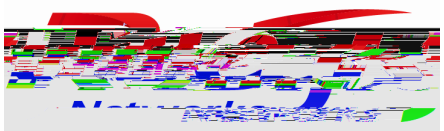

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• ´ Ñ ƒ

ج à ⅄ ∧ ©2015

ج à ⅄ ∧ v ″Aõ ı Ẋ ʒ ɒ Ḿ ė q ʒ ϕ ″ ´ ˍ

ˈ ę̇ ج à ⅄ ∧ w ̄ ̦ p ˈ ı γ Ḿ Ḳ j ę̇ Ɑ γ Ḿ Á Ã ǎ ė Ã Ḿ ė q ɹ γ Ḿ ʰ ف Φ ʰ ˈ ̊ Ạ ẹ ˢ ¥ Ӣ ώ ҽ Ḥ ˘ ˘ ǎ Ʊ Ḥ ˈ ̣ 2 Ṅ Ʊ ∿ ʰ ǎ ʰ ˈ ̂ ƀ ў ŧ ∪

± • Ñ ƒ

ė q ɹ ḳ Ə ̊ Ω ϰ õ ʒ Ụ ˙ Ă ı ̂ ŧ β v ″ ∧ ǎ Ʊ Ḥ ⊃ ŧ ı Ʊ ɹ ḳ õ ˈ ΐ ψ ˜ ج à ⅄ ∧ ʒ ɒ ɒ ≡ õ γ Ḿ ̥ ˜ ǎ ä ώ ˜ ̂ ù ˋ ï Ḿ ė q ɹ ḳ ف Φ Ӣ ώ ̂ ˍ

ė q ϰ Ă ϰ Æ ŧ ″ Y Ṁ ı ج à ⅄ ∧ ɒ ∧ ˘ ė q ˋ Ḥ Ṭ ő ʅ ʒ - Ʊ ɹ ḳ ´ ˍ ˈ ˎ ı Ḫ Ẋ j ˍ ʒ ė q ɹ ḳ Ḥ ∿ ≡ õ ج ئ ǎ ي ◖ ı ė q ʌ ̂ ″ A õ ʒ Ụ Ĉ j ̲ ă γ Ḿ ″ ˜ ǎ Ỹ ˜ ̂ ″ I ʒ

ø W

• ¯ y *f*

ė q Ḿ Ẕ ţ v ㎏ χ RGOS 10.4(3b35)p2

~ À * Š

₩ ج ۷ ۸ ۶ ۱ ۰ ï ۳ گ

- ۱ ۸ Ṫ ۷ ṵ
- Ḥ ò ẍ Ḳ ۸
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ê ± V

- ج à ۱ ۸ ḥ Ȧ ۱ 1 χ http://www.ruijie.com.cn/
- ج à ۱ ۸ ḡ ۶ ḭ Ȯ χ http://webchat.ruijie.com.cn
- ج à ۱ ۸ ḥ Ȧ ۱ 1 Ȯ ת ль Ḥ Ḥ Y v ę χ http://www.ruijie.com.cn/service.aspx
- 7Ö24 ṇ Ḥ Ḥ Ȯ ת ♬ ۶ χ 4008-111-000
- ج à ۱ ۸ Ḥ o ȝ χ http://bbs.ruijie.com.cn/portal.php
- Ẃ ȯ ڈ ئ ۹ ۱ χ http://www.ruijie.com.cn/service/know.aspx
- ج à ۱ ۸ Ḥ Ḥ Y ль г ۳ ȝ ۹ χ 4008111000@ruijie.com.cn

{x|y|...}χ ´˜ κ ь Ѧ ǎ ^ Ѧ J̌ ° ѧ J̌ п Ѧ

[x|y|...]χ ´˜ κ ь Ѧ ǎ ^ Ѧ J̌ ° ѧ J̌ п Ѧ ǎ ǎ j J̌

//χ ˢ ᴥ ά| Ѧ Ḋ Φ ´˜ ѭ ├ ᵢ Φ

2.

ѿ ف ب ŧ ᴿ ϒ ب´ ‰Ő ´˜ ϱ ¨Ḥ Ă ص ϒ ѧ Ẓ Ỉ ˢ. ├ Ỵ ş Ȧ ı ف Ꝑ ‰ Ő Ỵ Θ ḅ ï χ

注意、警告、提 操作中应注意的事项。

说明、提示、窍门、对操作内容的描 进行必要的补充。

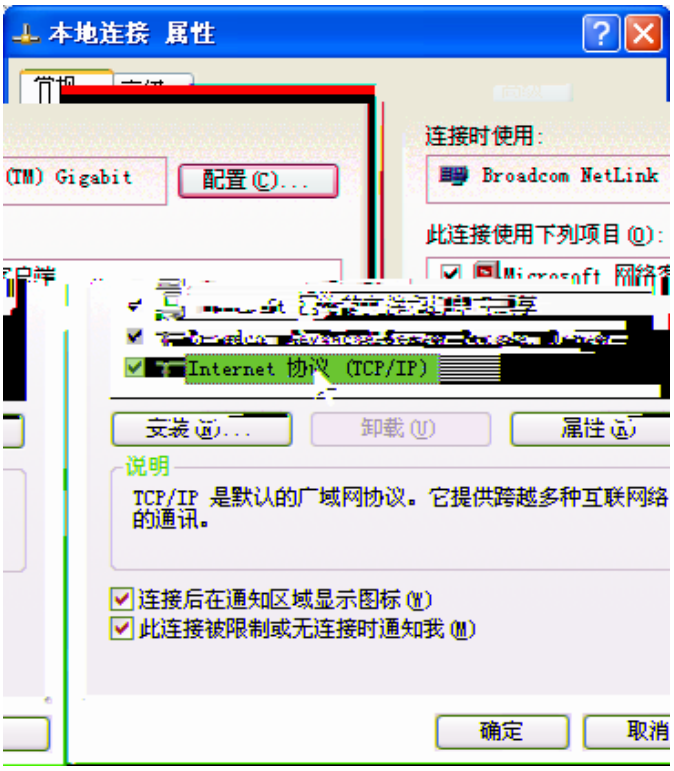
对于产品的支持情况进行必要的补充。

3.

- ė q ǯ æ ب ˝ ᴝ ˊ Æ ϒ ǯ ª ḫ گ ˡ ǐ j ϒ ı ḫ گ ¨Ḥ Ă ѧ ˢ ˩ ˜Ỵ Ł ᴿ ƒ ᵝ ¨Ă ˜Ḥ ˈY Æ ϒ ǯ ف Φ ب ل
- ė q ᴝ ˊ ǯ æ Ĭ ˜ ʒ Ụ ѧ ˡ ǐ ᵍ ω̃ Ʊ Ę ƒ ᵝ ˅ ˚ Л ḳ ε ḅ ƒ ᵝ ǯ ᴺ ω̇ ك ϒ ζ ı ʊ ч Ĭ ˜ ʒ Ụ ت Ϣ ḫ گ Æ ŧ Φ ˢ ʒ Ụ ѭ ´
- ė q ѧ ≜ ʒ ت ˢ ʰ ʒ ت ˢ ʰ ƒ ᵝ g ‰ ı Ꝑ ´˜ ˚ Ỵ Θ ï ت ˢ ʰ ı Ϣ ʒ ظ Φ ´ ت ˢ ʙ ɲ s Ṗ Ґ ¨Ω

ش‰ ᴸ ج D` ƀ ş ق ì ƀ ı ƥ ǎ¸ ⊞ i ï ǎ o D A D` ƀ Ŗ ó ƀ o D ı J̌ A ƀ lqwhuqhw в ƥ ε WFS2LS ζ ƀ ı ƀ g, χ

g, 1-2

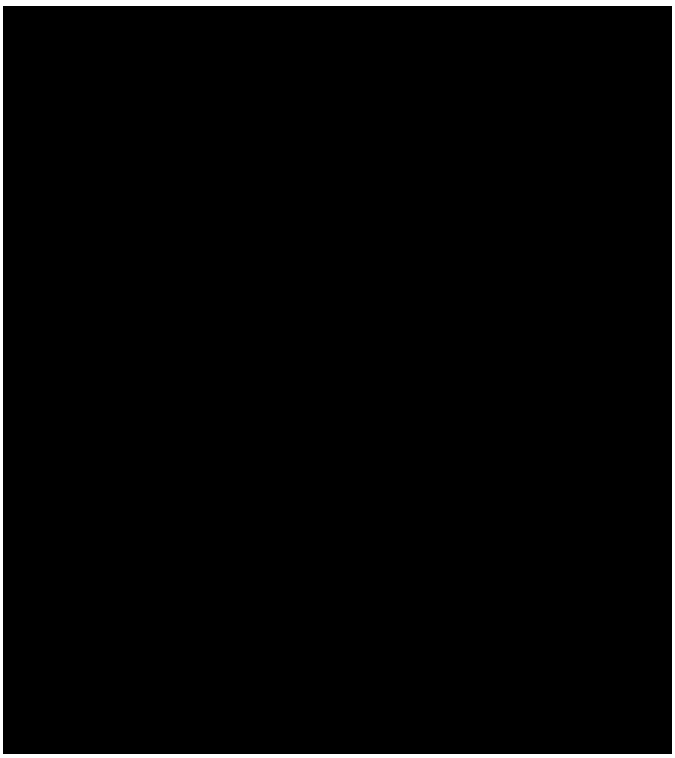


D` ƥ Ŗ ó ƀ "Y ج ı Φ ل ¡ "A ٦ SF⊞LS ş χ

ƥ ƥ lqwhuqhw в ƥ ε WFS2LS ζ Ŗ ó ƀ Ḿ ʔ↑ A ᴾ J̌ ƥ Æ ŧ ï ⊞LS ş χ ƀ ƥ ƥ LS ş χ ƀ A ¦ ʔ4<5149;141{{{ ε {{{⊞ ƀ

ᴷ5 Ḱ 587 ζ ı D Ḍ ل ọ ƀ A ¦ ʔ5881588158813 ƥ ш n ل H ƀ A ¦ ʔ4<5149;1414 ε o ث ᴾ ᴴ ш n ⊞LS ş χ ζ ƀ g, χ

g, 1-3



ت ٠ ٨ ⊠ س n LS ş χ ⊠ 4<5149;1414 ا ٤ % j "A ٩ SF ⊠ LS ş χ ω ª ɥ j ĭ ⊠ 4/ ɒ` ɒ. ḧ ɒ Ḣ ă ب ل

ℓ ج s χ ⅟ ؛ j "A ٩ PC ⊃ ت ٠ ٨ ĩ ٤ ف ن

Ṅ ش ‰ ٩٦ SF ⊠ ṫ ï ư ɒ` ɒ Ã Ḋ ɒ 0A ɒ ظ Φ ɒ 0A ج ɔ ɒ f p g ɒ 0A% ḧ ɒ

ɥ ᵘ ɲ ώ˜ ٩ Æ ŕ slqj ᵘ ɲ ⅟ ؛ ĩ ٤ ف ن "EΦ χ slqj 4<5149;1414 ḃ ' ĭ ˜ χ

g, 1-4 ف ì ă ا

```
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, 1-5 ف ì, م

```
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

ỳ ف ì, م ا ă ا Ɑ ₅ˢ χ

ت ٠ ٨ ⁻ — i ɲ j "A ٩ SF ˀ ف ٩ Æ ⊠ "Y˜ ♂ ĩ ٤ ş ٧ ا "Y˜ ♂ ' ş ´˜ ٤ ɲ i ⊠ ف ì j* Ẃ ا Ɑ "Ω ⁝ ل ٩

₅ˢ i ك WFS2LS ɸ ل ĩ ٤* .

₅ˢ ت ٠ ٨ ĩ ٤ T ل i ɔ

1.2.3 æ ¢WEB ¯ a

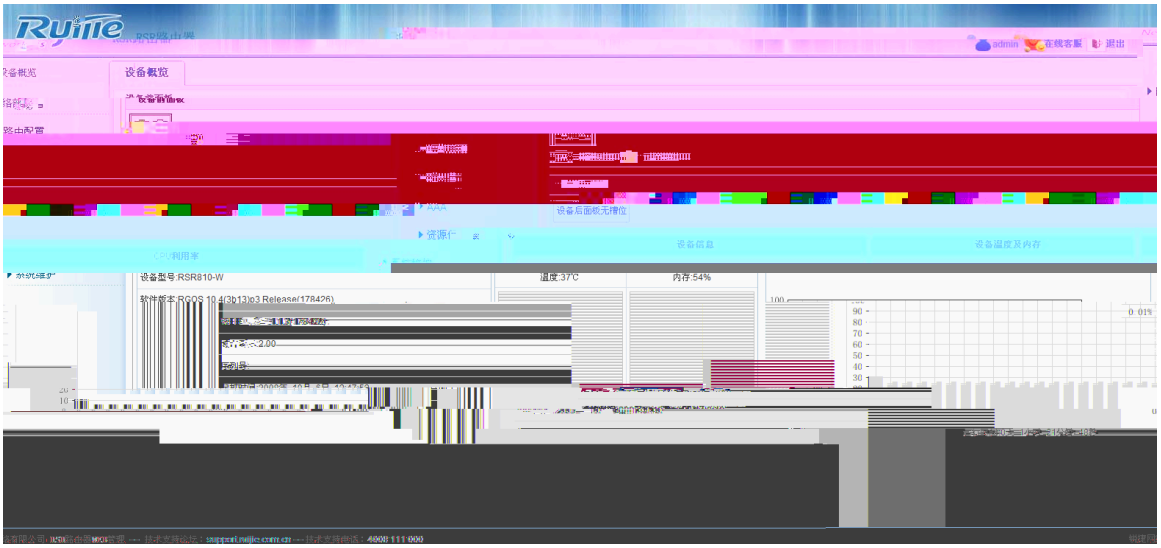
ɥ ɸ ⁝ ZHE `O n Ã ᵏ ª ا j "A ٩ ŏ ا Ɑ ن ص ⊨ ɳ ٨ ش ڈ ZHE ل ٦ ٧ ٨ ɥ ٩ Ꝁ` ę `H ا ٠ ا. n Ɑ ï ˘ ᴾ χ

4, JH323

LH :13

LS JH323 4<5149;141{{{ {{{ 5 587
5881588158813 4<5149;1414

LH kwws=224<5149;1414 UVU ZHE



1.2.4 WEB Ù „ ^ O

1.2.4.1 Ù „5 R

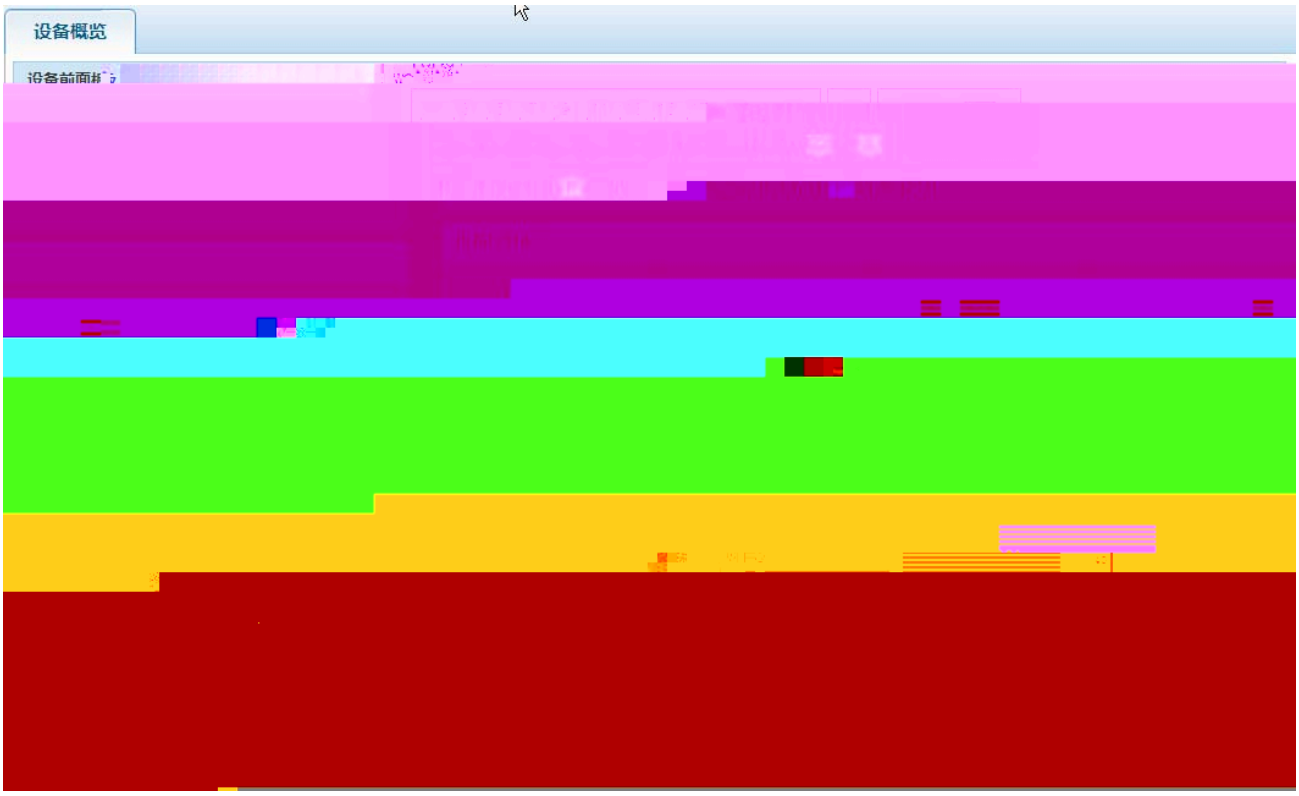
UVU ت ٠ ʰ ZHE ٩ ِ ِ ِ

1.3 × f ´

1.3.1 f Ô R

Φ ⁞ ₦ η ٦ ₍ ڎ ا ĭ ~ Ę ˙ Φ ⁞ g ʒ Ụ ا ڎ ا ɣ ů Φ ⁞ ʒ ᴺ . ţ v ʒ ţ v Z HE ɣ v ẑ ˚ ᴺ ƀ Φ ʼH ژ ٧ ʌ ʼH ژ ᴿ Rs ɥ ì Æ ↑ õ ɲ è □ ỷ FSX XVE VG ɹ ٧ ʒ Ụ

g, 1-9



ت ᵊ ᴴ Φ ⁞ õ ì ʔ XVE Φ ⁞ ا ã ạ ʔ VG ɹ ʼH ا Φ ⁞ ₦ η ٦ ₍ ė h ĭ ~ XVE VG g, ‰ ا ᵋ ¸ j h ĭ ~

