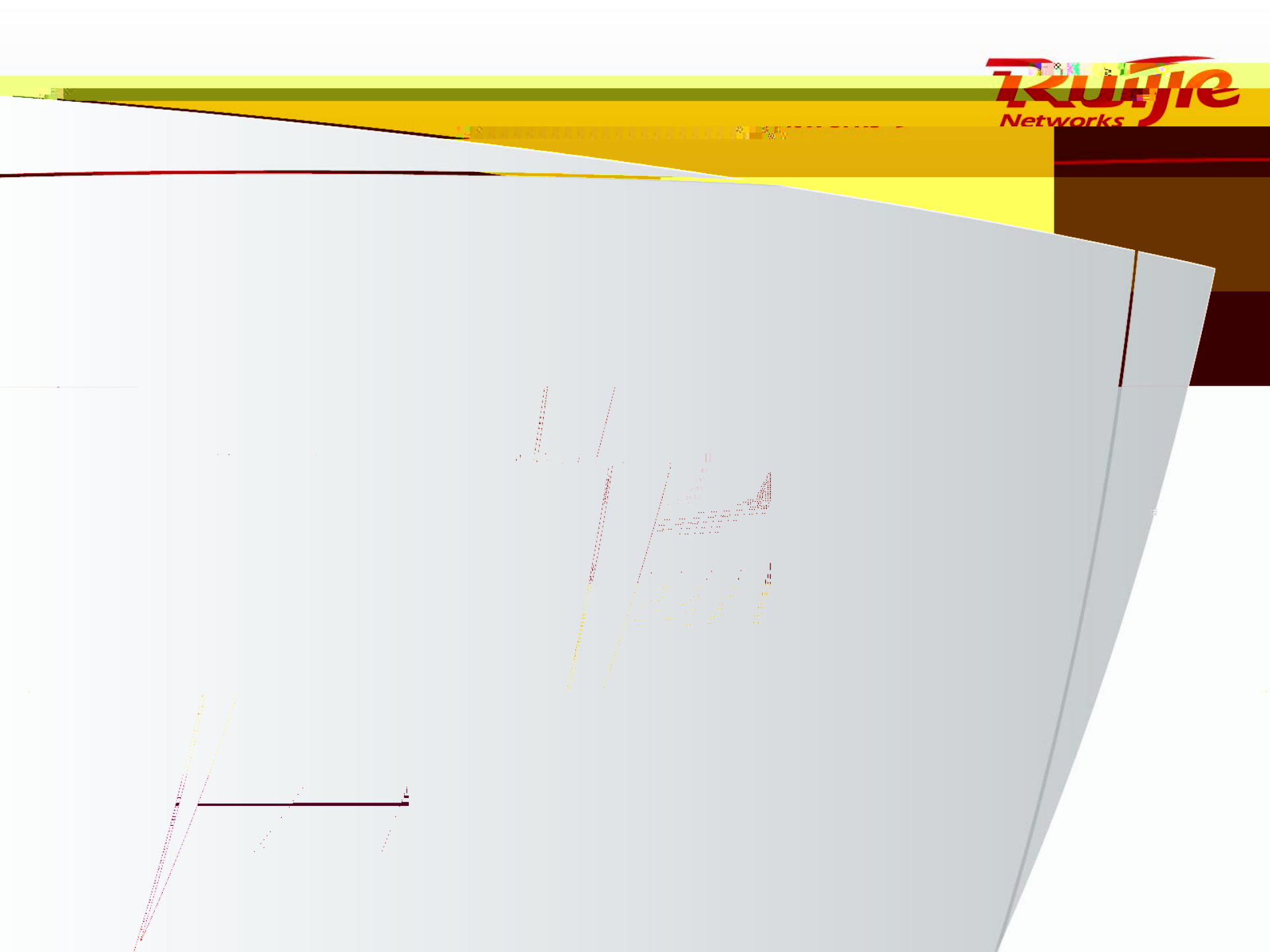

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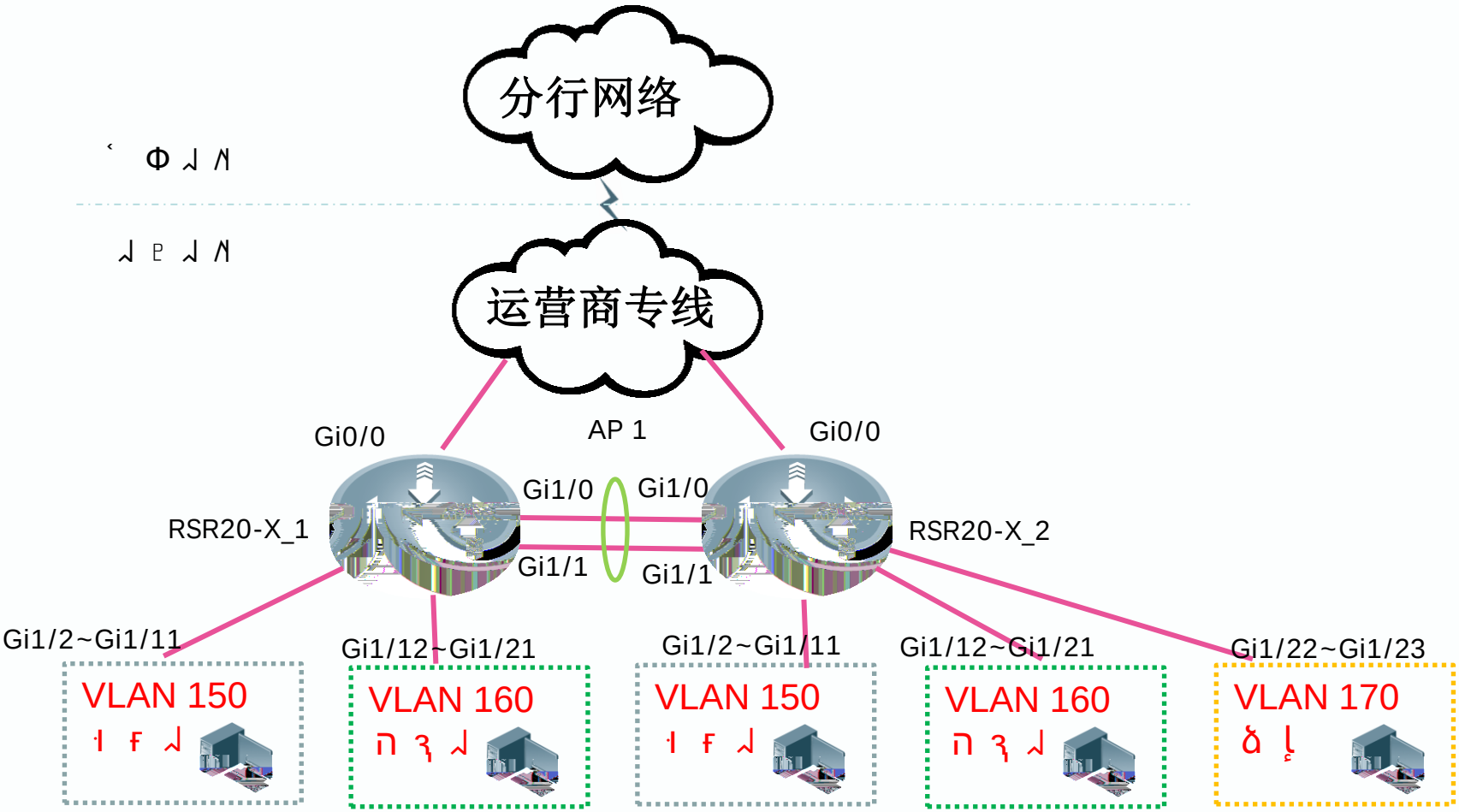
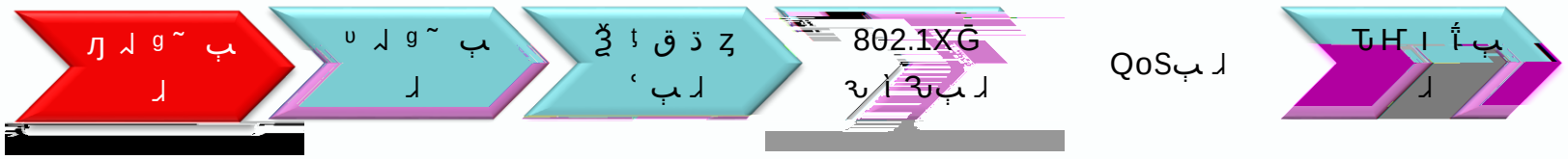

