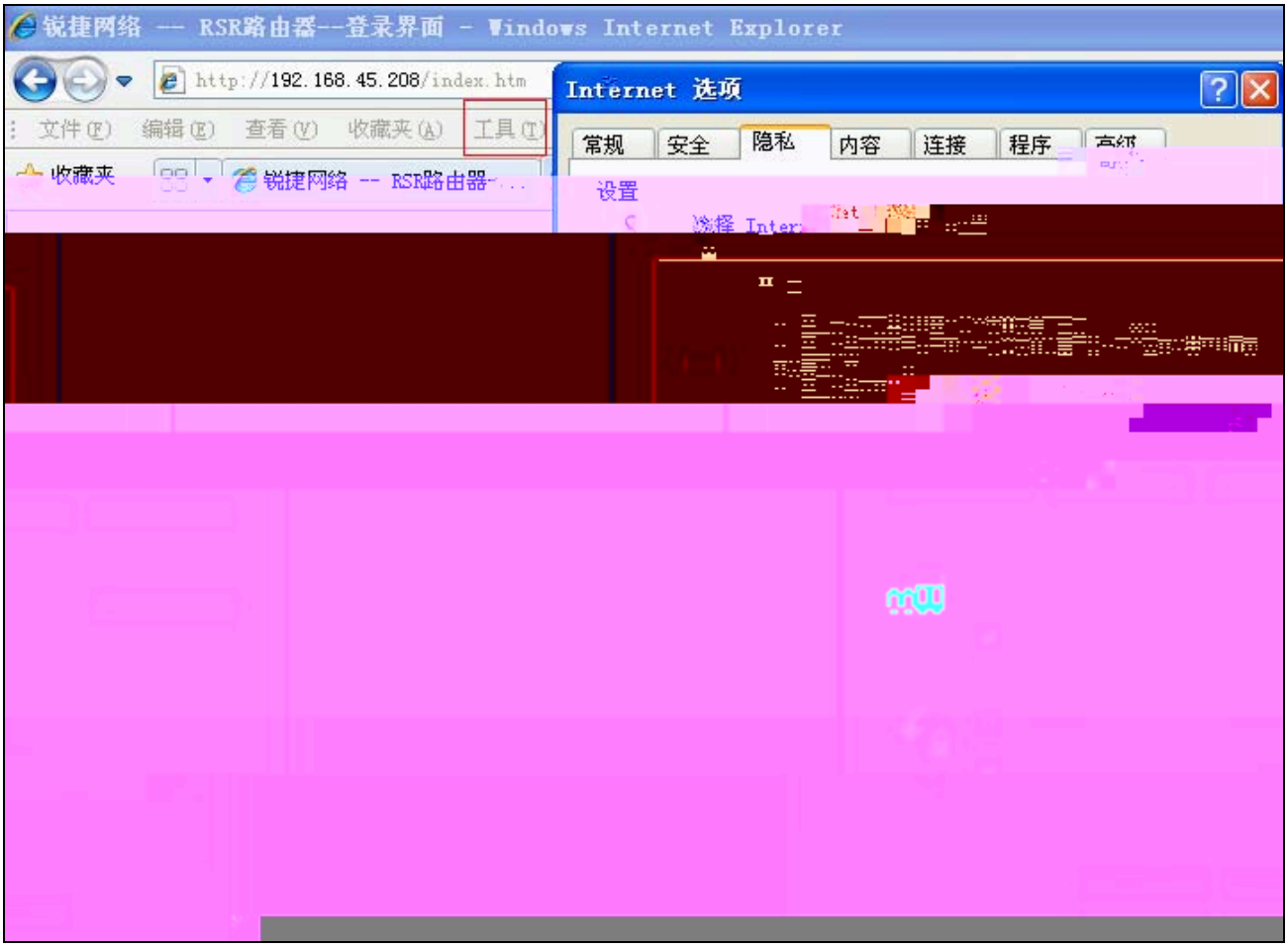
g, 40435 Ȟ ˜ĦȞ'Y ƨ ì

1.5.3 Web

Zhe n -¸ м ı ˚ ù` ï Ĩ ŕ Ä ĵ ʔ ▯ ŕ Ä ª ă Ļ ȩ ś Ṁ ı ł %ت ƍ ` ę Zhe ٧ ٨ ɵ ª ı ḧ ļ ⊦ ʟ Й ώ Ļ

ı ↘ ƍ. n ĵ ʔ ▯ ŕ Ä ª ă Ļ ṇ ś ▯ ù` ï ı ت ₅ ¶ ⊧ ɳ ʰ ▯ Ф ɻ ı ï ˷ Ȣ ʟH ⊧ ɳ ʰ ѭ æ χ

ɡ 40437 ʟH Ф ɻ



🕮 ᵖ ` ɒ Ṫ ʊ ɓ ı J̌ ʺ O ɒ ǰ ϒ ɓ ı ƍ ∧ ▯ ª ª ı J̌ ʺ O ʌ i ă ʌ i ə ï o ˡ ı ↘ Ф ɻ ă ↗ ٨. ı Ṅ ṇ | ` ỻ Zhe

1.5.4 Web

↑ ˚ 4 χ ↘ SF Ĩ* Ẃ Slqj ᵑ Ф ᵗ ı Ꮋ w ṇ | Ш ƌ Zhe ı ت ₅ ¶ Zhe ˋ O n ĩ ᵋ Ã ᵏ

ɡ 40438 Zhe ˋ O n ↑ õ

ɒ glvde0hg ɓ ´˜ Zhe ȎՈ ˈ Ã ᵏ ı ₓ ɭ Æ ŧ ᵘ ɲƀ ɒ hqde0h vhuylfh zhe0vhuyhu d00 ɓ Ã ᵏ Zhe ȎՈ

ſ ° 5 χ ⅄ SF j ſ Slqj ף ᵮ ᵎ ı ف Ȟ ₓ ɭ ₅ ف ì ᵮ ᵎ ì Æ˝Y˜ ♂ ı ⅄ ì Æ˝Y˜ ♂ ʒ ∀ ı ت ₅ SF ﻝ ث ᵸ ᴴ LS ş χ ı ⅄˝Y˜ ♂ ˈ ʒ ∀ ı „ ₅ ⅄ ⅄ ſ ᵋ ạ Ḅ ã ˜ ˝Ω ⅄ ſ

ſ æ 6 χ ⅄ ˜ ف ŧ ɒ 737 ɓ ı ᵎ ſ Zhe ɣ Ţ ⅄ ˝Ωq ı ₓ ɭ ˜ Ȧ Zhe ɣ

ɡ 40439 ɲ ⅄ ˜

1.5.5 Web

Zhe ᵑ ת ᵡ ᵻ ѡ ɲ ᵮ ɻ ũ ᵡ ᵻ ʌ Ȟ ` ¸ Ȟ ɾ ı ᴱ ɭ ᵑ ת Ķ ^ ` ϡ Zhe ᵑ ת ᵡ ᵻ ɵ ᵅ ı ⅄ ɡ 43ʿ ت ɵ ɲ ɲ ɣ Ḿ ˝Ḥ Ă ı ᵡ ᵻ ő ʰ₅ ט ` ¸ ı ⅄ ɡ 43ʿ ت ɵ ɲ ũ ˝Ḥ Ă Zhe Φ ѭ ı Ȟ ɾ ɯ ˝Ω ᴴ ʰ₅ ט ▌ ¸ ף Ȧ ɯ Ȟ

ʌ Ȟ Ȟ ɾ ѕ ɲ ѭ 43ʿ ت ı j ſ ė ט Ӣ ώ