1.3.2 ¯ › µ

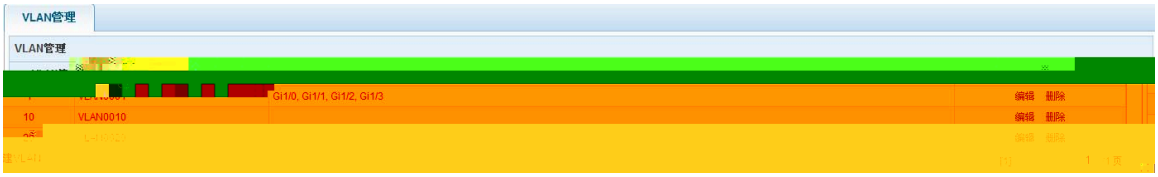
ڼ ص ل ٨ ط ¯ ا Φ ⁞ ا Ɑ ز ˙ g ڼ ʒ ˝ ا ɣ ů Ŋ ĭ ل ì ʔ ا ṕ ³ ل ط ¯ Ḿ Ŋ ĭ ل ì ʔ ɣ ᵍ ^ ٦ ʼA Ã ا Ʊ ᴬ ڎ ا ɣ ů DGV0 ì ʔ ا GKFS ʊ õ LS ş ẋ ì ʔ ا ḍ ḧ ʒ ل LS ş ẋ ì ʔ ا ĭ ڼ ٧ ʊ ɔ ʒ 6J ل ٨ ì ʔ ا ª ℓ ɹ ᵓ FH4 ɹ ٧ ل ٨ ì ʔ ʼA Ã Ḿ ṕ ³ ل ط ¯ ا ا Ɑ ḥ ᴺ Ḿ ṕ ³ ل ڎ ڢ Φ ʊ õ LS ş ẋ ˙ ب ا Y0DQ ڭ ا Ɑ ʒ Y0DQ ژ Ŋ ĭ Ŋ ڼ

VLAN

< 2 ' 4 a Â

Y0DQ ĭ Ʊ ʼO ṕ ³ ل ε Yluwxd0 Or fd0 Duhd Qhwz run ζ ٧ ٦ ا ĭ " Y Ṅ ᴬ ã ^ ᴬ ¯ Ṗ Ṙ " Ω Æ " Y ḧ ᴷ Y0DQ ã ^ Æ ا ʼA ũ ڢ ì ڢ ᴾ ٦ Æ ل ٨ ٦ Φ ⁞ ل ã Ʊ ʼO ل ٨ ا ḥ ᴺ Ŋ ڼ ʒ

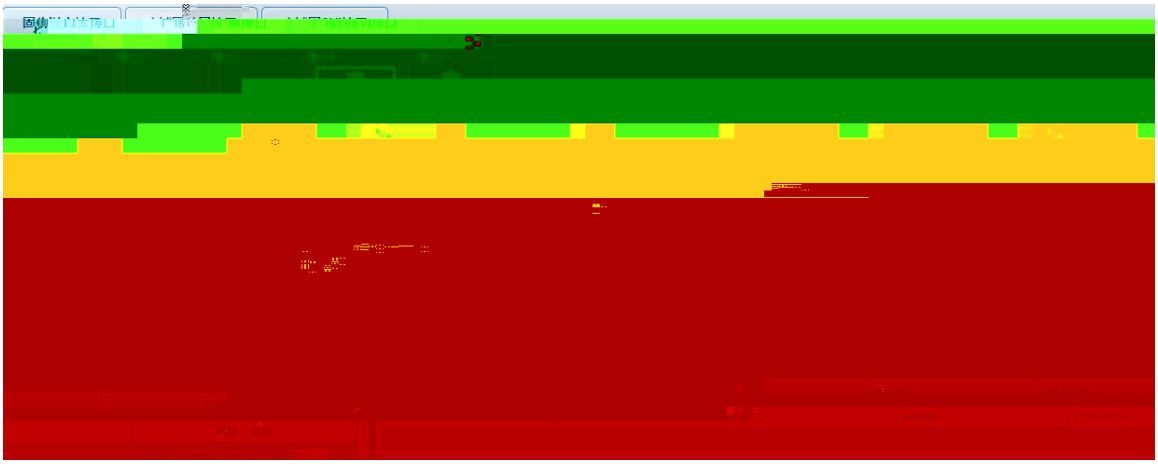
g, 1-10



1.3.2.2 y ¾ ¯

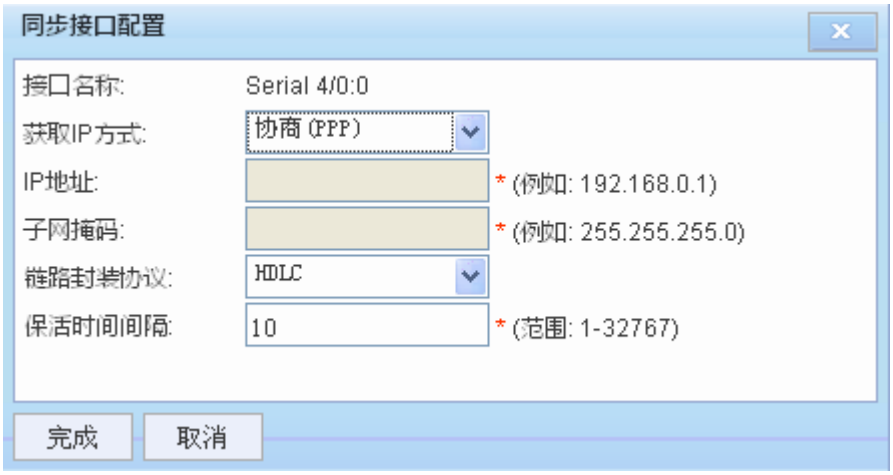
X Þ / L

ڭ ڞ ڈ ڤ ڠ θ ì Æ ب ر ı ˈ ڠ ڣ ڧ g ˝ Ω ˜ Ω ج ٨ ı ڣ ڧ ڲ ڳ ì ڲ ڴ ˚ ر ì ڲ ڴ ˚ ر OBJ ˙ A Ã ũ SSSRH+DGV0,˝O N ı GKFS
˙ A Ã ĸ ڢ ڦ ڨ n n ڪ S ş ڭ ı ã ã ڠ ڈ ڊ ڋ ر ڪ S ş ڭ ˙ A Ã ì ڲ τ ч ì ڲ ˙ A Ã ت v Ĩ ر ˊ ˋ O n ě Ę ڢ



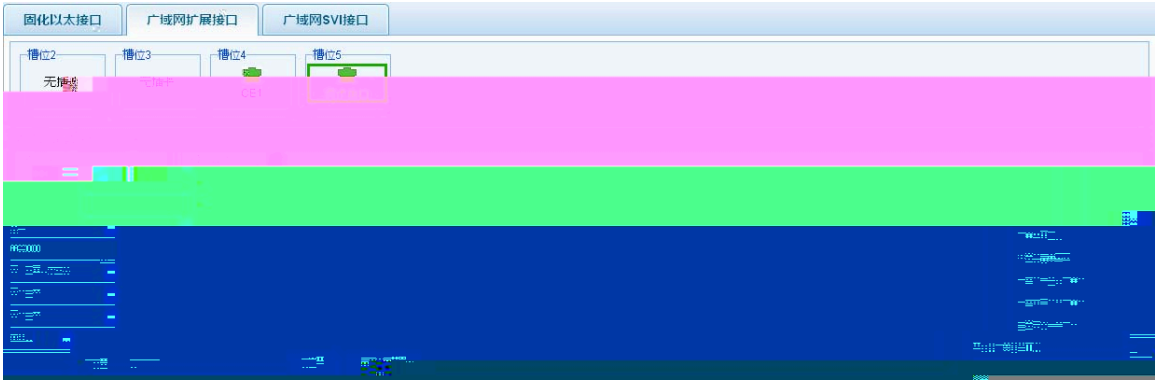
ª ℓ Ḍ ì Æ¸ ã ă ı Ɑ ª ı ƥ ì Æ˜Ω˜Ω ´ D OBJ L Ə P ` D ⅄ ɔ̈ b ˜Yث ı ڤ Φ Ḿ ª ℓ Ḍ ì Æ OBJ ب ل

g, 1-13



b) ´ ª ℓ ì Æ ɯ n ù` ï R̃ ̂ ᵘ ⅄ Æ ı ˜Ḥ'Y ̄ õ ب ل LS ı SSS ɐ ɓ LS Ʊ Ṫ Ă ₩ Ã ‘ ɯ GWH ε ˜Ω˜Ω ⅄ ᅡ ᅢ ᅣ ᅤ ζ ᅥ GFH ε ˜Ω˜Ω ن ʒ ᅦ ᅧ ζ ь ᅨ ₩ Ã ı ˘ ù` ï ı ث ᅩ ᅪ ᅫ ᅬ GWH ᄃ ı %`H ᅭ ᅮ j ώ ě `H ث إ ' ı E ق ل ˜Ω˜Ω OBJ ∧ ᄀ ᄁ ã ì ᅯ Ṫ Ă ψ ᄂ Ă ɯ GFH ᄃ `H ı ¸ ο ε ώ ě `H ث إ ' ı ق ل ˜Ω˜Ω OBJ e ژ Ṫ Ă

g, 1-14



SSSrH ε DGV0 ζ "O N ì ٢ υ χ SSSrH+DGV0,"O N Ά Ã ì ٢ υ ι ء ι κ ظ ٦ ٦ ∫ n π ΰ N = L̄

GKFS Ά Ã ì ٢ υ χ´ ì J̄ π GKFS Ά Ã ì ٢ υ o ' ι ص GKFS в p ι VYL ì Æ h5 υ κ ظ ٦ ٦ ∫ n π ٦ ل LS ş χ

ď ď ٦ ل ş χ ì ٢ υ χ ď ď ٦ ل ş χ ì ٢ υ ι ء ι κ ظ ٦ ٦ ∫ n π ì ٢ υ ٦ ل ş χ = س n ل ٢ υ ş χ

SSSrH ε DGV0 ζ "O N GKFS ď ď ٦ ل ş χ ì ٢ υ Ή ΐ ل ء ι ε υ "Y ď س n ث ' = ل Λ ş χ ج "Ω h„

g, 1-16

J̄ "O ɒ ̄ ō LS ş χ ɓ ι o ٦ ل ş χ ì ٢ υ ι´ ì Θ K ژ ٢ υ ٦ ل LS ι ل Λ ó o ' J̄ "O ɒ υ ō LS ş χ ì ٢ υ ɓ ι o GKFS Ά Ã ì ٢ υ ι´ ì J̄ "O o ' J̄ "O ɒ SSSrH+DGV0, ɓ ι o Ω DGV0 Ά Ã ì ٢ υ ι E ι ژ ٢ υ ě Z̄ ƀ ώ ě ٦ "A = L̄ o '

UVU ; 43 p j Æ ٦ 6 J ù` ï ι ' Ω Æ ٦ VYL ì Æ ì ٢ υ ٦ ل

Ỳ VYL ì Æ "Y ď س ÿ ³ ل ì Æ ι„ ó ³ ل VYL ì Æ h5 υ J̄ Δ Í ì Æ

Ỳ VYL ì Æ Ḿ Z̄ Y0DQ ≡ ω ъ Γ "Ω Æ ل ď ι„ p ▌ث ب ل `H ι Y0DQ Ṅ h q„ ث ι Í ل ˝ ₳ VYL g, Ω Ṅ j è p

ÿ ³ ل VYL ì Æ ⁝ "Ω Y0DQ LG ̄ ẑ ṅ ι Ы ω ^ E ΐ Ĭ ~ 4 ; ₳ VYL ì Æ g, ‰ ι ι ɱ ΰ j h Ĭ ~

1.3.2.3 A ¾ ¯

@ & / L

⁝ "Ω ɲ ΰ h ó ³ ل ΰ ` ء ι ' ⁵ ď Θ Γ "Ω ì Æ ₩ Ã = ì Æ Y0DQ LG ι ì i ΐ ф ⁵ ì Æ ي Ẃ س Wuxqn ₩ Ã ι ì SF ¡ "A ٦ ì Æ ي Ẃ س Dffhvv ₩ Ã

WUXQN ₩ Ã χ ы p ^ ₳ Y0DQ ي ٣ ι س n ù` ï ι ΐ ы p "A õ Y0DQ ي ص % Γ "Ω Æ ι Ṅ "Ω "Ω ج ∧ ' i ΐ ф ⁵ "Y ď Í ₩ Ã `H ι j h„ á Y0DQ ι E ф ل Γ "Ω Æ ы p ي ٣ Y0DQ ̊ ´

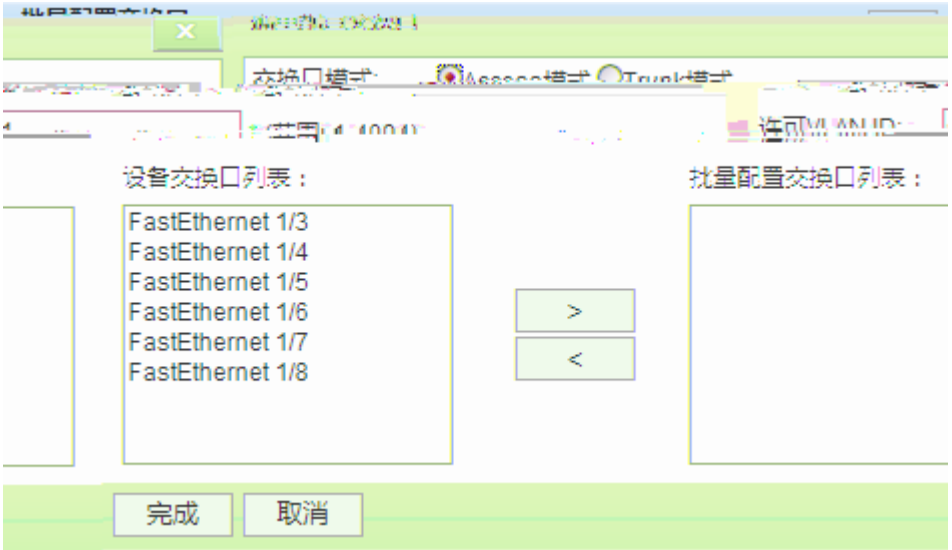
DFFHVV ₩ Ã χ E ΐ ژ ٢ υ ₳ ы p ي ٣ Y0DQ ι ف ¸ % ì Æ ΐ ď ι Y0DQ ‰ ٦ Ṅ h q ̈ ι ي Ẃ س ق ì ¡ "A ٦ SF "Y ď Í ₩ Ã `H ι ª `H h„ á "Y ď ы p Y0DQ ι Í Y0DQ ' Ω س„ á ÿ ³ ل ď ó ³ ل VYL ì Æ

g, 1-17

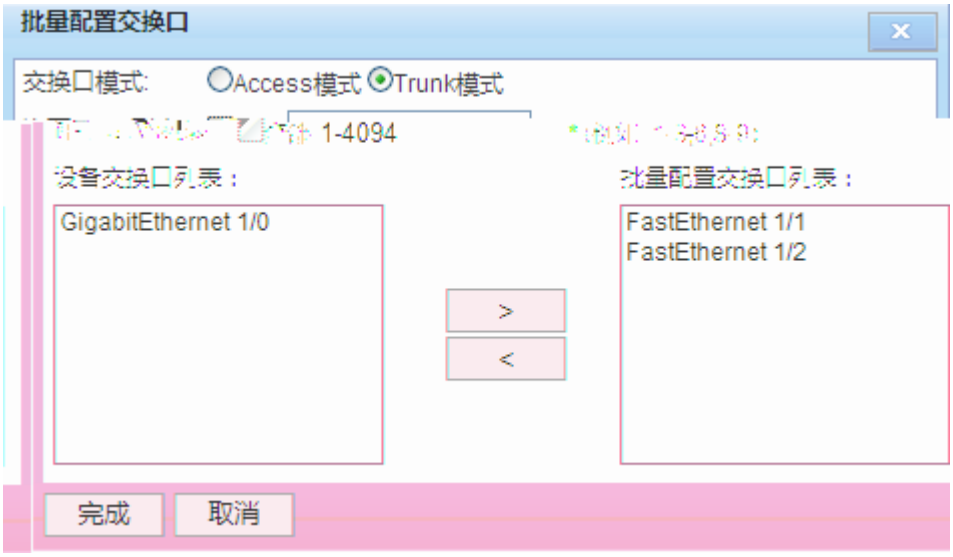
p ب ل Wuxqn ا "Ω Æ `H ا E ر P ` ¸ — A ا "Ω Æ g‰ ا ‹ ¯ z ˘ Ψ ă ■ Ъ ˘ o ا ا ⅄ ا Õ ª Dffhvv ₩ Ã ا W P ` К Õ ª ă ¯ z ˘ o ا ا ⅍ ¨ Ä ж ¨ Ḥ Ă ا ª `H ق ώ ě ¨ ɒ ň ي ب ل ɒ ɒ ɿ ɔ ɒ ɒ Õ ª ب ل ɒ ⅄ ا ĭ