分行网络
运营商专线
Gi0/0
AP 1
Gi0/0
Gi1/0
Gi1/0
RSR20-X_1
RSR20-X_2
Gi1/1
Gi1/1
Gi1/2~Gi1/11
Gi1/12~Gi1/21
Gi1/2~Gi1/11
Gi1/12~Gi1/21
Gi1/22~Gi1/23
VLAN 150
VLAN 160
VLAN 150
VLAN 160
VLAN 170

⸗ ⸗ ⸗ ~ ⸗ ⸗ ~ ⸗ ⸗ ⸗ ⸗ ⸗ ⸗--⸗ ⸗ ⸗ ⸗ ⸗

(⸗RSR20-X-28⸗⸗)

- ⸗ ⸗ RSR20-X-28⸗⸗ ⸗ ⸗ ⸗ ⸗

ﻩ ﻝ ﺒ ﻤ ﺗ ﺇ ﺡ ﻕ ﺑ ﻝ ﻟ ﺣ

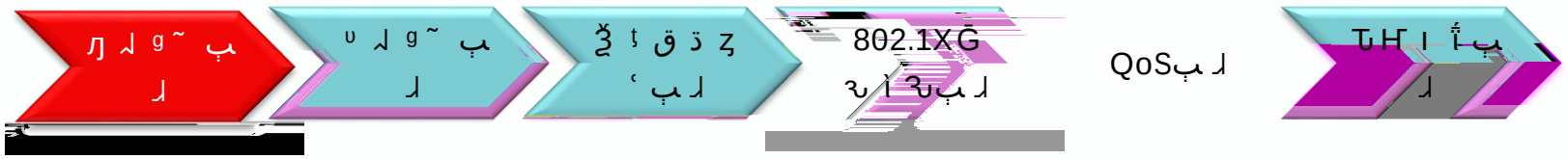


Ruijie#configure terminal
Ruijie(config)#hostname RSR20-X_1 →ﻫ ﺗ ﻳ ﻧ ﻩ ﻫﻫ ﺏ RSR20-X_1 ﺏ
RSR20-X_1(config)#vlan 150 →ﻩ ﺍ ﺇ ﻓ vlan 150
RSR20-X_1(config-vlan)#name PRD →VLAN ﻩ ﺈ ﻫﻫ ﺏ PRD ﺏ
RSR20-X_1(config-vlan)#interface vlan 150 →vlan150 OBJ s ﺽ ﺇ ﺃ
RSR20-X_1(config-if-VLAN 150)#ip address 192.168.150.1 255.255.255.0 →vlan 150 OBJ ﺇ ﺃ ﺱ ﻉ

RSR20-X_1(config-vlan)#vlan 160 →ﻩ ﺍ ﻥ ﻍ vlan 160
RSR20-X_1 (config-vlan)# name OA →VLAN ﻩ ﺈ ﻫﻫ ﺏ OA ﺏ
RSR20-X_1 (config-vlan)#interface vlan 160 →vlan160 OBJ s ﺽ ﺇ ﺃ
RSR20-X_1(config-if-VLAN 160)#ip address 192.168.160.1 255.255.255.0 →vlan 160 OBJ ﺇ ﺃ ﺱ ﻉ

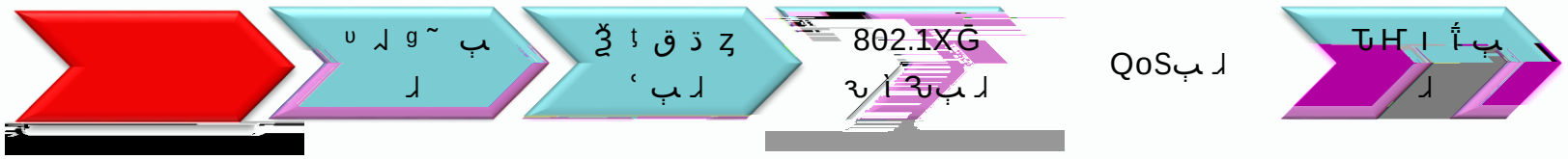
RSR20-X_1 (config-vlan)# vlan 170 →ﻩ ﺍ ﺫ ﻉ vlan 170
RSR20-X_1 (config-vlan)# name Mon →VLAN ﻩ ﺈ ﻫﻫ ﺏ Mon ﺏ
RSR20-X_1 (config-vlan

ﻩ ﻝ ﺒ ﻥ ﺗ ﺇ ﺡ ﻕ ﺑ ﻟ ﻫ ﺣ



Ruijie#configure terminal
Ruijie(config)#hostnameRSR20-X_2 →ﻫ ﺗ ﻳ ﻭ ﺑ ﻫ ﻣ ﺏ RSR20-X_1 ﺏ
RSR20-X_2(config)#vlan 150 →ﻭ ﺍ ﻋ ﻓ vlan 150
RSR20-X_2(config-vlan)#name PRD →VLAN ﺑ ﺈ ﻫ ﻣ ﺏ PRD ﺏ
RSR20-X_2(config-vlan)#interface vlan 150 →vlan29 0 720 540 reW*nBT/F5 14.04 Tf1 0 0 1 381.4

ع ل ح ب ق و ث ا ت ن ا ل ع ع

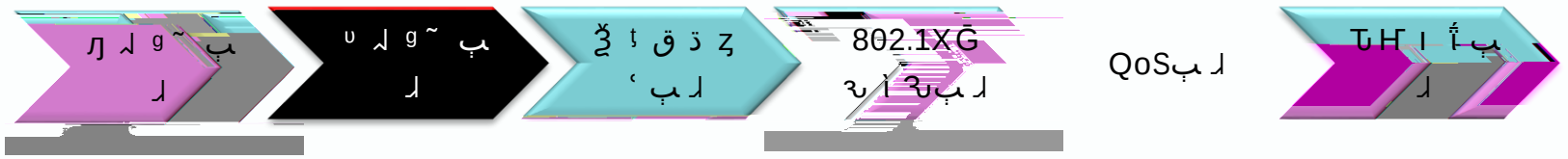


RSR20-X_1(config)#interface AggregatePort 1 → ا ل ت ج م ع
RSR20-X_1(config-if-AggregatePort 1)#switchport mode trunk →ن ع م ط ة ف ي trunk
RSR20-X_1(config-if-AggregatePort 1)#switchport trunk allowed vlan remove 1-149,151-159,161-
4094 → ا ل ا ز ا ل ة vlan 150 و 160 ف ي ا ل ن ط ا ق
RSR20-X_1(config-if-range)#exit

RSR20-X_1(config)#interface range GigabitEthernet 1/0 -1 →ق ا ئ م ة GigabitEthernet 1/0 ا ل ى 1/1
RSR20-X_1(config-if-range)#switchport mode trunk →ن ع م ط ة ف ي trunk
RSR20-X_1(config-if-range)# port-group 1 →ن ع م ء ا ل AggregatePort 1
RSR20-X_1(config-if-range)#exit

RSR20-X_2 ا ل ت ك و ي ن

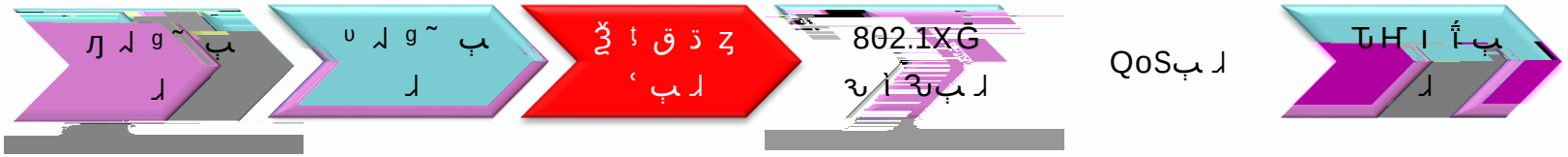
RSR20-X-28 Ă ʁ ₔ ⅄ ᴾ ʌ ᵀ ì ϶



RSR20-X_1(config)#interface GigabitEthernet 0/0 →ڤ϶ ᵘ ⅄ ɻ ف ì ⓄⒿ ì Æ
RSR20-X_1(config-if- GigabitEthernet 0/0)#ip address 62.12.3.12 255.255.255.240→ب⅄ IP
RSR20-X_1(config-if- GigabitEthernet 0/0)#dldp 62.12.3.11 interval 200 retry 3
→ب⅄ DLDP ₹ ɻ ت ₅ ₩ χ ژ ڭ2 ٧ ping 62.12.3.11 ₭ ı ḅ ' 3₭ڤu ₅ ₩ ¸ م ı ì Æ Ṅ h q down
↑ õ ì Æ down ɑ ı ֆ ᵵ ʌ ʌ ژ ڭ2 ٧ ping 62.12.3.11 ₭ ı ḅ ' 3₭ڤu ₅ ₩ ă ı ı ì Æ Õ ᵾ UP ↑ õ
RSR20-X_1(config-if- GigabitEthernet 0/0)#description To-PRD →ب⅄ ì Æ ώ ك ʒ Ụ

RSR20-X_2(config)#interface GigabitEthernet 0/0 →ڤ϶ ᵘ ⅄ ɻ ف ì ⓄⒿ ì Æ
RSR20-X_2(config-if- GigabitEthernet 0/0)#ip address 123.56.76.9 255.255.255.240→ب⅄ IP
RSR20-X_2(config-if- GigabitEthernet 0/0)#dldp 123.56.76.10 interval 200 retry 3
→ب⅄ DLDP ₹ ɻ ت ₅ ₩ χ ژ ڭ2 ٧ ping 123.56.76.10 ₭ ı ḅ ' 3₭ڤu ₅ ₩ ¸ م ı ì Æ Ṅ h q down
ì Æ down ɑ ı ֆ ᵵ ʌ ʌ ژ ڭ2

ﻲﺋ ﻞﻴﻟﺪﻟا ﻦﻴﻜﻤﺘﻟا ﺔﻴﻠﺤﻟا



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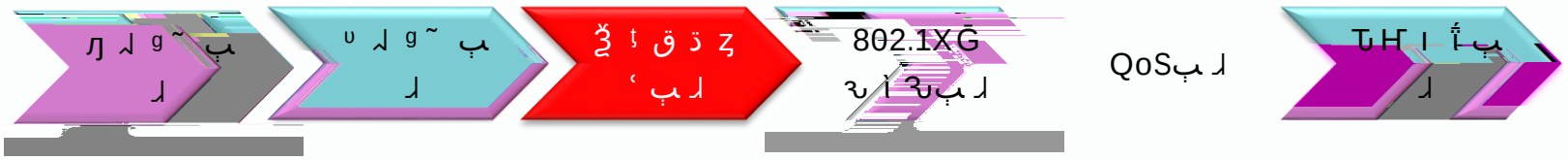
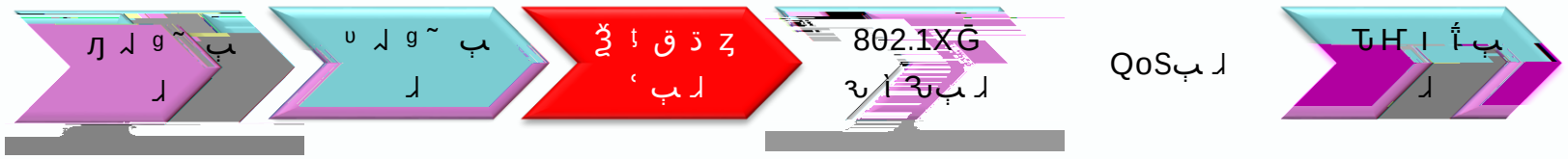


RSR20-X_2(config)#interface vlan 150
RSR20-X_2(config-if- VLAN 150)#vrrp 150 ip 192.168.150.100
→ﺱ ﻥ ﻍ ﻛ ﻝ ﺵ100 ﺍ ﻲVRRP ﺟ ﺵ ﻛ ﺵ ﻡ ﻍ ﻛ ﻝ ﺹ Ḥ20 ﺍ ﺍ ﺃ ﺍ ﺃ o ﺃ ﺵvrrp ﺟ

RSR20-X_2(config)#interface vlan 160
RSR20-X_2(config-if- VLAN 160)#vrrp 160 ip 192.168.160.100
RSR20-X_2(config-if- VLAN 160)#vrrp 160 priority 115
RSR20-X_2(config-if- VLAN 160)#vrrp 160 track 123.56.76.10 20
RSR20-X_2(config-if- VLAN 160)# vrrp 160 preempt delay 60

ﻩ ﻝ ﺒ ﻤ ﺘ ﺇ ﺡ ﻕ ﺏ ﻝ ﻝ ﺣ



RSR20-X_2(config)#route-map con permit 10 → ﺃ ﻗ ﺀ ﺵcon ﺙ ﺩ ﺍ ﺓ OSPF ﺏ ﻥ ﻱ ﺵ ﺏ
RSR20-X_2(config-route-map)#match interface VLAN 150 → ﺵ ﺏinterface vlan 150 ﺇ ﺃ ﺍ ﻭ ﺍ ﻓ ﻥ