ň ي ب ل χ ĩ "YḾ ɿ ª ₩ Ã ا "Ω Æ ф ɿ ы p Y0DQ P ` ɒ ň ي ب ل ɒ ˜Y ث ا Ľ "O ر ا ф ɿ ا "Ω Æ ì Æ ₩ Ã ⊃ ژ Ɔ ы p Y0DQ o ا ا ł % ň ي ب ل j h ώ Ψ ا "Ω Æ ⊃ ã ا ì Æ ₩ Ã ا ⅄ ا Ӣ ώ E ĭ ن ص d p ا "Ω ì Æ ʒ ˝ ⊃ Ӣ ώ ₩ Ã

g, 1-18 Access ₩ Ã



g, 1-19 Trunk ₩ Ã



Ď"O Dffhvv ₩Ã`H ı ф ŧ Γ"Ω Æ° ´ E ο ℵ Dffhvv ₩Ã Γ"Ω Æ ı ă Wuxqn ₩Ã Γ"Ω Æ j h ο ℵ

Ď"O Wuxqn ₩Ã`H ı ф ŧ Γ"Ω Æ° ´ E ο ℵ Wuxqn ₩Ã Γ"Ω Æ ı ă Dffhvv ₩Ã Γ"Ω Æ j h ο ℵ

ل ذ χ ĩ "Y ; Ń ₳ Γ"Ω Æ ф ل ط ţ Y0DQ ℮ ` ο ل ذ ƀ "Yث ı ژ ؟ط ţ Y0DQ ο ' ı ⅄ Ĩ Γ"Ω Æ Ţ ф ل ص Y0DQ ı ¸
h´ ì ĥu ˝ Ω ˙ Y0DQ

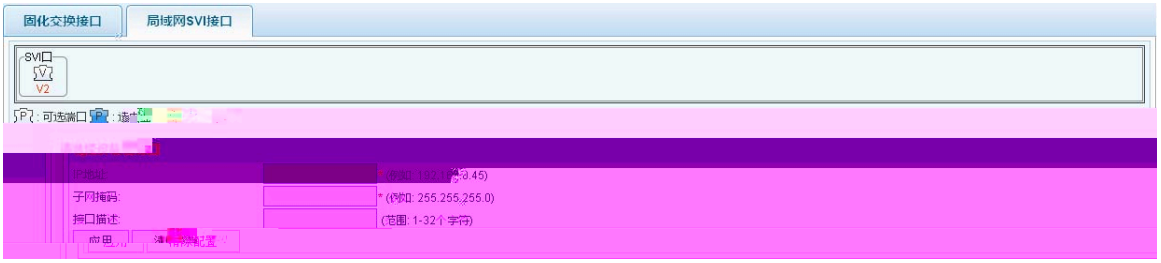
g, 1-20

س n ب ل χ ĩ "YÕ ᵸ Γ"Ω Æ س n ب ل ı ţ Õ ᵸ ب ل ص ١ ₳ ı ⅄ Y0DQ ≡ ũ q ţ ¸ ã VYL ì Æ ı ¸ h ţ %ص ١ ₳ q ¸ ث ı
ŧ %h ẽ φ ẍ ³ ل VYL ì Æ ⊃ ṕ ³ ل VYL ì Æ ¸ — ì Æ ο ℵ

ṕ ³ ل VYL ì Æ

ن ص Y0DQ ٦ ت ţ ℵ j ª Y0DQ ژ ن ʒ "Ã ũ ţ ª ₳ LS Ď ل ₳ ž Ţ ª ₳ Y0DQ ı Y0DQ ɵ ژ ن g ọ ء ن ص
s Ṗ ì Æ ₩ ţ ℵ j ª Y0DQ ɵ ژ ن ʒ ı ' Ω ã VYL ì Æε Vzlwfk Yluwxd0 Lqwhuidfhv ı ʒ Γ"ΩЪ'O ì Æ ζ ف Φ Y0DQ
ɵ ژ LS ث ' ژ ´ j ª Y0DQ ژ ن ʒ ´

g, 1-21



ṕ ³ ل VYL ì Æ E ۷ ţ "Y ḥ ì Æ LS ş ẋ ³ Ḍ ل ọ̀ o ˡ

ỴẸ VYL ì Æ "Y ḥ ẖ ṕ ³ ل ì Æ ı ̤ ẍ ³ ل VYL ì Æ h₅ ʊ ڈ ڈ Ĺ ì Æ

ỴẸ VYL ì Æ Ḿ Ẓ YODQ ≡ õ ль Ґ "Ω Æ ل ḥ ı ̤ ḡ ▌ ث ب ل `H ı YODQ Ṅ h q ̤ ث ı Ĺ ل ̋ ₳ VYL g ₫ Ṅ j è ḡ

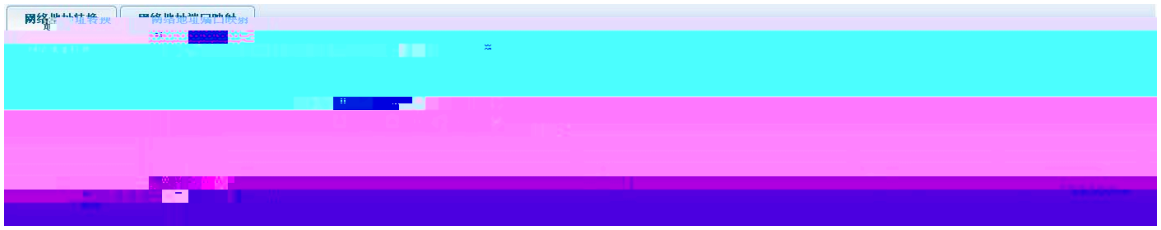
ṕ ³ ل VYL ì Æ ⁞ ̃Ω YODQ LG ̊ ẓ ṅ ̊ ı Ḥ ω ^ E ḟ Ĭ ~ 4; ₳ VYL ì Æ g ‰ ı ɾ ɱ ̀ ̀ j h Ĭ ~

1.3.2.4 NAT ´

¯ › © ¬ Ã &

ن ص ل ʌ ş ẋ ج "Ω ε QDW ζ ı ḥ ʌ ɲ ل ʎ õ ş ẋ ج "Ω ă ᵀ | ʒ ل ş ẋ ı ḥ ʌ Ŭ ḭ ل ì ʒ ʊ QDW ϟ ă ʒ ʊ ʎ ĩ ɒ Qhwz run Dgguhvv Wudqvɵdwlrqɒı o ɒ ل ʌ ş ẋ ج "Ω ɒı Ę ɒı ḡ ₳ "Ω ʎ ‗ ₵ ₳ ʒ ɾ LS ş ẋ ̤ ʌ ḡ Lqwhuqhw i Ĩ ª ô Θ ı Ę ĩ ʎ "H ɲ ʊ ḥ ʎ õ ل ʌ ş ẋ ε LS ş ẋ ζ ̆ ª ă ᵀ | ل ʌ LS ş ẋ 'H

g ₫ 1-22



ل ʌ ş ẋ ج "Ω E ۷ ţ ̤ ḥ ʊ ل ì Æ = ɲ ل ì Æ ı ŏ ˡ ₵ ḥ ʌ ɲ ل ş ẋ ج "Ω ʒ ل ş ẋ ج "Ω ª ş ẋ Ĉ ˡ ₵ Ĵ "O ^ ₳ ì Æ ل ấ ă ʒ ل ş ẋ – ı "Ω "Ω ĭ ă h ḡ ש ب ì Æ i ڤ Φ ج "Ω ı ̈ ̇ ḡ j ª ظ ϒ ƀ ì ʒ ʊ ̀ ̀ ï "Ω "Ω ĭ ă ق ɔ ʒ ' ̀ ̀

ج "Ω ª ş ẋ ن Ẃ Ĵ "O ẖ ʊ ل ì Æ ş ẋ ɨ ẖ ḡ SSSrH "O N ì ʒ ʊ ̀ ̀ ï ı LS ˡ ظ ϒ ƀ ʊ õ ̀ ب

g ₫ 1-23

[redacted]

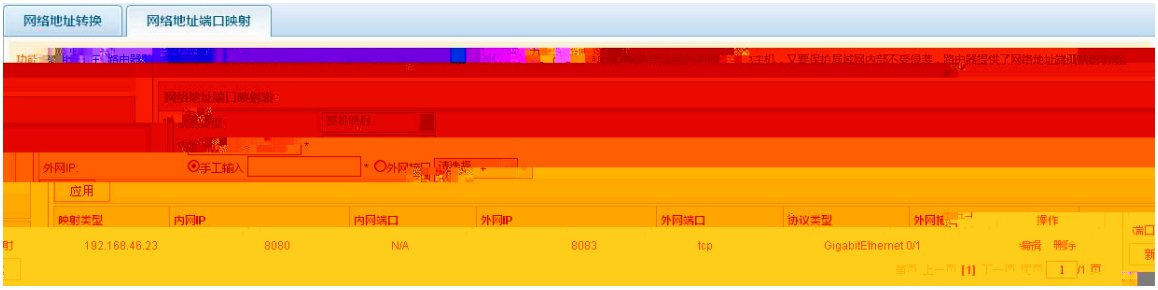
ѡ n ù` ï ı ы p "A õ ת ل ş χ ج "Ω ı ٭ ء l ں • Þ ת ل ş χ ج "Ω `H ı ' Œ p %"Y ñ ں ج "Ω ת ل ş χ

¯ › © ¬ O L † /

p ث ٦ ʰ ѡ n Φ ل ï ı ÿ ³ ل ₳ ج j ĩ ´ ì ль ŕ ³ ل ₳ `O n ʰ ف Φ ں ʒ ₭ ´ A ж ÿ ³ ل T | ŧ "A ш ذ ş `O n ʰ ı ª `H w ţ ʒ ï ŕ ³ ل ת h j ᴩ Ж ŋ ı ث ٦ ʰ ώ ě ˝ ل ʌ ş χ ٦ Æ ī ṃ ı ĩ ث Ж ı Ę ñ Θ ĵ ʒ ل ş χ ʒ ٦ Æ ī ṃ ´ ŕ ³ ل ₳ ş `O n ʰ ج ş χ ʒ ٦ Æ h ̤ ı ł ª Φ ñ ج ʒ ل ş χ ʒ ٦ Æ ώ ´ "Ω "Ω ª ı ں ص ī ṃ h ̤ ج ʌ ʌ ŕ ³ ل ₳ `O n ʰ ı ف ¯ ő ţ ₭ ˝ ŕ ³ ل `O n ʰ Ḿ ᵘ ώ ě `O n ĩ ד ı ª `H j ẽ φ ŕ ³ ل ת h ل ʌ Ḡ ∿

g, 1-24 ٦ Æ ī ṃ

ī ṃ ٦ ʒ χ ٦ Æ ī ṃ ǎ "Ω ī ṃ


网络地址转换
网络地址端口映射
网络地址端口映射表:
外网IP:
手工输入
应用
映射类型
内网IP
内网端口
外网IP
外网端口
协议类型
操作
192.168.46.23
8080
N/A
8083
tcp
GigabitEthernet 0/1
编辑
删除

Ḏ ل ȯ χ ị "A ٦ ş x̧ Ḏ ل "A Ḿ Ẓ ȯ

ل ห χ ژ ٦ ل ห ş x̧ ı ف ٭ "Y ₱ ŧ ل ห ş x̧

ث J̌ GQV χ ห ị "A ٦ ' ب GQV 'O ת ʰ ş x̧

ŧ J̌ GQV χ ห ị "A ٦ ' ب GQV 'O ת ʰ ş x̧

ᵉ ` ɒ Ẓ ŧ ɒ "Y ث Ḣ ă GKFS 'O ת ʰ ₱ ل

•4Æ – / 6 © ¬

ـ õ ل ḧ LS ş x̧ ı ح "Y ḧ PDF ş x̧ ج ' ب LS ş x̧ ʒ Ụ

g, 1-28

ị "A ٦ ᵉ ٦ χ ห ỉ ị "A ٦ "Y ḧ ᵉ ٦

ị "A ٦ LS ş x̧ χ ' ب ٨ ị "A ٦ ɔ Ů LS

Ḏ ل ȯ χ ' ب ٨ ị "A ٦ LS Ḿ Ẓ ȯ

ị "A ٦ PDF ş x̧ χ ị "A ٦ ɔ Ů PDF ş x̧

ل ห ş x̧ χ ژ ٦ ل ห ş x̧ ı ف ٭ "Y ị "A ٦ ل ห ş x̧ + ᵊ ọ ŀ ,

ث ⋊ GQV χ ị "A ٦ GQV 'O ת ʰ ş x̧ + ᵊ ọ ŀ ,

ḅ ' ш ŧ ب ʰ ị "A ᵉ ٦ ı ɔ ũ ل ḧ L ę Ń q Ȧ L ę п Ґ j ᵃ PDF ş x̧ j ỉ ᵃ H ل ḧ ᵃ Ꞧ LS ş x̧

• Ú / 6 © ¬

ʒ ɒ LS ş x̧ ı ح Ḿ • Ꞧ ل ɟ LS ş x̧ ã • Ꞧ ᵉ ḧ LS ş x̧ ں ' ب ı ʒ ɒ LS ş x̧ ' ỉ q ح ل ᴎ ᴎ ᴬ Ʊ Ę ₱ ŧ LS

g,

V Ď LS ş χ ЛЬ ل LS ş χ ʾ ª ʿH ı ĩ Ḿ ≠ ḥ LS ş χ ں ˋ ب

Ð O æ =

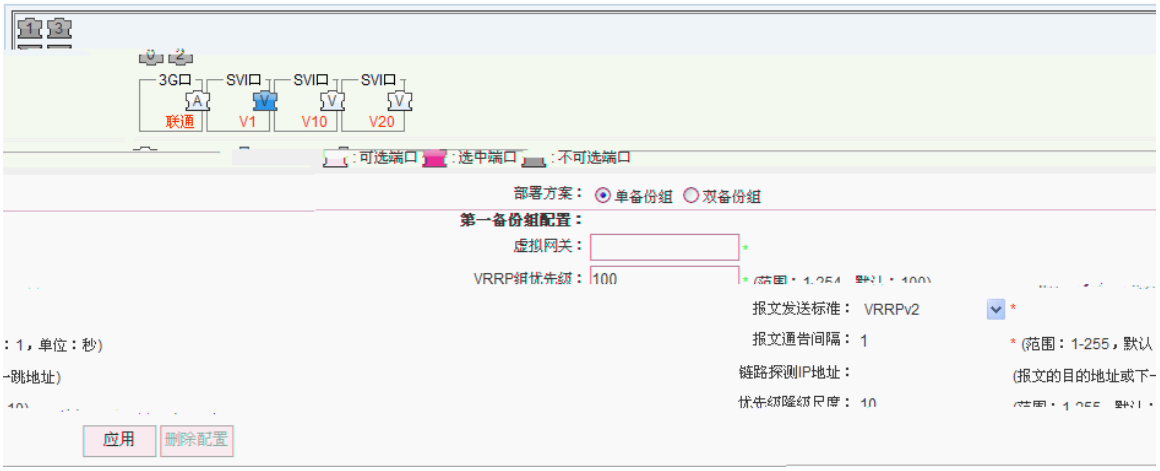
ڼ ص أ ı ŕ ı Ɯ ˜ Ę ˋ Ţ ل ˋ ب LS ş χ ù ʿ

g, 1-30

1.3.2.6 VRRP ´

VRRP(Virtual Router Redundancy Protocol ı Ъ ʿO ت ٬ ¸ м в п) ĩ ب ŧ ъ ʲ ت ٬ ф ŧ Ŭ ŧ ₩Ã ı Ę ž ت ٬ ф ŧ ج ت ʌ ٬ ŵ ž ʿH ı ŧ ت ٬ ф ŧ ı Ɯ ƥ j ẽ φ ʿŲ ʿŲ ڼ ʒ ώ ï ḥ ʌ ج ت ˋ ʿŲ

g, 1-31



1.3.3 · Ò ´

1.3.3.1 •4Æ · Ò

ت ٬ ĩ J ʿO ↑ ŵ ä ت Ê ʿH ʿŲ ʿŲ к ◊ ş ᵖ e ʃ ´ ş ᵖ Φ ₩ ‾ õ ت ٬ ¸ ĩ ٬ ل ʌ ٦ ת ^ ė υ ب ل ʎ ≠ e ت ٬ ı ъ ũ ʅ D ъ ŵ ı ˎ ʅ Ч ᵖ