RSR20-X_2(config)#router ospf 100 → ﺏ ﻝ OPSF 100
RSR20-X_2 (config-router)#network 123.56.76.0 0.0.0.15 area 6 → Ṅ ﺇ ﺋ ﺇ ﺃ gi0/0 ﺡ ospf ﺕ ³ 6
RSR20-X_2 (config-router)# network 192.168.160.0 0.0.0.255 area 6 → Ṅ ﺕ ﺓ ﻝ ﺱ ﻍ ﻫ ﺡ OSPF
RSR20-X_2 (config-router)# network 192.168.170.0 0.0.0.255 area 6 → Ṅ ﺩ ﻟ ﻱ ﻥ ﺱ ﻍ ﻫ ﺡ
OSPF
RSR20-X_2 (config-router)#passive-interface VLAN 150 → Ṅ interface vlan 150 ﻑ ﻝ ﻣ ـ ﺳ ﻧ ﺃ
RSR20-X_2 (config-router)#passive-interface VLAN 160 → Ṅ interface vlan 160 ﻑ ﻝ ﻣ ـ ﺳ ﻧ ﺃ
RSR20-X_2 (config-router)#passive-interface VLAN 170 → Ṅ interface vlan 170 ﻑ ﻝ ﻣ ـ ﺳ ﻧ ﺃ
RSR20-X_2 (config-router)#area 6 nssa → Ṅ ﺕ ³ 6 ﻑ ﻝ ﻣ nssa ﺕ ³
RSR20-X_2 (config-router)#redistribute connected route-map con subnets → Ṅ ﺍ ﻓ ﻝ (vlan 150)
ﺱ ﻍ ﻱ ﻥ ﻱ ﻕ OSPF ﺍ ﻑ Ṅ Æ OSPF ﻟ ﺽ ﻙ RSR20-X_2 ﻉ ﺓ ﻥ ﻝ ﺙ ﺩ ﺓ ﻧ ﻋ ﻣ ﻫ ﻙ RSR20-X_1 ﻙ
ﻕ ﻑ ﻣ ﻝ ﻟ ﻥ ﻟ ﺓ ﻥ ﻝ ﻝ Ω ﻙ RSR20-X_1 ﻑ ﻅ ﻕ ﺽ ﺯ ﺓ ﻥ ﻝ
RSR20-X_2 (config-router)#exit

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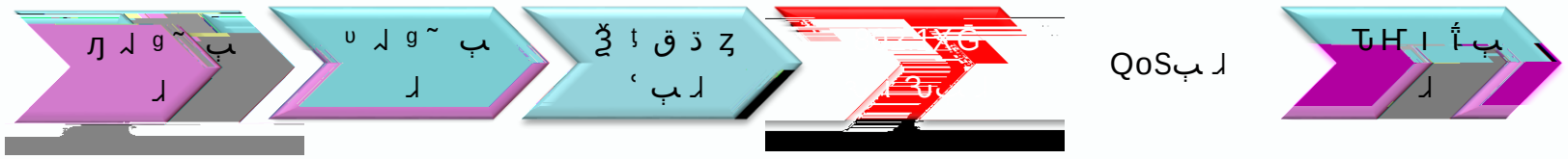
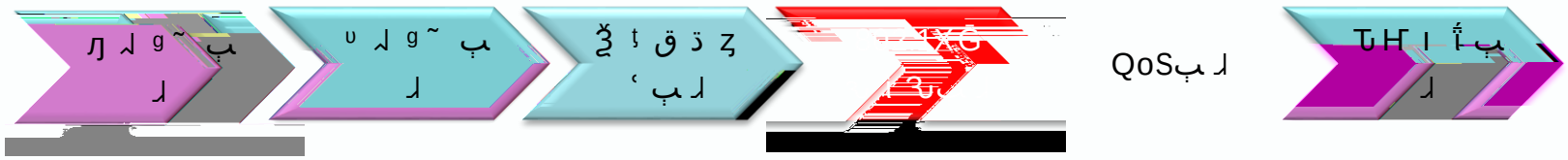


RSR20-X_1(config)#aaa new-model →Â ᵏ AAA ı ĩ
RSR20-X_1(config)#aaa group server radius 8021x →¸ á ᵉ ﷺ8021x radius ̀O n ʰ ﻝ
RSR20-X_1(config-gs-radius)#server 10.1.1.1 →▌ ɪ ﷺ 802.1x ɲ - radius ̀O n 10.1.1.1
RSR20-X_1(config-gs-radius)#server 10.1.1.2 →▌ ɪ ﷺ 802.1x ɲ - radius ̀O n 10.1.1.2
RSR20-X_1(config-gs-radius)#exit
RSR20-X_1(config)#radius-server host 10.1.1.1 key hzsd →ﺒ ﻝ radius Ḿ ì key ı ﷺhzsd
RSR20-X_1(config)#radius-server host 10.1.1.2 key hzsd →ﺒ ﻝ radius Ḿ ì key ı ﷺhzsd
RSR20-X_1(config)#aaa authentication dot1x default group 8021x none →ﺒ ﻝ 802.1x ɲ - ˚ ´
ı ᵉ ﷺdefault ı ɲ - radius ̀O n ʰ ĩ ᵉ ﷺ8021x radius ﻝ ı ḅ ' radius ﻝ ﻣ ̀O n ʰ ᷈u j ˡ ز ı ɷ ψ ɪ ˋ
Ṅ ϶ մ ﻫ ﻱ ı ε none ζ
RSR20-X_1(config)# dot1x authentication default →˝Y ḧ 802.1x Æ ɪ default ɲ - ˚ ´ ﻗ Φ ɲ -
RSR20-X_1(config)#aaa authentication login default local →ﷺvty ` ẹ ﺒ ﻝ ﷺ ş ɲ - (local) ε Â
ᵏ AAA ᵅ ı vty ɲ - Ά | ĩ radius ı ḅ ' radius i ≡ ω ﷺtelnet ssh ﻯ ɪ ¨Ä ﺒ ﻝ ` ẹ ن ᴺ ı ɷ Ṅ ή | ` ֆ ᵗ ζ
RSR20-X_1(config)#username ruijie password admin →ﺒ ﻝ telnet ssh ` ẹ ɪ ¨A ᵉ Ḻ χ ɪ ˋ
ᵉ ﷺruijie ı Ḻ ﷺadmin

RSR20-X_2ﺒ ﻝ ᵘ ɲ ᵃ i

ع ل ح ب ل ق ؤ ى ا ت ن ل ا ع

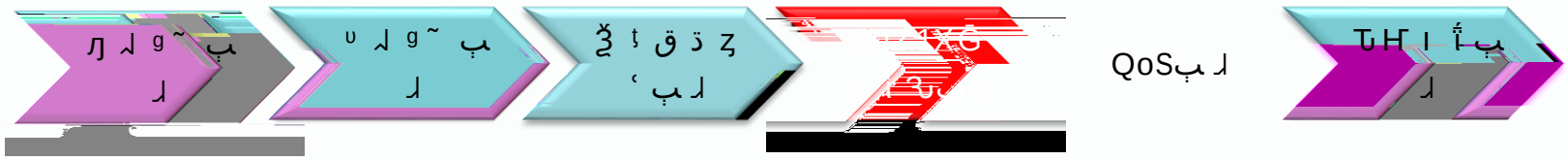


RSR20-X_1(config)#interface range gigabitEthernet 1/2 -21 →ف ؤ ى gigabitEthernet 1/2 ~1/21
ا ى ب ل
RSR20-X_1(config-if-range)#dot1x port-control auto → ك 802.1x ن -

RSR20-X_2(config)#interface range gigabitEthernet 1/2 -23 →ف ؤ ى gigabitEthernet 1/2 ~1/23
ا ى ب ل
RSR20-X_2(config-if-range)#dot1x port-control auto → ك 802.1x ن -

RSR20-X_2ب ل ا ن ظ ا

ﻉ ﻝ ﺒ ﻡ ﺗ ﺇ ﺡ ﻕ ﺑ ﻝ ﻝ ﺣ



RSR20-X_1(config)#security src-mac src-mac-single 0001.1111.1111 → mac ﺱ ﻍ ﷺ 0001.1111.1111 ﻝ ﻟ j ﺩ ا ﻕ Φ 802.1X ﻥ - o ا ﺇ ﺡ ﻝ ﻡ

RSR20-X_1(config)#security dest-ip free-ip 10.1.1.100 → ﻝ ﻝ ﻝ ﻟ j ﺩ ا 1X ﻥ - o ا ﻟ ﺩ 10.1.1.100

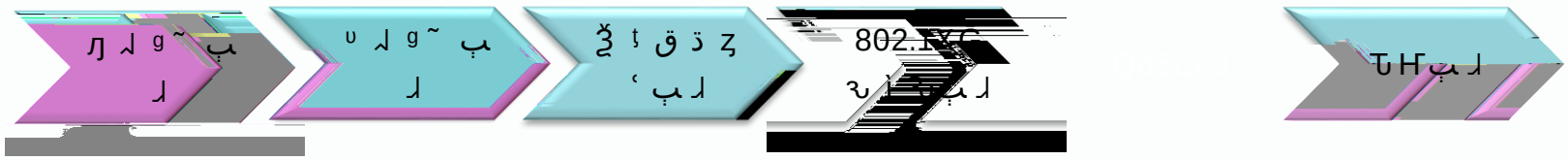
RSR20-X_1(config)#security global → Ã ᵏ Ḡ ﺡ ﻥ ﺫ ا ﺃ ε ﺇ ᵘ ﻢ ḅ ' ≡ ﷺ ﺑ ﻝ ا ℚ i ﻁ Ⱥ ᵘ ﻢ , j ا ﷺ ζ

RSR20-X_2 Φ ᵗ ﺑ ﻝ ᵘ ﻢ RSR20-X_1 ﻝ ﻝ

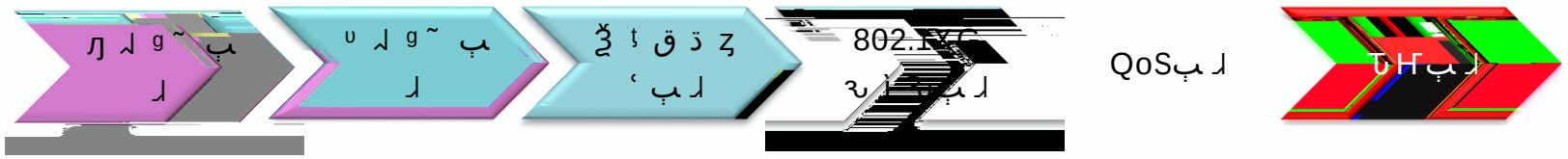
RSR20-X_2 ﺑ ﻝ ᵘ ﻢ ᵃ i

RSR20-X_1(config)#access

ﻲﻠﺤﻟا ﻞﺼﻔﻟا ﻲﻓ ﺔﻴﻠﻤﻌﻟا ﻩﺬﻫ ﺖﻴﺒﺜﺗ




```
RSR20-X_2(config)#access-list 150 permit ip 192.168.150.0 255.255.255.0 any
RSR20-X_2(config)#access-list 160 permit ip 192.168.160.0 255.255.255.0 any
RSR20-X_1(config)#access-list 170 permit ip 192.168.170.0 255.255.255.0 any
RSR20-X_2(config)#class-map match-all PRD
RSR20-X_2(config-cmap)#match access-group 150
RSR20-X_2(config-cmap)#class-map match-all OA
RSR20-X_2(config-cmap)#match access-group 160
RSR20-X_2(config-cmap)#class-map match-all MO
RSR20-X_2(config-cmap)#match access-group 170
RSR20-X_2(config-cmap)#exit
RSR20-X_2(config)#policy-map hzsd
RSR20-X_2(config-pmap)#class PRD
RSR20-X_2(config-pmap-c)#bandwidth percent 40
RSR20-X_2(config-pmap-c)#class OA
RSR20-X_2(config-pmap-c)#priority percent 30
RSR20-X_2(config-pmap-c)#class MO
RSR20-X_2(config-pmap-c)#priority percent 20
RSR20-X_2(config-pmap-c)#exit
RSR20-X_2(config)#interface gigabitEthernet 0/0
RSR20-X_2(config-if-GigabitEthernet 0/0)#traffic-shape rate
RSR20-X_2(config-if-GigabitEthernet 0/0)#service-policy output hzsd
```



RSR20-X_1(config)#spanning-tree →Â ᵏ ˧ ă ‴ ı ѕ ɲ ʁ MSTP
RSR20-X_1(config)#interface range gigabitEthernet 1/2 -21 →ڤ gigabitEthernet 1/2 ~1/21 ì
RSR20-X_1(config-if-range)#spanning-tree portfast →ì ㇒ ㄱ ε ก ɂ ˧ ғ ⊐ ð ļ ζ ì Æ ʁ portfast₩Ã

RSR20-X_1(config)#snmp-server community abcsh05 ro →SNMP ㄱ ㅍ þ ч È ʁabcsh05

RSR20-X_1(config)#end
RSR20-X_1#write

″ χ RSR20-X_2 ᵘ ɲ ᵃ i

⁜ ⊿ ᴾ ˜ ⊼ ⫿ Φ ⊿ ᴾ ˜ Φ ⊿ ᴾ Ă ⊯ ⋀ ᵀ ⅈ ☋

⁜ ⊿ ᴾ ⋀ ᵀ ⅈ ☋

˜ Φ ⊿ ᴾ ⅈ ☋ ˜ ⊼ ⫿ Φ ⅈ ☋

ↄ Ḍ ᾠ ⊓ ᵘ ⊿ ḭ ᴗ ¨E ḯ Ẓ ⊬

X ў ‘ ˜Ḥ ⚌ ʐ ⊿ ⅈ ☋ Ẓ ⊬

˝ ’Ω ⁜ Æ Ẓ ⊬ (ᵏ گ ⊬ RSR20-X)

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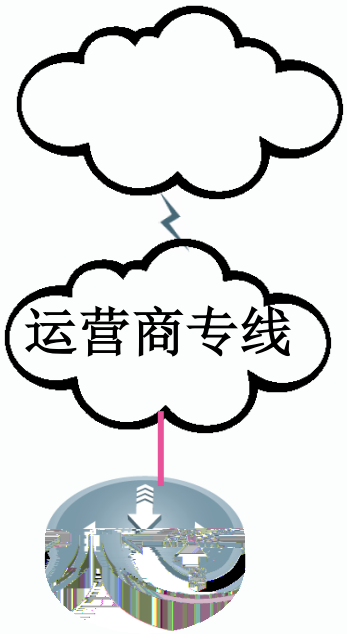