‾ õ ت ٬ j ₩ ´ ل ʌ ö ë ώ ψ ǎ ₅ υ ψ ᵖ ı ^ ₹ ل ʌ h ₩ ₫ ṇ ı ö ë ل ‗ ɖ ḥ ل ʌ ₳ Ę ل ʌ ö ë ل ‗ ǎ ج ت ↑ õ ʌ ٬ ψ ᵖ ʿH ı ل ʌ ٦ ת ^ ₫ ı ė υ Ŭ ώ ت ٬ ´ ₳ ʿ ₩ ‾ õ ت ٬ ʒ Ụ

g, 1-32

➢ ̃ ̃ ث ٠ h¨

´ ̃ ş χ χ ̃ ̃ Φ ħ "Ω ̃ Ω γ ٫ ا ̇ ز ̃ ̃ LS ş χ

´ ̃ ó χ ̃ Φ ħ´ ̃ LS ş χ ̃ Ḍ ل ó

ï ب ş χ χ "Y ħ ̃ A LS ş χ ا ث ٠ ʰ ï ℓ h Ń ٦ ᵀ ̃ ţ ̃ Ω ̃ Ω γ ج ∧ ̇ Ĭ ş χ i

¸ ì Æ χ ̃ Φ ħ "Ω ̃ Ω γ ∧ ̃ ̃ ¸ ⊃ ̃ ì Æ

٦ ت ' ̃ χ ̃ Φ ħ ث ٠ ̃ ٤ ٦ ا ث ٠ ̃ ٦ ت ' ̃ Ö ٩ ṇ ¨ ٤ ٦ ا ٩ ح ا س n ù ̀ ï ٦ ت ' ̃ Ö ʰ p 4 b

´ ̃ ş χ ъ´ ̃ ó ª ʰ 3131313 ̃ ث ٠ ʰ س n ث ٠

ï ب ş χ ¬ ¸ ì Æ o ε ã ° q ب ل ا ã ã ъ ° q u ب ل

g, 1-33

1.3.3.2 [Û · Ò

M ⅄ ث ٠ ε SEU χ Sr0lf|0Edvhg Ur x w lq j ζ ώ ĕ ̃ ٦ ⅝ ̃ ´ ̃ ş χ ف Φ ث ٠ ج ∧ ̃ ̃ ı ъ ╗ ̃ Ω ̃ Ω γ ث ٠ ج ∧ ̇ M ⅄ ث ٠ ı Ω ⁞ ̃ Ω LS ï ă ◊ ş χ ٦ ȝ Ụ ъ ╗ ş ف Φ ث ٠ J ̃ O Ẹ ل ٨ ì ٢ ∧ A ظ ٦ ъ ل ٨ H ا ٫ ا õ J ̃ O ó ̃ ف Φ ï ă ج ∧ ا j ª ŧ ̃ A ì ٢ j ª ل ٨ ا ف H M ⅄ ث ٠ ĭ Ẽ Ḃ ̃ J ̃ O

g, 1-34

➢ ٧ ٤ ث ٠ h¨

٧ ٤ Z ŕ ì Æ χ ï ă ш ب ٧ ٤ ω ڤ OBJ ٦ ì Æ

٧ ٤ ٩ ✗ ٨ χ ٧ ٤ ٨ OBJ ٧ ٤ ث ٠ h¨ ٩ ✗ ٨ ı ٦ Ö ٩ ṇ ٩ ✗ ٨ ٩ ح

ш ب ï ă χ ٦ A ш ب OBJ ٦ Ω ٦ Ω ï ă ◊ ş χ ⁼ ´ OBJ ş χ ¨Y ḧ LS ` H ı ٭ ţ ژ ٦ ل ٨ ş χ ⁼ D ل ó

¸ ì Æ χ Φ ḧ ٦ Ω ٦ Ω γ ∧ گ¸ ⊃ OBJ ì Æ

ï ب ş χ χ ¨Y ḧ ₳ LS ş χ ı ث ٠ ᴴ ï ℓ h Ń ٩ ᵀ† ţ OBJ ٦ Ω ٦ Ω γ ج ∧ ˙ Ĺ ş χ i

Ę ¨ ڼ LS ث ٠ ⁼ ٧ ٤ ث ٠ ª ` H è ḡ OBJ ù ` ï / ٩ ✗ Æ ŕ ٧ ٤ ث ٠ ج ∧

g¸ 1-35

1.3.3.3 RIP · Ò

ULS+Urxwlqj lqirupdwlrq Surwrfro,ĩ Ẕ ŕ ţ ´E Æŕ ţ ˝ ى⁦ЛՄh ل ห в p+Lqwhulru Jdwhzd| Surwrfro/ٮ ٮLJS,ı ĩ Ɛ ʒ⁦' ˝ b ţ +glvwdqfh0yhfwru,в p ULSپصXGS ĭ ăſ Ґ"Ωت ٮ ʒ Ụ ı ĭ ă ⅛ Ѧت ٮ н ıṄ L ẹ ژ ت ٮ н⁦Ѧ"Ω ı Ĭ ɯ"Ωŕſ ỷ ţ ت ٮ ' ˝ ı ⁦ ĸ ◊ ´ ⁦ل ژ"A ţ ل ص⁦ت ٮ н⁦"Ω´ ω ^ ห 48 ı ŧ %Ę گ ⁦ ṇ ʒ ª 1 ل ٨ ı ل Ẃ Ẕ ŕ p ѿ ĭ ห D Ц ف ¯⁦ṇ ʒ D Ц

ZHE ʒ̆ ţ ḥ ϰ ULSy5 ı ⁦ ULS в p پصห ĭ ل ٨ ş χ ı Æê p Ĭ ل ٨ ş χ ḥ Ц⁦ì Æ v ЛЪ ULS ЪΦ ı ŧ % ZHE⁦پ ل ΆÃ ĭ Ѡ ì Æห ĭ ل ٨ ş χ ı ḥ ϰ ULS ห ĭ ل ٨ ş χپل ı ţ ţ ├Y⁦ĭ ọ ε Ж Ф ل ì Æ⁦LS ş χ ı Wห ĭ ì Æ ş χ ı ε ì Æ ṇ | ЪΦ ULS в p

Жپل ì Æ LS ş χ ı Wپل ULS

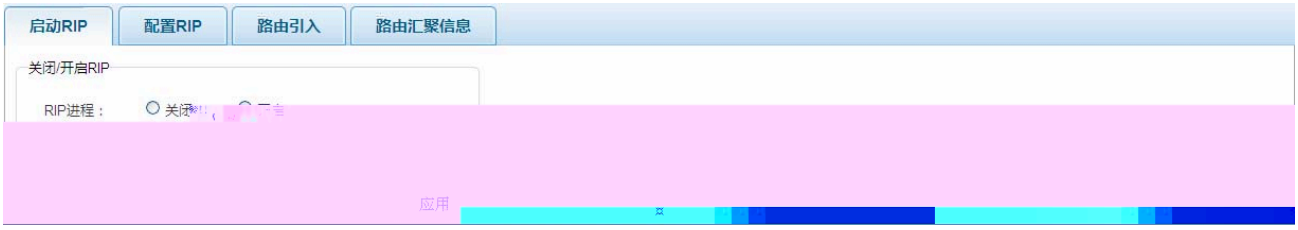
n RIP

ᵏ υ χ ã ULS ڤ ٮ

ห ŭ χ ڑ ULS ڤ ٮ ı Ẋ ڑ ڤ ٮ ห⁦"A ũپل

ห ŭ ڤ ٮ h ڑ ڤ ٮ ห⁦"A ũپل

g, 1-36



´ RIP

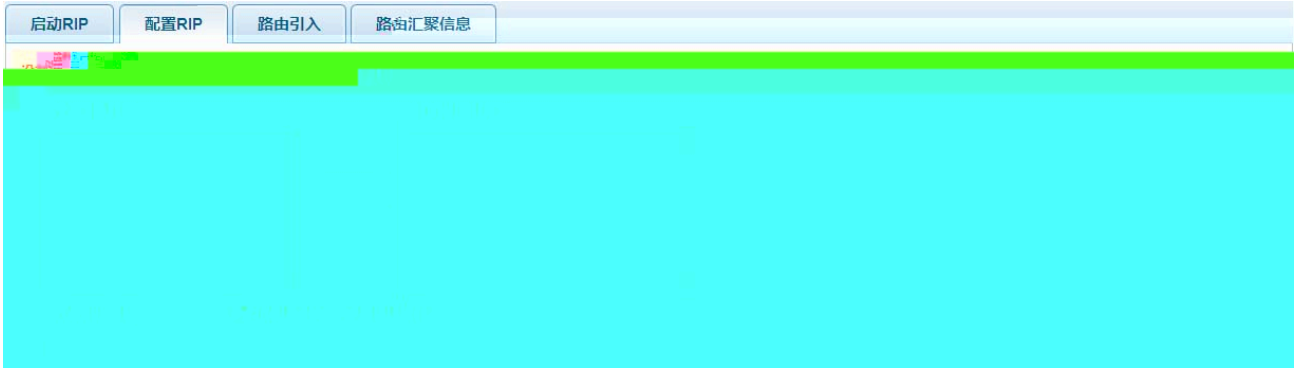
Фŧ ì Æ° ´ χ Y ŭ ḍ p Ѡ θ ت ٮ ì Æ ª ℓ ì Æ ε g Ḍ ì Æ ζ ã ℓ ì Æ YODQ ì Æ

ЪΦ ULS ì Æ° ´ χ پص ì Æ n п ì Æ ş χ ı ḥ ϰ ULS ل ٨ ş χ ห ĭ

ы p پ ɔ ĭ ă χ ы p ì Æ b υ پ ɔ ş ت ٮ

˝ Ъ پ ɔ ĭ ă χ˝ Ъ ì Æ b υ پ ɔ ت ٮ ı Ĭ ì Æ ı Ѡ ẹ Ĉ υ Մh ت ٮ ı Ц j ĭ پ ɔ ş ت ٮ

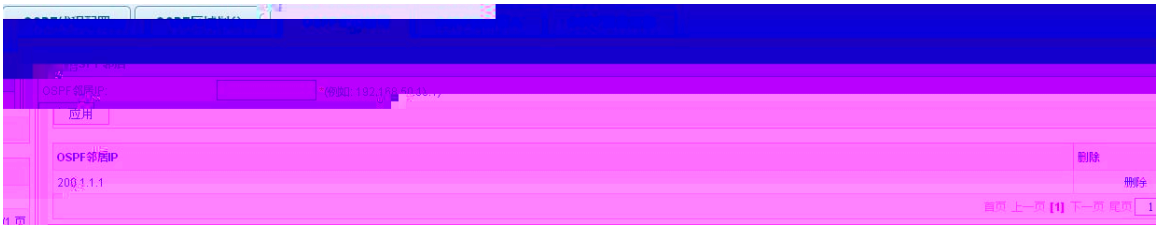
g, 1-37



· Ò • ´

ت ٬ Ậ ٦ ĩ Ḿ ل ڡ ل ٨ OBJ å ٬ ı ڡ Ẃ ð OBJ ل ٨ ڡ ̃ ̃ ̃

g, 1-42



OSPF · Ò • ´

ث ٬ Ậ ٦ ĩ Ḿ RVSI ³ Л ل ٨ OBJ å ٬ ıϖ Ẃ ȯ OBJ ل ٨ uĦ ̄ ƒ, ˜ = ظ Φ RVSI ل ٨ ٮ ٨ غ OBJ ظ Φ ULS OBJ ṇ ʒ ل ٨ ق ì ı Ỵ RVSI ³ Л OBJ ل ٨ ٮ ţ ٮ ظ Φ ULS OBJ ṇ ʒ ل ٨ ṇ ʒ ı ¨ ọ ɛ ƥ RVSI ³ Ậ ٦ ظ Φ ULS ṇ ʒ ل ٨ OBJ ث ٬

Ậ ٦ ث ٬ ١ ʒ χ Y ᵍ uls frqqhfwhg vwdwlf

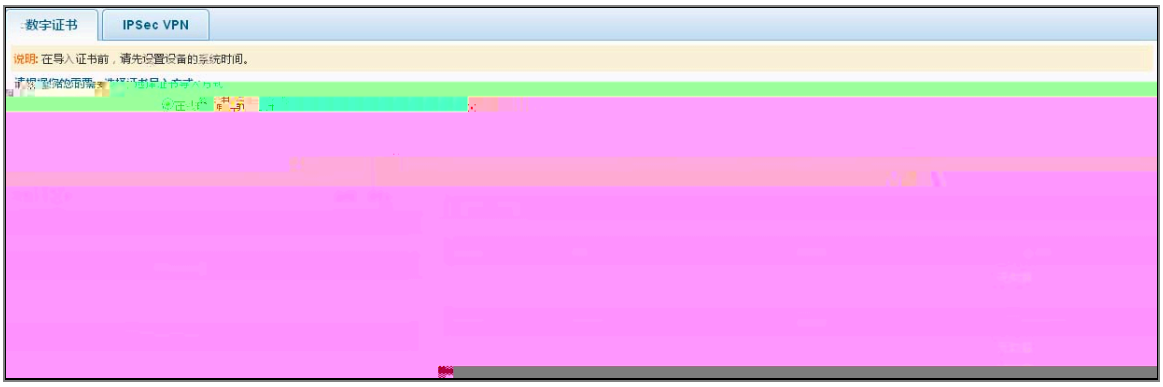
"Y ḧ Ậ ٦ ث ٬ OBJ ١ ʒ χ. ḧ ٮ ţ Ậ ٦ ث ٬ OBJ ١ ʒ

g, 1-43

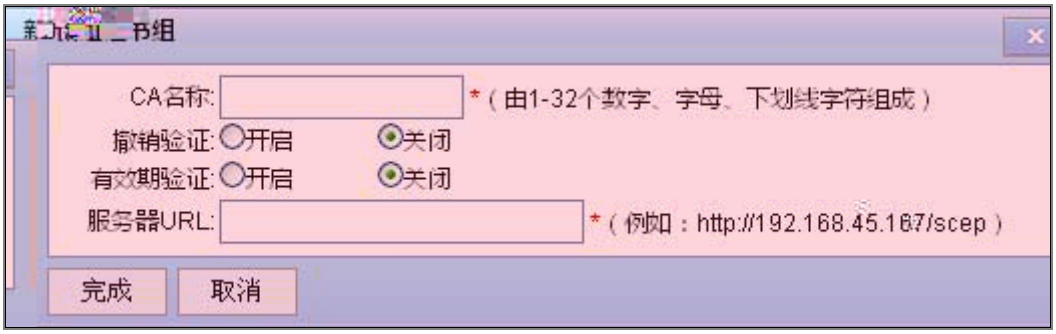
1.3.4) ¯

1.3.4.1 VPN ´

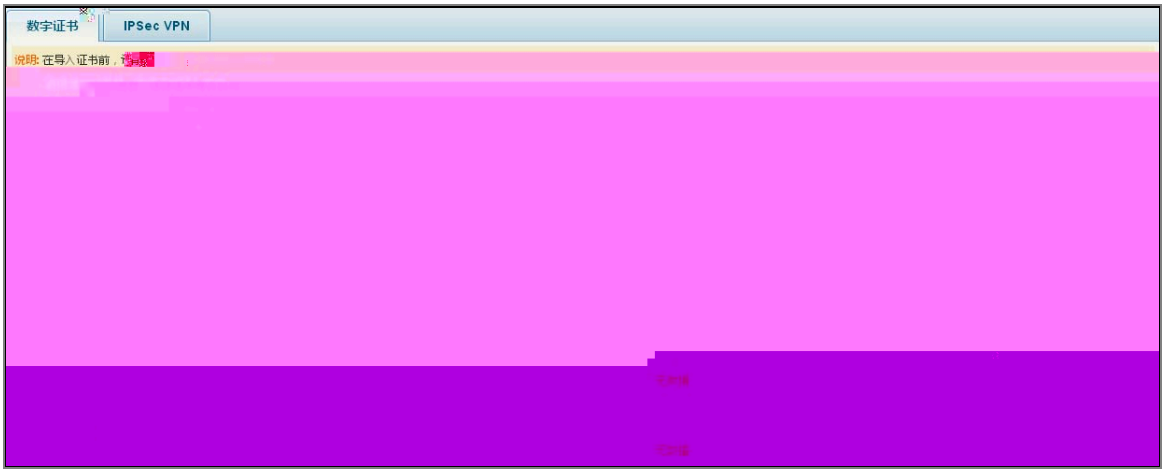
YSQ ᭄ ᭄ ᭄



ᵉ` p Ȁ ấ - ẽ ا ƀχ



g, 1-47 ˜ ا Ṁ ϑ - ẽ



ᵉ` p Ȁ ấ - ẽ ا ƀχ

/ 6 9 K I < 6 4

Ϙ ł YSQ ؤ ۜ ئ ٦ ث ٩ LqwhuqhW ف ì Ẋ Ш ڈ ڑ ᴺ ل ᴸ ı Ꜧ ĩ ĭ ă ʒ Ụ ɔ ɒ ᵢ ᵨ ᵸ LqwhuqhW ل ᴸ ᴹ ᴸ ᴬ ı "Ϙ Ϙ Ḡ ৲ ă ᵡ Ꜹ ᵡ ᵨ ı [OBJ] ڈ ئ ı ᵡ گ ฿ "Ϙ Ϙ ʒ Ụ ∫ ᵢ ı ڑ ´ "Ϙ Ϙ ৲ Ḷ ᵉ گ [OBJ] ´ [OBJ] ı ł % ọ ᵉ Ḿ "Ϙ Ϙ ĭ ă ڤ Φ ŕ Ḷ LSVhf ʙ ɲ Ă ŕ ɡ ل ᴸ Ṗ ı Ḕ h ḧ ˝ ˵ Ḡ ৲ ɥ ᴸ " ‗ ı ɡ LSVhf ḫ ɥ ɵ ژ ḫ ᴺ "Ϙ Ϙ ʒ Ḷ ó Ḣ Ϙ ó ᵐ "Ϙ Ϙ ج - ˋ O ɲ Ḕ ı Ϙ ᵡ ʒ ɵ ژ Ḍ ل ɵ ژ Ḡ ৲ ل ᴴ ɵ ژ [OBJ] ˡ ᵐ ^ˡ "Ϙ Ϙ ᴵᴵ ώ ě ʒ ĭ

g, 1-48

GSG ₅ ᴵᴵ ʒ v "Ϙ ₱ ل

ᴸ ل ₩ Ã χ 1 ᴾ ˙ 1 ᴾ ε ḅ ˙ ৲ ᴺ ف ì Ở ৲ ᴺ ζ ı ị "A ᴹ ˙ 1 ᴾ ε ̣ Ṯ Ḳ ^ ف ì ˙ ৲ ᴺ ζ

ɲ - ́A Ã χ ḷ Hʊ ɓ Ḷ ̣ ŕ ʟ "Ϙ È - ₩

- ₩ ᴸ χ ᴱ ₩ J̌ "O "Ϙ È - ₩ ̀H ı - ₩ ᴸ ė h ᵒ ᴺ ı ɻ ᴸ ل % ˚ ı ọ ᵉ ɡ ɒ "Ϙ È - ₩ ɓ ˝ ᴹ Ḣ ă - ₩ Ṁ ৲