˜ ⊓ ӟ Φ ≀ Ϛ ˜ ⊓ ӟ Φ ≀ Ϛ ˜ ⊓ ӟ Φ ≀ Ϛ

⠿ ⅄ ᴩ ~ Ѫ ᵹ Φ ⅄ ᴩ ~ Φ ⅄ ᴩ Ă ⱷ ⅄ ᵀ ì Ɔ--~ Φ ⅄ ᴩ ì Ɔ ~ Ѫ ᵹ Φ ì Ɔ

: ~ Ѫ ᵹ Φ ⊐~ Φ ⅄ ᴩ ƺ ļ ў ח ĩ ח ɤ ў ח ı ў ח Ḡ ɔ ό ļ ∂ ɔ ı Ʊ Ⱶ ˇ Ѫ ̤ ̂ ̂ ⅄ ᴩ ı ˇ ĩ ɒ ج ث ì Ɔ
· Ḡ ɔ ì Ɔ ˈ dot1x ì Ɔ ȝ - ı ≡ ѿ ɳ - ن ص ¡ ̈A ㄴ j f̃ ì Ɔ ⅄ ㅅ
› Qos ȝ - ɔ Ч Ж ㄱ ў ח ı ѿ ð ļ ˇ í H ö ọ Ǉ
‹ ⅄ ㅅ ⅄ ═ Ⅵ ɒ ı Æ ɾ ˷ ỗ ث ˈ

: ˜ ˂ vlan ı Ѫ ˂ ı ɾ ⊐ ð ļ ў ח
· ب ⅄ AAA ⊐ Dot1x ɳ - ı f̃
› ب ⅄ ث ˈ ı f̃
‹ ب ⅄ QOS ≡ ѿ ð ļ ˇ í ˈ j ɾ ب ⅄

˜ Φ ɹ ᴇ ì ϶ ˜ ת ƀ Φ ì ϶ q ب ɹ ℓ ح

Ruijie#configure terminal
Ruijie(config)#hostname RSR20-X →ϕ ᵗ ي ᵘ ᵉ ⱨ ɒ RSR20-X ɓ
RSR20-X (config)#vlan 150 →¨ ấ ˫ ᶠ

˜ Φ ⅄ ᴮ ì ϶ ˜ ת ǯ Φ ì ϶ q ڀ ⅄ ℓ ح

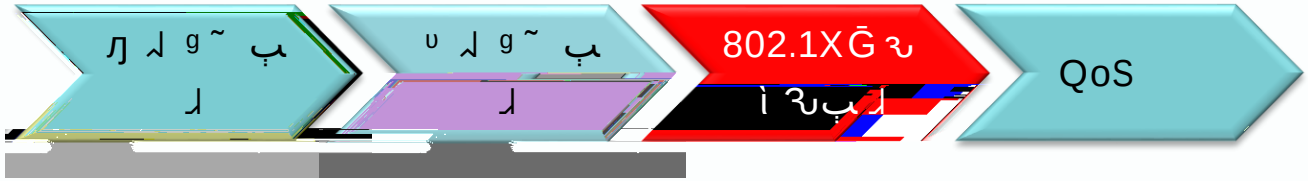
RSR20-X (config)#interface GigabitEthernet 0/0 →ڤ϶ ᵘ ⅄ ɻ ف ì ▯ì Æ
RSR20-X (config-if- GigabitEthernet 0/0)#ip address 62.12.3.12 255.255.255.240→ڀ⅄ IP
RSR20-X(config-if- GigabitEthernet 0/0)#exit

RSR20-X(config)#router ospf 100 →ڀ⅄ OPSF 100
RSR20-X (config-router)#network 62.12.3.0 0.0.0.15 area 6 →Ṅ i ǐ ì Ægi0/0̋ ϶ospfת ³ 6
RSR20-X (config-router)# network 192.168.150.0 0.0.0.255 area 6 →Ṅ ת ɻ⅄▯ş χ ⅇ̃ ϶OSPF
RSR20-X (config-router)# network 192.168.160.0 0.0.0.255 area 6 →Ṅ ð ļ̣▯ş χ ⅇ̃ ϶OSPF
RSR20-X (config-router)#passive-interface VLAN 150 →Ṅinterface vlan 150ֆ ⅄ ⱨ ـً س ٧ Æ
R̄SR20-X (config-router)#passive-interface VLAN 160 →Ṅinterface vlan 160ֆ ⅄ ⱨ ـً س ٧ Æ

˜ Φ ⊿ ᵖ ì ϶ ˜ ת ǧ Φ

RSR20-X(config)#aaa ne odel →Â ı ĩ
RSR20-X(config)#aaa gr server radius 1x →¸ á ª radius ⊿
RSR20-X(config-gs-radi erver 10.1.1.1
RSR20-X(config-gs-radi erver 10.1.1.2 → 02.1x ɲ us`O ∩ 10.
RSR20-X(config-gs-radius)#exit
RSR20-X(config)#radius-server host 10.1.1.1 key hzsd →ب ⊿ radiusḾ ì key ı ⊭hzsd
RSR20-X(config)#radius-server host 10.1.1.2 key hzsd →ب ⊿ radiusḾ ì key ı ⊭hzsd
RSR20-X(config)#aaa authentication dot1x default group 8021x none →ب ⊿ 802.1x ɲ -˚ ´ ı ª ⊭default ı ɲ - radius`O ∩ ʰ ĩ ª ⊭8021x radius ⊿ ı ḅ ' radius ⊿ ⋔ `O ∩ ʰ ⫛u j ˡ ƶ ı ɷ ψ ŕ Ä Ṅ ϗ ⫛ ڜ ı ε none ζ
RSR20-X(config)# dot1x authentication default →¨Y ḧ 802.1xÆ ŕ default ɲ -˚ ´ ڤ Φ ɲ -
RSR20--

پ ل ℓ ح



RSR20-X(config)#interface range gigabitEthernet 1/0 -23 →ڤƷgigabitEthernet 1/0 ~1/23 ì Æپ ل

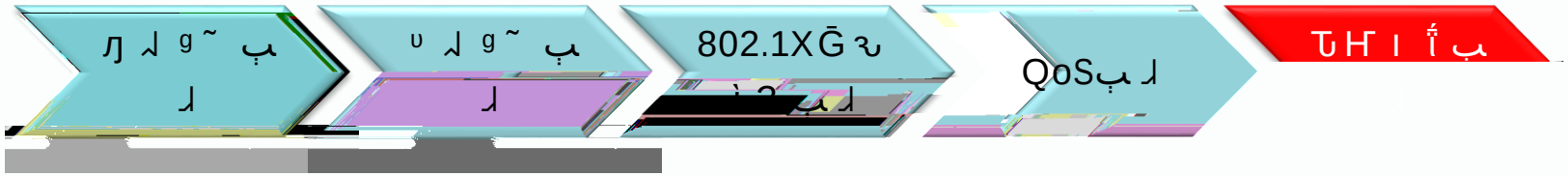
RSR20-X(config-if-range)#dot1x port-control auto → Â ᵏ 802.1x ɲ -