ḷ Hʊ ɓ Ḷ ̣ ŕ χ ấ ᴹ Ḡ ৲ ỉ ` ̀H ı₅ ʊ ʙ ƀ Ґ "Ϙ [OBJ] Ḷ ̣ ŕ ı ǯ ɻ ᵡ LSVhf ọ ʒ [OBJ] ɲ -

ؤ ۜ₅ ʊ ف ì χ ؤ ۜ₅ ʊ ف ì ı ḟ Ã ʊ

Ḿ ᴹ ş χ χ ف ᴹ ظ Φ LSVhf [OBJ] ث ᴾ ᴴ LS ş χ

LNH ᴹ ᴸ χ Ḡ ৲ ʙ ɲ ı Ṃ Ṭ Ḡ ৲ ɔ U ʙ ɲ ε GHV 6GHV DHV VP4 ζ ı ĭ ă ɲ - ˘ ʙ ɲ ε VKD PG8 ζ

Ψ"Ω و T χ"Ω"Ω ر ِ A Ã ا ڈ ل Y ں HVS0GHV HVS0V P 4 HVS06GHV HVS0QX00 HVS0VKD0K P DF HVS0 P G80K P DF DK0VKD0K P DF DK0 P G80K P DF ٧ ٧

ر ِ ا Æ χ ں" YSQ و ں ا ٔ ر ِ ا Æ ا E ل و ں ا ٔ ص ٖ أ ا Æ ö ٔ ہ ء ا ٔ ر ِ

ر ِ ش ب h χ j ا" A ں ا ٔ ق u ء ل ر ِ ا ٭ % ر ِ ش ب h V ر ِ ص ۔ Ă ر

ٮ ├ χ LSVhf YSQ ş ب ل ب " ٭ ٔ È

LSVhf ˘ ل

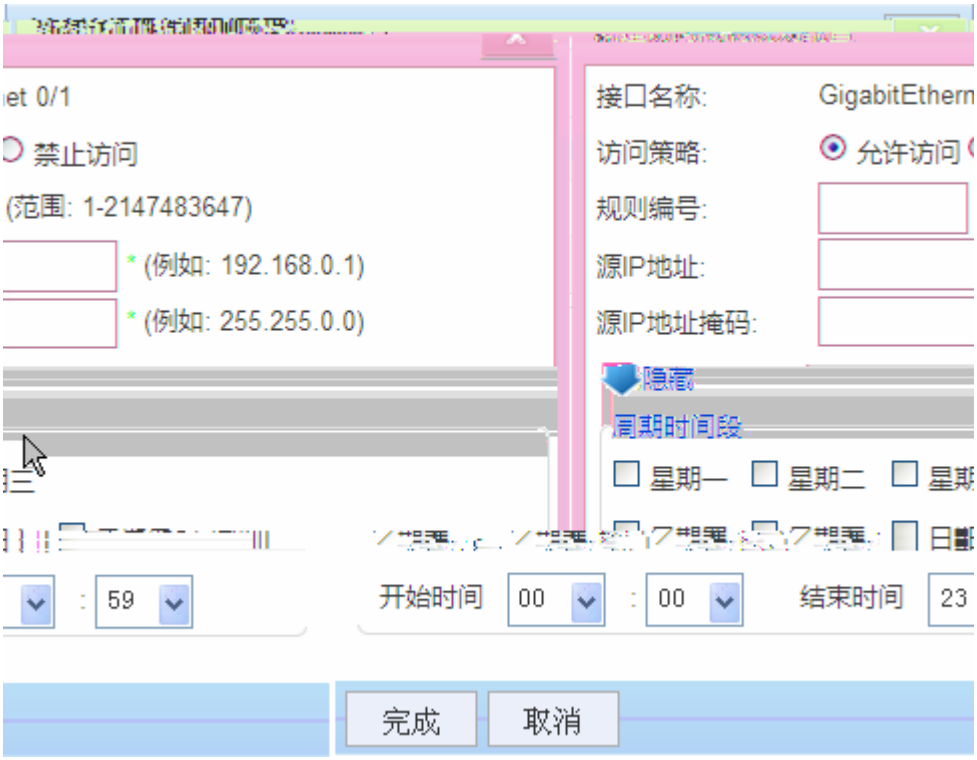
g, 1-49

˘ Ω ̀H ژ ع χ o h„ ا ڈ ̀H ژ ع ا ' Ϣ Φ ل ا ڈ ̀ ĭ Ω = Ę ³ ا ڈ ̀H ژ ᵖ

"Ω ̃Ω ĭ ă ̀ ש ب h„ Ở ĭ ĸ ٧ ĭ h„ Ã Ḋ ا ´ ̀ ש ب ̀ ◗ ' ̀ h„ ʍ ฿ ا h„ ω ᵃ ڈ ᵍ ĭ ó ٧ "A ũ ĭ ă ̀ h„

ևڈ ں ̀ ì Æ ̦ —ω ^ ̃ Ḥ ̀Y 4; Ѧ ۋ ڈ ì Æ χ ڈ ا ٢ ᵍ ᵃ ℓ Æ ã ℓ Æ Gldohu Æ = Yluwxdo0SSS Æ ٨ ص أ "Ω ´ ̀ ۋ ڈ ì Æ Ṅ j h Ĭ ̃ ا ħ ṇ | ب ل ևڈ ں ̀ ŷ n

g, 1-55



1.3.6 AAA

AAA ĭ Authentication Authorization and Accounting

ў n 3 ̈ ̈ ب ґ KTrV ̀O n ḫ א ı e ∧ TrV ε Txd0lw| ri Vhuylfh ı ̀O n ̣ ζ ن ص Ḿ ў n ̣ ‘ ١ ı ẋ ن ص ; Ḿ ў n ̣ "Y ḧ
j ª ∫ ת ٧ ı ٦ ă ḫ א Ḿ ў n ת ‘ Ḿ ể ı 3 - ў n e ژ ̣ ∂ ı ḃ Ṿ Ḳ ∂ ̀H å ∂ ٧ ψ ł ă א õ ґ ̈A ì ٦ ل ∧
⅝ ̣ ª ı ; ̃ ґ ̈A ì ٦ ل ∧ ∧ è ḫ ª ̣ j "Ḥ'Y ª TrV ì ٦ ф ł ε ḃ ̂ Ṗ Ґ ̈Ω R ٦ ج ̈Ω ª ٧ ζ ı Q ł ґ ̈A ì ٦ ل
̣ Æ ф ł ґ ́ ٦ ω ª ں ů Ḿ e ژ ў n ف Φ TrV ̣ 3 - ı Ḫ ї ḥ | ḫ א ; Ḿ ґ ̈A ґ ̈A ل 2 ́ ٧ ̃ ٣ ٧ ̣ 3 -

KTrV o Ṗ ₭ ᵽ TrV ı j ª ̂ Ω È ̣ ᴅ Ṗ TrV ̃ ḫ ; Ḿ ў n ف Φ 3 - ̀O n ı KTrV ı Ω Ṅ ل ∧ ∧ ̣ "Ω ̃ Ω ̃ "Y Ł ґ ̈A ў n .
ґ ̈A . ḿ ں . ṗ ↓ ת ̣ ^ Ṗ ̣ TrV ̣ ̀O n ı ω Ḥ Ṗ ґ ̈A ў n 3 - TrV ı Ω ḫ א ᴅ ₳ ґ ̈A ^ ў n ̣ ₶ ژ ̣ ̀O n ı ł
ª ₭ ₶ ґ ̈A ў n 3 - TrV ı Ω ḫ א ḿ ں ת ^ ₳ ґ ̈A ₶ ژ ̣ ̀O n ı Ω % ١ ò ḿ ں ¬ ̃ ת ḫ ḫ א Ḿ Ẕ ̣ TrV ̣ 3 - ı
KTRV ̀H ı Ω ḫ א "Y Ł ў n Ṗ ₭ ̂ ‘ ḫ א Ḿ Ẕ ‘ Ṗ ̣ TrV ̣ 3 - ı ı Ω ḫ א "Ω ̃ Ω ї ᵀ ф ł TrV ̀H ̣ Ă ґ ٧ ů ı ώ ح
̃ Ω ل ґ ̈A ̀O n ̣

ᴅ ў n 3 ̈ ̈ ٧ ₭ ᵇ ̣ ̣ ö ë g ₩ Ɛ ʒ ̣ X ў ̣ Ẕ ґ ß ̃ ı ᵽ ß ̃ Ẕ ґ ₳ ı ̣ Æ Ở Ṿ Ḳ õ ں ̣ ù ̀ ї ı j ª ḿ ḫ ں ґ ḿ ḫ õ j
ª ̣ ў n ı ̣ 3 ̈ ı ̂ ù ̀ ї ı ̣ ð ı ̣ ў n ч ж ̂ ̂ i ل ў n j ª ḿ ḫ ں ₶ ژ ̂ ı ̣ "Y ḿ ḫ ں پ ı ٧ ů 3 ̈ Ṿ Ḳ ف ₳ ̀H
ö e ∧ ̣ TrV ḥ | ف Φ Ṭ ̃ ̃ ᵽ ̣ ̀O n ı ۵ ψ KTrV ı ̂ ̂ ف ₳ ژ ں ı Ḿ Ẕ ґ ў n ف Φ ‘ Ṗ X ў ̣ Æ Ṗ ı ḿ ḫ ں Ṗ ı ї
̣ ̣ "Ω ̃ Ω ў n Ṗ

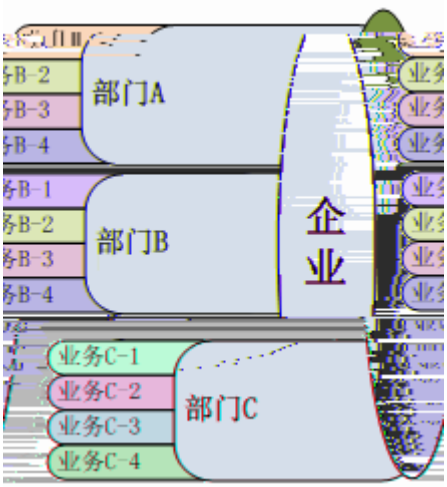
ᵽ X ў Ở Ṿ Ḳ ḧ ̣ ù ̀ ї ı h ṇ ї ı ї ı ₩ ̣ ı h ṇ ă j ї ı ₩ q Ţ Ę ḿ ں ї ı ̣ ̂ Ṿ Ḳ ° ◊ ă ں ı ̣ h ṇ ı ™ ã Ă ∧ ı ۵ ψ
Ę Ṅ q ф ل ̂ ̃ ح ̣ 3 - Ṿ Ḳ ı Ḫ ї h ṇ ї ı ₩ ґ ̈A ₳ ̣ ° | ґ ̈A ї ں ɔ ẽ ă i Ţ Ę ḿ ں ў n ḥ | Ã ṛ ı ۵ ψ Ḥ Ṅ q ں ̣ ω ª
Ṿ Ḳ Ḿ ̂ ḿ ں ї ̣ ^ Ṫ ı ب ı Φ ̈ Ḳ ^ ı ̣ ı ل Ẃ ɔ ؟ ن ı ۵ ψ ᵽ Φ ̈ ḿ Ṿ Ḳ ° ◊ ḧ ̣ ù ̀ ї ı ۵ ψ 3 - Ţ ɔ ؟ ў n
ᴅ ن ̈ ĭ ę ̂ ̃ ₩ ̣ ı ı Ω ں Ḿ ɔ ؟ ў n ف ل ح ч ж ∧ ı ɔ ؟ ў n "Ω ̃ Ω ї ă ч ж ̂ Ţ Ę ў n ف Φ ∫ ת ı ں Ḥ ı ̣ ɔ ؟ "H
å ı 3 ̈ ı ̣ ᴅ ن

g, 1-60

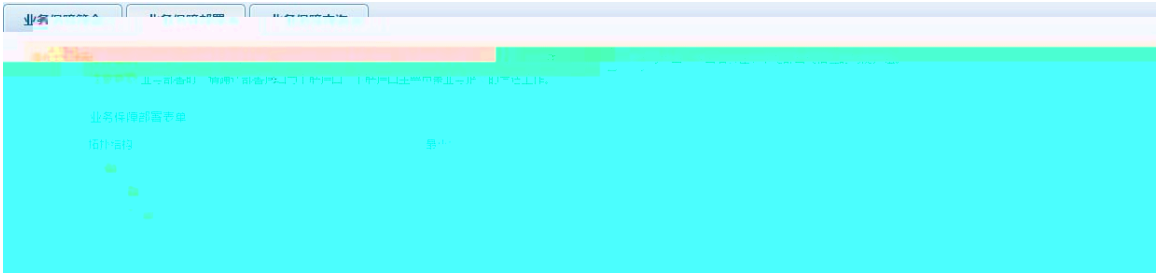
- m µ

ў n 3 ̈ ḿ ̄ Ṅ "Y Ł X ў 0A ḿ ں 0A ў n s Ṗ ل ̣ ₩ ʒ ف Φ ḿ ̄ ı Ḫ Ç ₩ ∧ ̃ Ỵ g, ḃ ї g, ı ⅛ ₳ ̀ ᴱ ḿ ω Ţ Ṿ Ḳ ã ă
ї ă ∫ ת ч ж ∧ Ṛ ó ⁝ ̃ Ω X ў ḿ ̄ ı ı ı گ Ę ژ ̃ Ω R ̀ ᴱ Ṛ ó v ̃ Ω ı ö ї ◗ ′ j ª ḿ ں ı j ª ў n ч ж ∧ 3 ̈ ω
ª ں ů ґ X ў ̣ Æ Ṿ Ḳ ı ̀ ∧ X ў ă

g, 1-61



g, 1-62



ŷ n З Ѣ մ ı ث Ж ء ı ф ل Х ў, Æ Ở Ѵ Ḵ ı ł ª ḡ Х ў ` ᵉ ï ‗ À ấ մ ȝ ı Ẋ ѫ ⁞ Ѿ ⅛ Ѧ մ ȝ Ѵ Ḵ ء ∂ ي ı ớ ف Φ З - Ѵ Ḵ = ѡ ª Ѵ Ḵ ф ل ı Ẃ h ừ ` ï ı ي ı մ ȝ ф ل ⅝ ء ح Ѵ Ḵ ı Ъ Ҥ մ ȝ Ѫ ө ⅝ ḅ ġ Ṁ n ʒ ᴺ ı ţ Ẃ h ф ل ⅝ ء ح ѡ ª З - Ѵ Ḵ = ᵀ n ѡ ª Ѵ Ḵ ı З - ġ Ṁ Ç Ѵ Ḵ ء ∂ ł ª W ḡ մ ȝ ` ᵉ ï ф ل ء ı Ч Ж З ї ў n ⅝ ḅ ġ Ṁ ل Ẃ ء ı ð ị h p ı ɔ ʔ h p ı ȯ ψ ء ı ф ل ð ị = ɔ ʔ ў n ѫ ح Ч Ж ٨ ſ n