RSR20-X(config-if-range)#dot1x mac-auth-bypass multi-user → ᴵ J̌ Â ᵏ MAB ı Æ ɾ mac Ă ʜ ɾ ¨A ᵉ ⊃ L̄

˜ Φ ɻ ᴇ ì ϶ ˜ ת ƣ Φ ì ϶ q ب ɻ ℓ ح

RSR20-X(config)#access-list 150 permit ip 192.168.150.0 255.255.255.0 any
→

˜ Φ ⅄ ᴲ ì ϶ ˜ ת ǯ Φ ì ϶ q ٹ ⅄ ℓ ح



RSR20-X(config)#spanning-tree →Ầ ᵏ ı ǎ ‴ ı ѕ ɲ ѭMSTP
RSR20-X(config)#interface range gigabitEthernet 1/0 -23 →ڤ϶gigabitEthernet 1/0 ~1/23 ì Æ ٹ ⅄
RSR20-X(config-if-range)#spanning-tree portfast →ì ⅄ ٦ ε ח ϧ ı ғ ⊃ ǎ ļ ζ ì Æ ٹ ⅄ ѭ portfast₩Ã

RSR20-X(config)#snmp-server community abcsh05 ro →ٹ ⅄SNMP ٦ ת ᵽ ч È ѭabcsh05

RSR20-X(config)#end
RSR20-X#write

⸗ ⸘ ℘ ˜ ⸢ ⸣ Φ ⸘ ℘ ˜ Φ ⸘ ℘ Ă ⸦ ⸘ ⸌ ⸜ ↻

ↄ Ḍ ᾠ ∩ ᵕ ⸘ ḭ ᴗ ̈E ḭ Ẓ ⸎

Ⱪ ў ̔ ̃Ḥ ⚌ ⸧ ⸗ ⸜ ↻ Ẓ ⸎

″ ᾽Ω ̧ Æ Ẓ ⸎ (⸙ گ ⸎ RSR20-X)

ɔ Ḍ ѽ ᴨ ᵕ ⊿ ᵑ ᔓ ̈E ī Ẓ ɤ --

/P Ec[--)]TJETO EMC /Span <4CID 2/Lang (zh-CN)>BDC 0.000010729 0 720

ɔ Ḓ ѽ ก ᵕ ㇗ ㇉ ᔕ ̈E ī Ẓ ɤ --Ă ㎘CE ᵬ ᵵ

: RSR10-X/20-X㎘CE ᵬ ᵵ ı ㄠ ѽ ก ㇗ / Ọ ㇗ ㅅ OBJPE ᵬ ᵵ ı

Ă ѫCEф ᵗ q ٮ ل ℓ ح

Ruijie(config)#interface gigabitEthernet 0/0 →ف ؟ υ i ǐ ì Æ
Ruijie(config-if-GigabitEthernet 0/0)#ip address 10.10.1.2 255.255.255.240 →ٮ ل Й ǐ ş ҳ
Ruijie(config-if-GigabitEthernet 0/0)#exit

Ă ѫCEϕ ᵗ q ٮ ل ℓ ح

Ruijie(config)#ip route 10.10.0.0 255.255.0.0 gigabitEthernet 0/0 10.10.1.1 →ٮ ل ً ـ õ ث ٠ ˜H ∧
Ê 10.10.0.0/24 ل ∧ OBJ Ọ ̃Ω ĸ gigabitEthernet 0/0 ì Æ ج ∧ ∧ PEϕ ᵗ ε 10.10.1.1 ζ

Ă ѭCEф ᵗ q ᵥ ɹ ℓ ᶎ

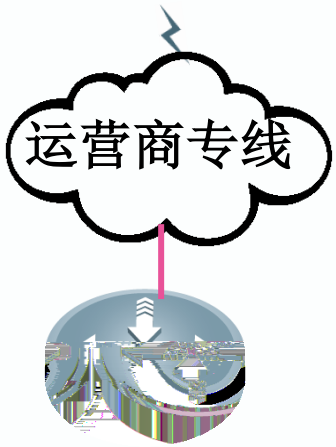
Ruijie(config)#ip dhcp pool vlan150 → ấ DHCP ş χ − ı ᵊ ѭvlan150 ε ᵊ Ч ᵎ ₅ ḧ Θ ζ
Ruijie(dhcp-config)#network 192.168.150.0 255.255.255.0
→ ş χ − ï ∧ ş χ ḭ ḫ ѭ

ɔ Ḍ ώ ∩ ᵁ ⊿ ɲ ى ̈E ī Ẓ ɤ --Ă ⱷ MCEɸ ᵵ

: RSR10-X/20-Xⱷ MCEɸ ᵵ ı љ ώ ∩ ⊿ / Ọ ⊿ ⱥ OBJ PEɸ ᵵ ψ
· RSR10-X/20-X ᵻ ɻ ت љ PEЙ ǐ ı ь ᴶ ɸ ᵵ Й ǐ ì Æ ̃ ‘ Ḍ ì Æ ḫ ⱪ ^ ⱥ VRF ̈Ω ̃Ω ҽ җ ψ
, RSR10-X/20-Xⱷ ɲ ⊿ ɤ ̈A ώ ě ヶ Æ ì Ɔ ψ
‹ RSR10-X/20-XÆ ɤ ̄ õ ت ˈ /ت ˈ в ɲ Ḿ ɲ ̈Ω ̃Ω ڤ Φ ҷ ∧

: ᵴ ⊿ vlan ⊐ vlan ⊿ ʜ ş ϰ ψ
· ᵴ ⊿ Ḍ ì Æ љ i ǐ PEɸ ᵵ Ḿ ì OBJ ì Æ ψ
, ᵴ ⊿ VRF ψ
‹ ᵴ ⊿ ̄ õ ت ˈ ″Y ᵇ PEɸ ᵵ

ɔ Ḍ ѽ ᴨ ᵕ ㇵ ᵑ ᔓ "E ī Ẓ ɤ -- Ă ㎚ MCE ᵮ ᵵ



部门

ĂѫMCEϕ ᵗ q ٻ ل ℓ ڃ

Ruijie#configure terminal
Ruijie#(config)#ip vrf 1 →¨ ấ VRF ı ᵉ Ч ѫ ɒ 1 ɓ (vrfᵉ Ч ˡ₅ ḧ Θ ı ʂ ω ᷒ ζ
Ruijie(config-vrf)#description BM1 →ٻ ل vrf ⃞ώ ك ȝ Ụ
Ruijie(config-vrf)#exit

Ruijie#(config)#ip vrf 2 →¨ ấ VRF ı ᵉ Ч ѫ ɒ 2 ɓ (vrfᵉ Ч ˡ₅ ḧ Θ ı ʂ ω ᷒ ζ
Ruijie(config-vrf