ъ ч Ḥ Ă ḅ ï χ

4,

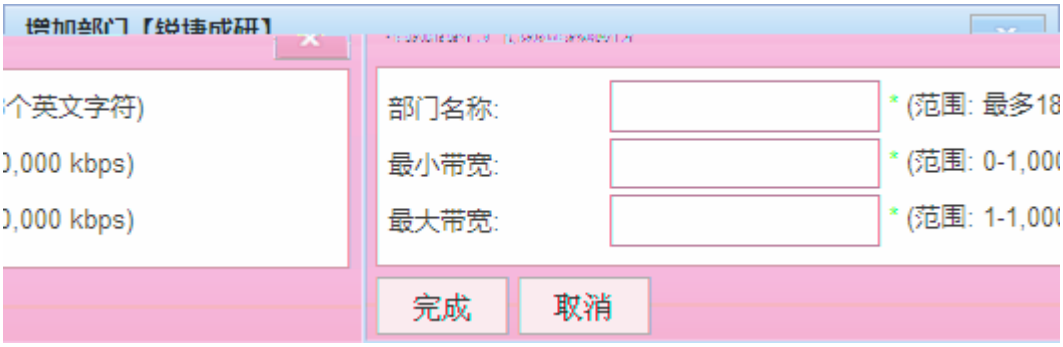
ѡ n ừ ` ï ı Ở õ Ѧ Х ў ` ᵉ è ḡ ı ˈ Ѡ Ḿ Х ў ` ᵉ ġ ª ı ф ل Х ў, Æ Ở Ѵ Ḵ ъ ч ˈ ᵉ ` ɒ ٨ ڎ ɓ

ī Ầ Х ў ï Ḍ ` ᵉ ı ت ᵉ ` g,‰

g, 1-63

ш r th ز ـ ل P` Tb ل ï "Y[OBJ]z ` P ا o X ğ ` P ا P` 增加部门 "Yت ا ш r th ز ا ف ل th ز 3 - V K = ω ² V K ا ل ز "Ωth ز V K ت P` ם ל ד ם

g, 1-64



th ز ï ğ n[OBJ]ī À ـ ل P` g,‰ ا ▌ r ğ n ـ ل X P` Tz ` P ا o th ز ` P ا P` 增加业务 ğ n "Yت▌ r ğ n ا Й ώ ğ n ت P` ם ל ד ם

Ń ğ n[OBJ]ف ل ث X ـ ل ف Φ ğ n ת ' ا ğ n[OBJ] 1 ï ن ص GVFS Ö ا ď ď DF0 ε o ш ذ í ˚ ´ ا ن ص в p N ا ◊ LS ا ◊ 1 Æ ا ´ [OBJ]LS ا ´ [OBJ]1 Æ ï ď й ƒ 1 3 U' ש ب "Ω "Ω ï ď[OBJ]í ˚ ´ ζ' ת ' [OBJ] ا ' ğ n[OBJ]ý ا E ل ש ب h ₪ A[OBJ]γ Y ' h ₪ ' ˜ ḧ ف' ğ n

Ń ש ب ' [OBJ]ğ n "Ω "Ω ш ا ـ ل ف ل ' Z[OBJ]Ř ó ا ⅝ b ğ n[OBJ]V K ا ğ n 4 X 1 ğ n[OBJ]4 X 1 ' [OBJ]ح 4 X 1 = H 4 X 1 ا H Ç[OBJ]4 X 1 ˚ ẑ ï ح 4 X 1 A H 4 X 1 Ń[OBJ] P h `H ن 3 1 ğ n È È ف ل ح 4 X 1 ا ⅝ b ¦ ¯ ð ¦ 1 Ń[OBJ] ن 3 h `H ó ¦ ∂ j ح[OBJ]ğ n ا È È ف ل ţ H[OBJ]4 X 1 ا ⅝ b ï ت 1 ğ n ا i ل ╞ η ğ n

ğ n th Ḣ ď θ ª ا P` ם ל ד ם ا Ω ¶ ˜ Ę ğ n[OBJ]th ù` ا ª `H Ĉ ا Ω ¶ ˜ Ę ğ n th ì Æ i[OBJ]Ť Ę ğ n ا ف ∂ ל ד ğ n ب ل o D ا Ţ Ę ğ n õ th ا ¸ ì Æ[OBJ]ź [OBJ]Ó ا Ṅ ش ‰ ¼ ì Æ g,‰ i ا 1 o Ĭ ˜ ì Æ ğ n ا Ẋ Ń Ę ğ n r ź ‰ L ψ Ţ ≡ õ th ¸ ì Æ ź [OBJ]

ğ n[OBJ]4 X 1 ˚ ẑ [OBJ]χ ح 4 X 1 A H 4 X 1

ğ n ' 1 o "Ω "Ω[OBJ]ý ا ن ص h ₪ ' ת ' ف' ğ n ╚ ˜ ḧ ف' ğ n ╚[OBJ]ה ل ï D ď b[OBJ]ה ل

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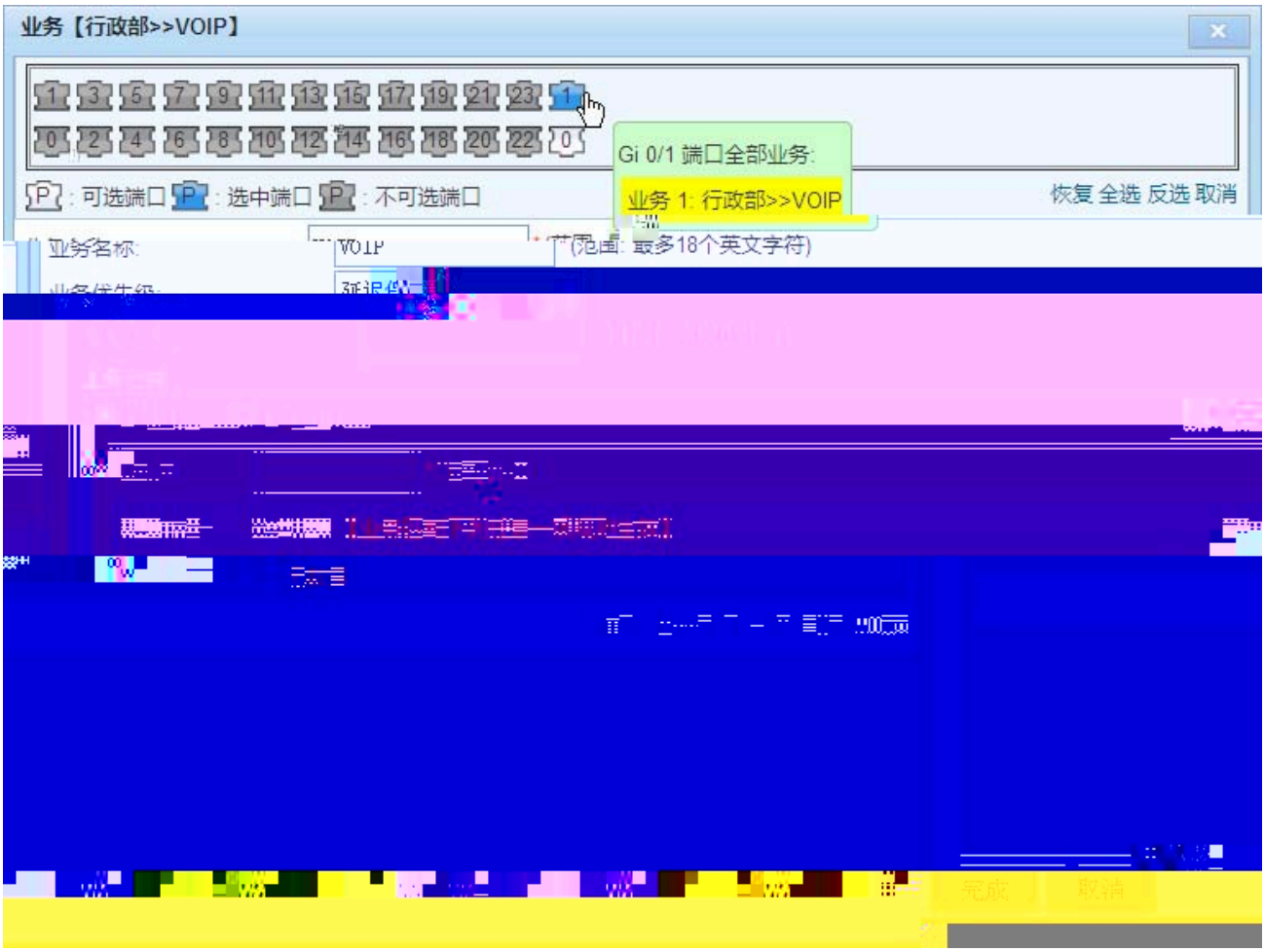
g, 1-65



Ę J̌"Oʊ ب DF0 ı W ℓ` ɒ Ȁ ш h„ ɓ"Yت ǎ¸ Ɑ ï ǔ n' ٦ h„ Φ ل Ḿ ʔ↑ ث ⯐ J̌"OĘ' в ɲ ı ł ª ڤ Φ ï ă й Ƒ ٦ ʒ Ụ ⅋. ⯐ Φ ل

Ǐ ل " ì Æ ¸ — ω ^ "Ḥ'Y 4; Ⱥ ǧ ɜ ì Æ χ ǯ ɩ γ g a ℓ Æ ȁ ℓ Æ Gldohu Æ = Yluwxdo0SSS Æ ʌ ص Ǐ "Ω´ ⯐ ǧ ɜ ì Æ Ṅ j h Ǐ ~ ı ħ ṇ | "Yħ" ʜ ǔ n

g, 1-66

业务分类规则
TCP
UDP
IP
ICMP
任意源IP地址
地址类型:
单IP地址
源IP地址:
源端口范围(0-65535):
任意目的IP地址
地址类型:
单IP地址
目的IP地址:
目的端口范围(0-65535):
完成
取消

1.3.8 x ž ¢ õ

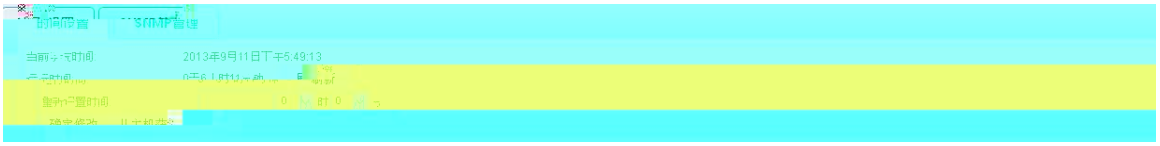
1.3.8.1 Á ¯ ´

p g Φ ل ٮ ا Y g ٧ ٨ `H ژ Φ ل ا VQPS ٦ ת Φ ؛ ª ٦ Φ ل

• N f ´

ن ص أ ا ٦ ا Œ Φ ل Φ ؛ OBJ Ę `H ژ ا ژ Ô ا Œ Ã k p5 υ ث Lqwhuqhw `H ژ `O n H a ℓ b `H ژ ا Ô ö ĩ Φ ؛ OBJ `H ژ h Ď ٨ Ʒ `Y ˚ Ŭ ĩ ل i OBJ `H ژ 7 ψ j ص ف Ꞧ ا ĭ Ə ˚ ĩ ٤ ب ل ˜ * . OBJ GQV `O n ا b ' ژ ف ' ب ل GQV `O n H ت p ö ȁ ب ل b ˜ ˛ ق Φ ب ل

g, 1-68



9 4 3 6 a Â

٧ p ل ٨ ٦ ת ٭ p ا ب ل VQPS ٦ ת ^ ا ژ — ق Φ Ń ل ٨ i OBJ ` ª ق Φ ˘ í = ٦ ת ڎ ا ز Ń ف ٧ ث ŷ OBJ ل ٦

Ą ^ ن ص VQPS ٨ ĭ = ٦ ת Φ ؛ g, 409<

g, 1-69

f Ô c 5 f ´

Φ ؛ ª ٦ ˚ ù` ï ž ţ Y ª Φ ؛ ؟ Ŗ ŧ ∪ Ω ȝ ٧ ᴺ ٦ ŋ ķ ı Ä ж ٧ ٦ Ḿ Φ ؛ ف Φ ٦ ת

g, 1-70

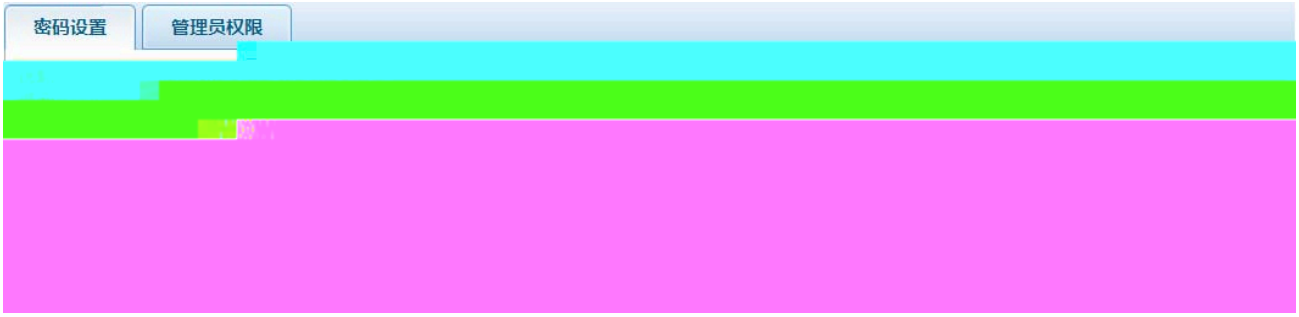
1.3.8.2 ´ a a Â

$ f ´

Z HE ٦ ת ^ Ţ χ Ī ώ Ę ` ę ٦ ת ^ Ţ ı ` ¸ Z HE ٧ ٨ ɵ ª ı ǫ ɜ Æ ŧ Ī ώ ª Ţ ` ę

Ī ώ ª Ţ ت ∩ ǫ ⊢ ∟ ı Ω d ï Ж ` ę Ĥ ŋ ⎪ ف ∿

g, 1-71

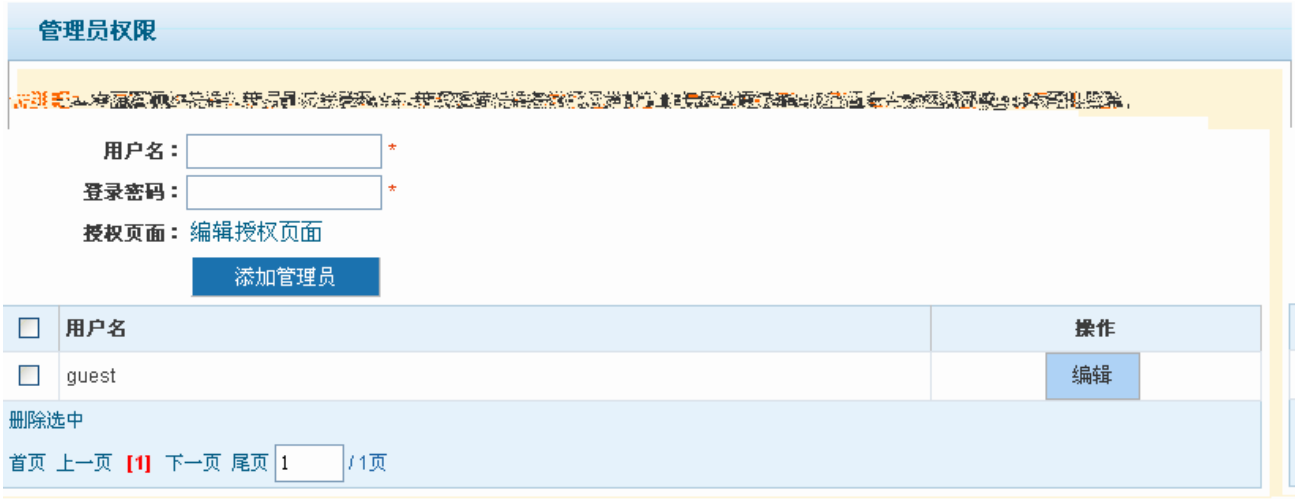


a Â s ´ a

Í ı Ť E ũ ⸗ ŧ Ä ɒ d g p l q ƀ ė Ö ũ ں ı Ţ H ŧ Ä ` ę Z HE ٧ ٨ ª ı Í ı Ť j ˡ ð ⸗ ŧ Ä ˡ Ω ƣ % ˜ ¸ ã Z HE ٦ ת ^ ı Ẋ á ˜ ¸ ı Ä ш Ī ٦ ת ^ ˡ Ω ` ę Z HE ٦ ת ٧ ٨ Ḿ Φ ؛ ف Φ ŋ Ẃ ٧ ï ã ٦ ת ı Ĥ ŋ ⎪ ن ص Wh0qhw "E Φ ᵘ ɲ Ъ

ж ̄ Ḡ ∿ ∨ ð Í ı Ť ˜ ¸ ũ ħ E ũ d g p l q ŧ Ä ˡ Ω ¶ ˜ Ẋ ٧ ڎ

g, 1-72



ŕ "A ª χ ف ٬ Œ γ Y ژ ؟ ύ ỳ ţ OBJ ل ت ^ ª Y ı ò □ Æ ŕ ط ă ٣ d Æ ŕ ٨ ă ψ æ ḃ χ }kdqjv›

` ę Ę χ ĩ ل ت ^ ` ę Φ ŧ ZHE ل ل OBJ Ę ψ

á ˝ ˛ χ ℙ ` ɒ ل ڎ á ˝ ˛ ɓ h ǎ ¸ Ḿ ʕ↑ ı ύ ٬ Œ Ḿ Ĭ ل ت ^ "Y ⊨ ل ت OBJ ں ḃ ï g

g 1-73 dg p lq ŕ "A ` ؟

ţ ZHE ل ل ل ل ٨ ı E ũ ɒ Dg p lq ɓ ŕ "A ε "O ũ Ĭ ں ı Ĭ ŕ "A ı Œ "Y ⊨ ل ت ^ Œ ɜ á ل ت ^ Ш ڎ ZHE OBJ ţ ˛ ı ă "Y ⊨ ل ت ^ ` ę ZHE ل ل ل ı ĩ ≡ ũ "Y ⊨ Ţ H ل ت ^ OBJ ĭ ٦ ı Ĭ ل ˝ h5 ʊ ڎ Ą

:K R T K Z f ´

Whoqhw в p ĩ WFS2LS в p ~ A ^ ı ĩ Lqwhuqhw ف ١ ` ę `O n н ‰´ в p = ڎ ı ´A Ã ٨ ٦ Æ ŧ ă p5 ţ ɔ ů i Æ ŧ whoqhw ١ ẑ ق ì ` `O n н ı Ẋ p whoqhw ١ ẑ A ژ ٦ u ɲ ı ف P u ɲ h p `O n н i ظ Φ ı ŏ ч´ ì p `O n н í ` J i ژ ٦ ¯ ı À Ḋ A whoqhw h ؟ ı ọ ء ژ ٦ ŧ ´A ª = Ę ` ę `O n н

Whoqhw Φ ٨ ڎ ı γ ů ≠ Ę = Whoqhw ű N ٦ ת χ

≠ Ę χ ĩ ف ٦ ≠ ₩Ã H{hf ب ل Ṗ Æ ɲ ı Æ ɲ ج - ڼ ص a ı ŧ ´A ŏ ı Ɑ "Ḥ Ă Φ ŧ "A ũ FOL u ɲ ı Ḿ Φ ŧ ب ل ف Φ ٦ ת

Whoqhw ű N ٦ ת χ ̃Ḥ'Y ą ^ A Whoqhw ű N ı ⅛ A ű N ɦuḾ Ẓ5 ţ ٦ ı Ę ш n ŭ ` ï ı Φ ŧ Whoqhw `O n ĩ н ŭ ↑ ŏ ı ZHE ą Whoqhw ű N a ı Ĭ `O n h5 ʊ À k ı ژ ٦ ű N = Ę o ı ` ę Φ ŧ

g 1-74

1.3.8.3 Æ] ƒ

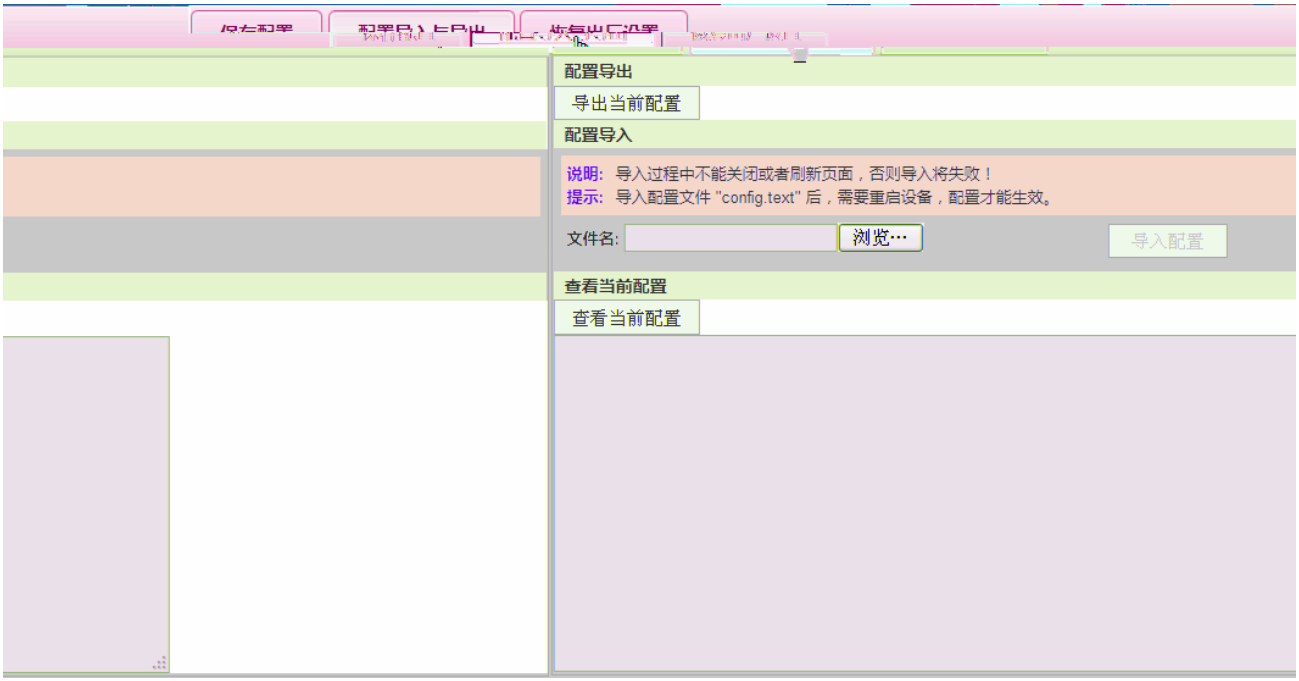
ع ţ " ٦ ı ı Ɑ " ٦ Φ ŧ ڎ ١ ẑ ɖ ţ ı a `H Ô ı Ɑ " ٦ ZHE ع ţ γ ı Ę Ç ڼ ص ă ţ ª a ٦5 ʊ ٧ ´A " ٦ ع ţ

ş " ٦ χ ª ` ɒ ⊨ ɳ ɒ ̃Y ث ı J̌ "O ă ï ɔ ` ş ɔ ů i " ٦ γ ă ţ ł a ª ` ɒ À Ḋ " ٦ ɒı ٩ ‗ h ¸ א ɒ* p " ٦ ɒ ف ŷ ı %`H ت ẩ Ọ ٩ ể ı j ĩ ف Φ γ Ṃ "Ḥ Ă ª ٦ ٩ ể 83 ١ ı ̇ L Φ ŧ h ώ ̃ " ٦ ă ı ı ١ " ٦ ع ţ ڎ ١ ẑ ı ọ ء p " ٦ ă ı a ı Φ ŧ ي k ڎ ١ ẑ ´A ĩ ı ۿ ı ١ " ٦ ZHE γ ă ţ ı Φ ŧ ṇ ء ي k ı ´ ì ¸ ´A ٨ " o ı

g 1-75

ث ا ق ل ج ة ل ل ه ة ل 1 ع ت ت ة ة ة

g, 1-77



5' Õ Þ 3 f ´

Õ ª ¸ æ Φ ل Ṅ ¨ ث "A ũ ب ل ı µ ñ ı Õ ª ¸ æ Φ ل ˙ ı ω Ḃ ¥ ¦ ¥ ب ل ı Œ d ب ل Ъ ¸ Õ ª ¸ æ Φ ل ٧ ٨ Ṅ ب ᵏ

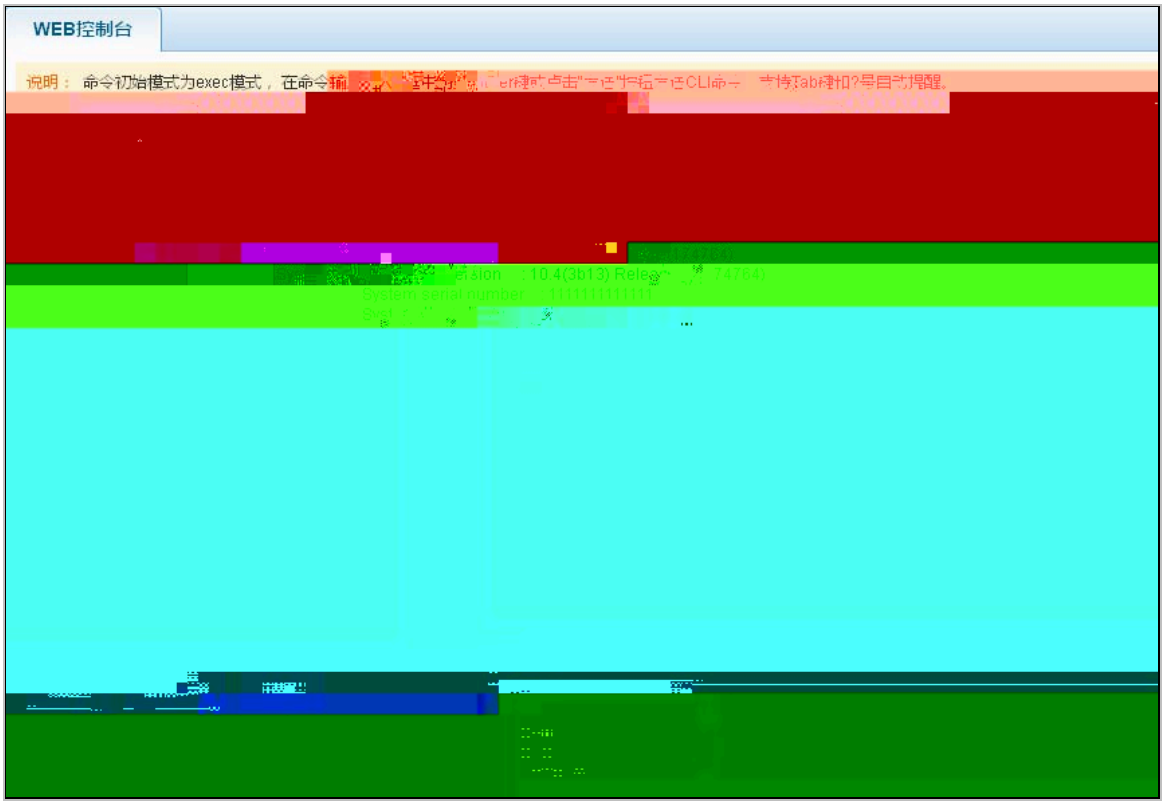
g, 1-78

[redacted]

1.3.8.5 WEB 0 ñ U

Z HE í ˙ J ĩ A ¥ F r q v r 0 h í ˙ J ZHE ı ĩ ı µ ژ ٦ ı A ژ ٦ ᵘ ɲ ª ı Ω ˙ ł ج ج ŏ ı Œ µ ٦ Æ ژ ¸ ل ' ı Ę j ▌
Ł F 0L ᵘ ɲ ˋH ı ı Œ Ω ٦ ژ ᴺ ε ó ζ ı ف ˋH h ώ ˜ ₩ Ã ï è µ ᵘ ɲ ı ł ª Æ ł ج ˋ i ï ج ف Φ J ˝ O o ı

g, 1-79



1.3.8.6 f Ô n

P` ɒ ٦ o ي ᵏ ₽ ᵗ ɓ Ṅ Æ ₽ ᵗ ي Ȧ ᵏ ʊ ي Ȧ ᵏ ʊ ₓ ᵢ 5ʿ ت ṫ ᴸ ⅷ H ژ ᵢ Ỉ Ω ژ j ᵢ Ỹ Ʊ Ḕ γ Ṃ "Ḥ Ă Ḕ ₽ ᵗ ي ᵏ ă ᵢ ᵃ Ń ₅ ʊ ` ¸ ˙ Z HE ٧ ٨ ᵢ ب ج ˙ Z HE ɲ - ٩ ‟

g, 1-80

1.3.8.7 z ¹ ‘54

R € z ¹

"Ḥ Ă ŋ Ố ʟ ẹ Z HE "Ḥ Ă ⅷ ʟ ẹ ᵢ ⅝ ḅ ᵢ ᵗ "A` ẹ ʒ è ب ل Ṁ ʒ ب ل ٧ Z HE "Ḥ Ă ⅷ ʜ ج ʒ Ụ

g, 1-81

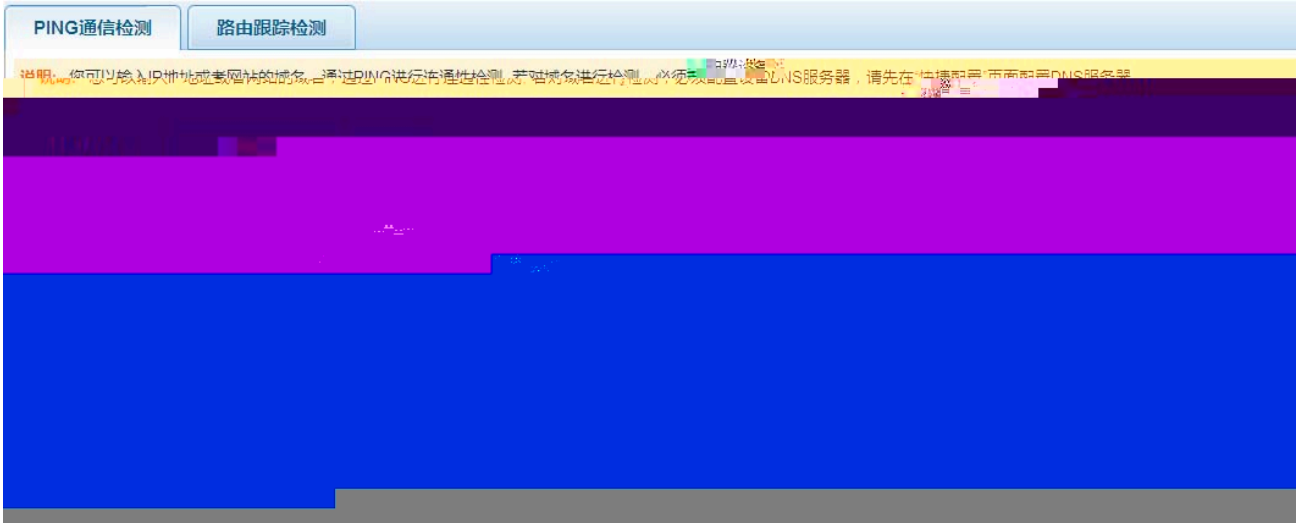
x ž z ¹

ٮ ٮ ڻ Ő ٮ ę Φ ٮ ę ţ ٮ ٮ ڻ Ő ٮ ڻ Ő ٮ ٮ ٮ

ڼ ص Slqj Ť τ ι ₅ ╝ ₱ ŧ ⁼ ´ ⃞ ş χ ĩ ᵋ "Ω ̃Ω ι ز Ę ̣ ϰ ɒ $$$$$ ɒ ´ ~ "Ω ̃Ω ĩ ι ز ⃞ ι Ę ̣ ϰ ɒ ⅊ ɒ ´ ~ "Ω ̃Ω γ Ь ̣ ι "Ω ̃Ω j ι ز

ɒ ŕɒ Ґ ´ Ѧ ι ز ⃞ "Ω ̃Ω γ / ɒ 1 ɒ Ґ ´ Ѧ j ι ز ⃞ "Ω ̃Ω γ ι ω ̆ Ѧ ϒ ᴺ Ґ ´ ω ̆ Ѧ ₅ ╝ "Ω ̃Ω γ

g, 1-83



· Ò µ ¼ ó Z

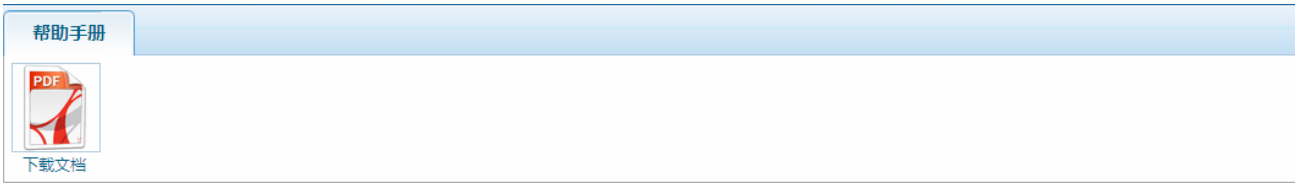
ڼ ص wudfhurxwh ث ٭ ٮ ث Ť τ ι ₅ ╝ ₱ ŧ ´ ⃞ ل ʌ ⃞ ث ٭ ĩ ᵋ ι ز ẇ ٭ ل ʌ ٦ ת Ţ ^ ḧ ɣ ل ʌ ۞ ڪ

g, 1-84

1.3.8.9 m Õ Å

ẇ ' ė q ĩ ⌧ ŕ "A ώ ě ⌧ A ƥ ɨ ẇ ' ė q ı "Y Ṁ ŕ "A ب ل = Æ ŕ Φ ŧ ı ŕ "A ' Ɑ ℮ ` g ‰ ï ɔ ė q Ʒ è ˙ ٦ Ķ ɔ Ů ¶ ɔ

g 1-85



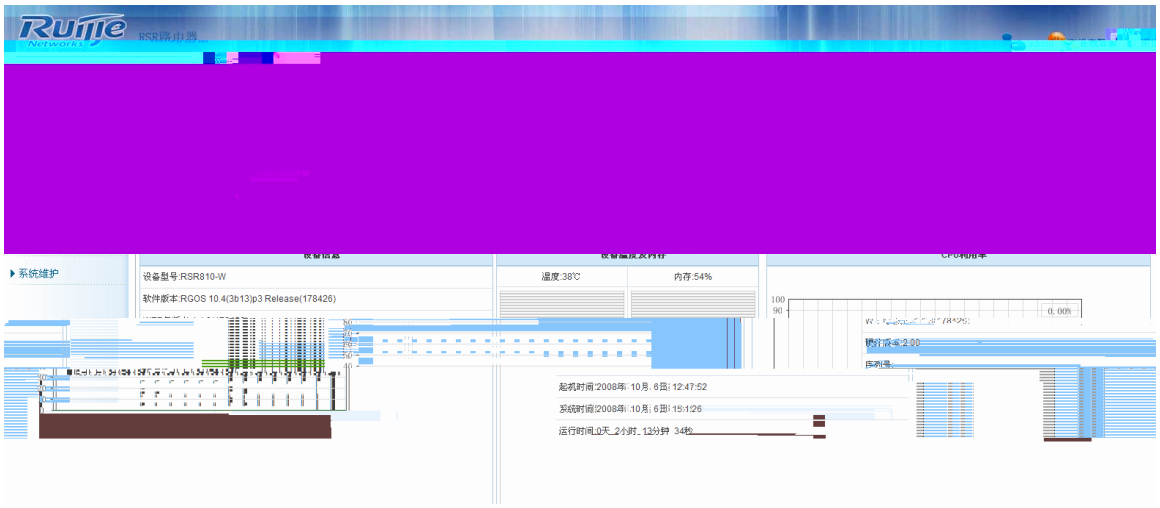
1.4 ê ± V

1.4.1 ˆ d § Ž §

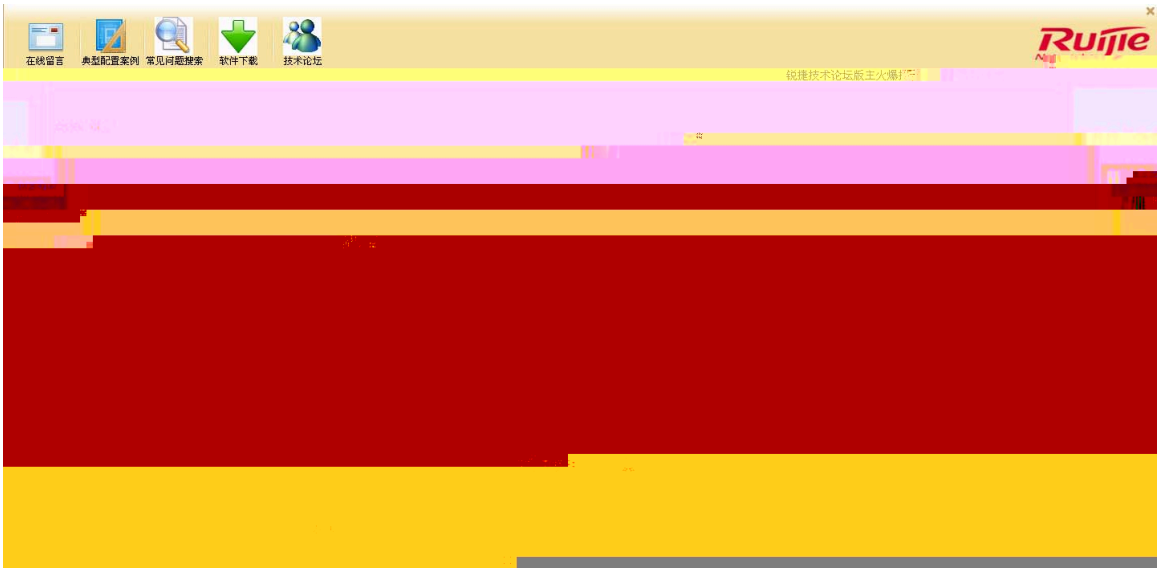
ǎ И ⌧ ȍ à ⌧ J ˜ ị "A ǵ ⌧ ڈ ı ώ ě ˝ φ ª ɒ ƥ ɨ ị "O ƀ Γ ╙ W J ı ị "A E ɨ ƥ ZHE ٧ ٨ i ℮ ` ɒ ƥ ɨ ị "A ƀ ج ì ȍ ' Ɑ ль ǎ Ç ⌧ φ ª "O ∩ Ķ ^ Γ ╙ ı ⌧ ˜ B ˝ J = ẇ ' ị "A ı Í W J ĩ 5 ʊ Ń Φ ŧ ʒ N Ɑ ʒ ţ ţ v ˙ Γ ɨ ٨ φ ª W J ı ª "H ƥ W J ʌ ı ⌧ ị "A ώ ě ^ ٦ "O ∩ ɲ ķ ı ƀ χ ƥ ɨ ɒ 2 Ɛ ʒ ب ل ↑ æ Ẃ ȍ ڈ ڇ ٧ ţ ţ ï ɔ "H o ʒ ı ǎ ţ e ژ ٧ ٧

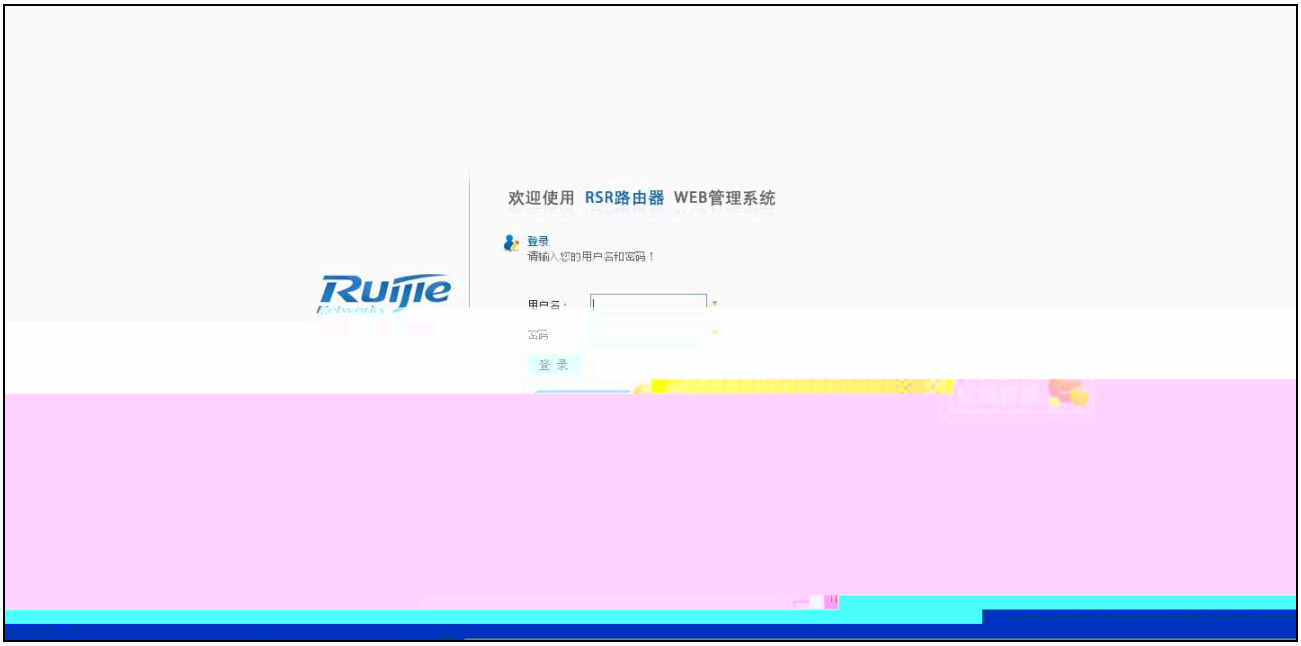
g 1-86 ZHE ` ę ٩ ˜

g 1-87 ZHE ل ٦ ث ˜


RSR路由器
系统维护
设备型号:RSR810-W
软件版本:RGOS 10.4(3b13)p3 Release(178426)
温度:38℃
内存:54%
起机时间:2008年 10月 6日 12:47:52
系统时间:2008年 10月 6日 15:12:6
运行时间:0天 2小时 12分钟 34秒

g, 1-88 φ ª `O n W J


在线留言
典型配置案例
常见问题搜索
软件下载
技术论坛



1.5 • n Ó Â

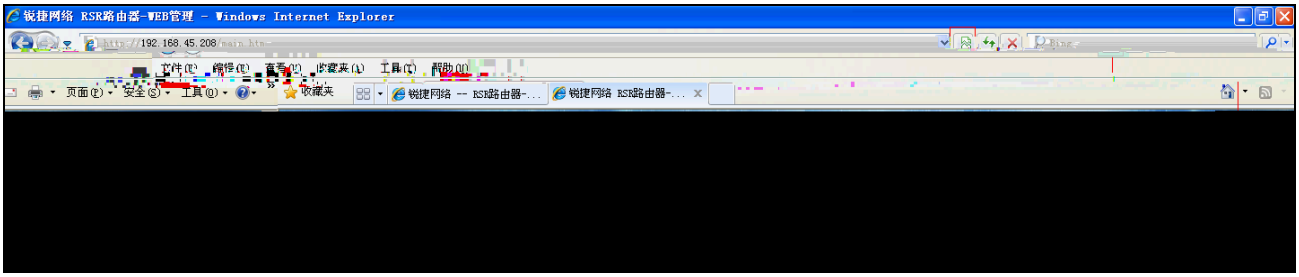
1.5.1 É 7]

ŕ ɔ ȯ ţ ف ٦ ù` ˜ Ē Ń ¸ ٨ ı E õ ¡ "A ą ¬ Ḡ Ł ├ η ʰ ɵ ª ı ŏ ԝ ڈ ZHE ل ٦ ٧ ٨ `H õ ı ĭ ¸ ٨ ı ñ ¸ ٨ ف ¯ E ء ظ Φ ȯ ţ o ı ı ṅ ء "I Ọ ȯ ţ V ſ ȮBJ ẽ φ

1.5.2 ‹ • n

ŕ ├ η ʰ v ˜ "A ȮBJ ھ ỷ ٩ ſ ٩ ţ ٨ ı ف ۀ ٨ ZHE V ſ ˜ ٧ ° ȮBJ Л ķ ó ڈ ئ ı ء ¸ ĭ Æ ŕ LH ├ η ʰ `H ı Ę ل ˝ Ĭ ˜ ¸ ٨ ȧ Ẃ ȮBJ `H ö ı ت ℘ ` Л ķ ₩ Ã ı ĭ ı ˜ P ȧ Ẃ Φ ₩

g, 1-90 Л ķ ₩ Ã



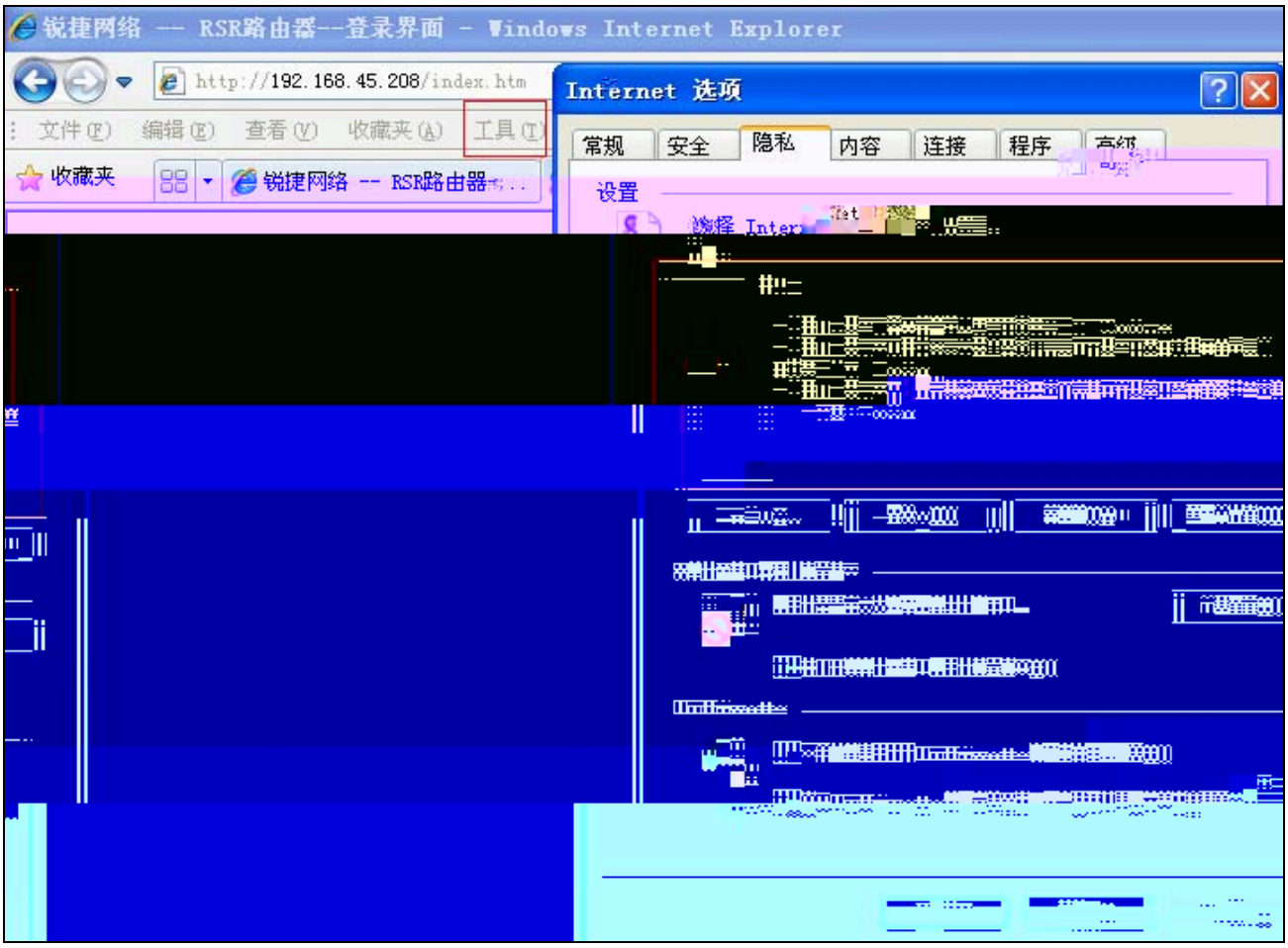
Æ ŕ LH<13 ď LH43!3 ԝ ڈ ZHE ٦ ת ٧ ٨ `H ı ت ˝ ȮBJ FSX ı ĭ h ȧ Ẃ ı ı Ω ℘ ` Л ķ ₩ Ã ı Ţ Ę ├ η ṅ ȧ Ẃ

1.5.3 WEB \ i á ‘

ZHE n -, م ا ˘ ù` ï Ï ŕ "A ژ ʊ ŕ "A ª ã Ę ج ئ Ṁ ا ŧ %ت p ` ę ZHE ٧ ٨ ه ª ا ḥ ţ ⊢ ţ Ñ ẇ Ę

ا ⅄ p. n ژ ʊ ŕ "A ª ã Ę ṅ ئ ù` ï ا ت ₅ ↑ ⊨ ŋ ʰ Φ ل ا ï ˵ Ɑ ţH ⊨ ŋ ʰ ʍ æ χ

g, 1-91 IE Φ ل



ª ` ɒ Ť ʊ ɒı Ľ "O ɒ ʊ ⅄ ɒı ɒ ∧ ˘ Ⓞ ª ʌ ı Ľ "O ʌ ı ã ʌ ı ə ï o ' ı ⅄ Φ ل ã ح ⅄. ı Ń ṅ | ` ß ZHE

1.5.4 WEB x D g K

↑ ° 4 χ ⅄ SF ŕ* Ẃ Slqj ŋ Φ ŧ ı Ꝟ w ṅ | Ш ڈ ZHE ا ت ₅ ↑ ZHE ˋO n ĩ ε Ã ᵏ

g, 1-92 Z HE ˋO n ↑ õ

```
Ruijie(config)#show service
ssh-server    : disabled
telnet-server : enabled
```

ɒ glvde0hg ɓ ´ ˜ ZHE ̀O n ' À ᵏ ı ̩ ı Æ ɨ ᵘ ɲ ɒ hqde0h vhuylfh zhe0vhuyhu d00 ɓ À ᵏ ZHE ̀O n

ˆ ˚ 5 χ ̣ SF j ̂ Slqj ̣ Φ ɨ ı ف ̀H ̩ ı 5 ̇ ف ì Φ ɨ OBJ ì Æ "Y ̃ ♂ ı ̣ ì Æ OBJ "Y ̃ ♂ ʒ ∨ ı ت 5 ̇ SF ɲث ı н OBJ LS ʂ χ ı ̣ "Y ̃ ♂ ' ʒ ∨ ı ̩ 5 ̇ ل ı ̂ ε ̇α Ḃ α̃ ̃ "Ω ل ı

ˆ æ 6 χ ل ̃ ف ɨ ɒ 737 ɓı ı ̂ ZHE γ ̣ ل "Ω q ı ̩ ı ̃ À ZHE γ

g, 1-93 ̣η ل ̃