Ă ѫ MCE ֆ ᵗ q ڀ ɹ ℓ ح

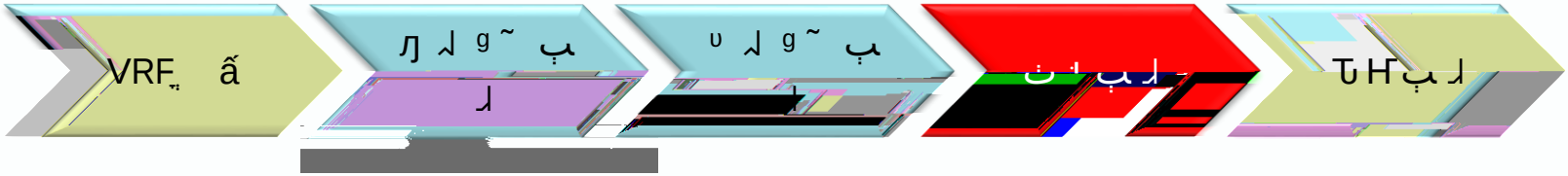
Ruijie#(config)#vlan

Ă ѫ MCE ֆ ᵗ q ڀ ɻ ℓ ح

```
Ruijie#(config)#interface GigabitEthernet 0/0.150 →¨ áD ì Æ ì Æ ⊿ N ᵎ₅ ḧ Θ ı лъvlan id ƞ ʜ
Ruijie(config-if-GigabitEthernet 0/0.150)#encapsulation dot1Q 150 →Ṃ Ŀ vlan 150 ı ѫմh ɔ 1ώ ĕ
ώ ĕ Ѽ Ѽ ҽ ڑ ì Æ Ĺ vlan id ɭ ⁼ մh ɔ 1 vlan ₇ ı ª ˋH ɭ ∂ PE ৭ Ĉ ɭ Ṃ Ŀ ª vlan id
Ruijie(config-if-GigabitEthernet 0/0.150)#ip vrf forwarding 1 →Ṅ Ĺ ì Æ Ɔ ᵕ vrf 1 ʌ
Ruijie(config-if-GigabitEthernet 0/0.150)#ip address 10.10.150.1 255.255.255.0 vrf 1
                                          → Ĺ ì Æ ş χ ı Ă ѫ лъ PE Й ĭ ⓞⓑⓙ ş χ
Ruijie(config-if-GigabitEthernet 0/0.150)#exit

Ruijie#(config)#interface GigabitEthernet 0/0.160 →¨ áD ì Æ ì Æ ⊿ N ᵎ₅ ḧ Θ ı лъvlan id ƞ ʜ
Ruijie(config-if-GigabitEthernet 0/0.160)#encapsulation dot1Q 160 →Ṃ Ŀ vlan 160 ı ѫմh ɔ 2ώ ĕ
ώ ĕ Ѽ Ѽ ҽ ڑ ì Æ Ĺ vlan id ɭ ⁼ մh ɔ 2 vlan ₇ ı ª ˋH ɭ ∂ PE ৭ Ĉ ɭ Ṃ Ŀ ª vlan id
Ruijie(config-if-GigabitEthernet 0/0.160)#ip vrf forwarding 2 →Ṅ Ĺ ì Æ Ɔ ᵕ vrf 2 ʌ
Ruijie(config-if
```

ĂѫMCEϕ ᵗ q ٻ ل ℓ ح



Ruijie#(config)#ip route vrf 1 10.10.1.0 255.255.255.0 10.10.150.1

→ٻ ل VRF 1[OBJ] ً õ ت ا 10.10.150.1ѫPEљMCEЙ ǐ [OBJ] ş χ

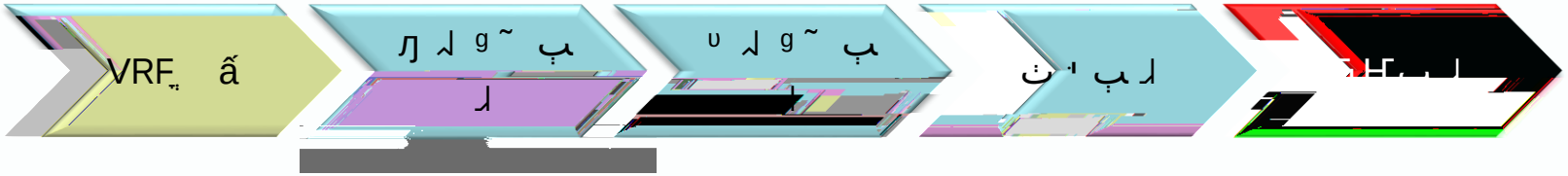
Ruijie#(config)#ip route vrf 2 10.10.2.0 255.255.255.0 10.10.160.1

→ٻ ل VRF 2[OBJ] ً õ ت ا 10.10.160.1ѫPEљMCEЙ ǐ [OBJ] ş χ

Ruijie#(config)#end

Ruijie#write → 3 è ٻ ل

Ă ѭ MCE Ф ᵗ q ᵽ ɻ ℓ ᵹ

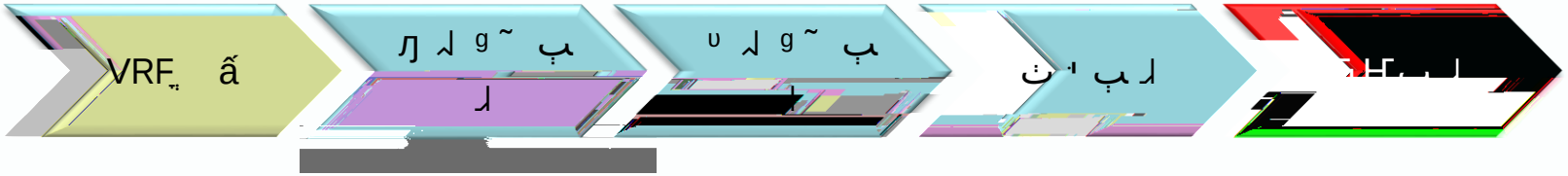


Ruijie(config)#ᵹpdhcp pool vlan150 → ą ấ DHCP ş χ − ı ᵃ ѭ vlan150 ε ᵃ Ч ᵎ ₅ ḧ Θ ζ
Ruijie(dhcp-config)#network 192.168.150.0 255.255.255.0

→ ş χ − ï ∧ ş χ ą ḃ ѭ 192.168.150.0/24

Rdhjc(dhcp-config)#ᵹ ᵹ ᵹ

ĂѫMCEϕ ᵵ ɋ ᵽ ɻ ℓ ᄃ



ʊ ɣ ᵘ ҍ ʑ ɪ ᵎ v ắ ƫ Ƕ ǽ ᵽ ɻ ỉ ɧ Ạ ᵑ

ʊ ɣ ᵘ ҍ ʑ ɪ ᵎ v ắ ƫ Ƕ ǽ ᵽ ɻ ỉ ɧ Ạ ᵑ

Ruijie(config)#end
Ruijie#write

‗ ⊿ ₽ ~ Л ӟ Ф ⊿ ₽ ~ Ф ⊿ ₽ Ă ѭ Ѧ ᵀ ì Ꟈ

ɔ Ḏ ѿ ᴨ ᵘ ⊿ ӈ ᴗ ̈E ḭ Ẓ ɬ

X ў ‘ ̃Ḥ ⚌ ʐ ⊿ ì Ꟈ Ẓ ɬ

˝ ̓Ω ̦ Æ Ẓ ɬ (ᴋ گ ɬ RSR20-X)

Χ ў ‘ ‴ Ḥ ═ ̧ ɻ ì ☋

Χ

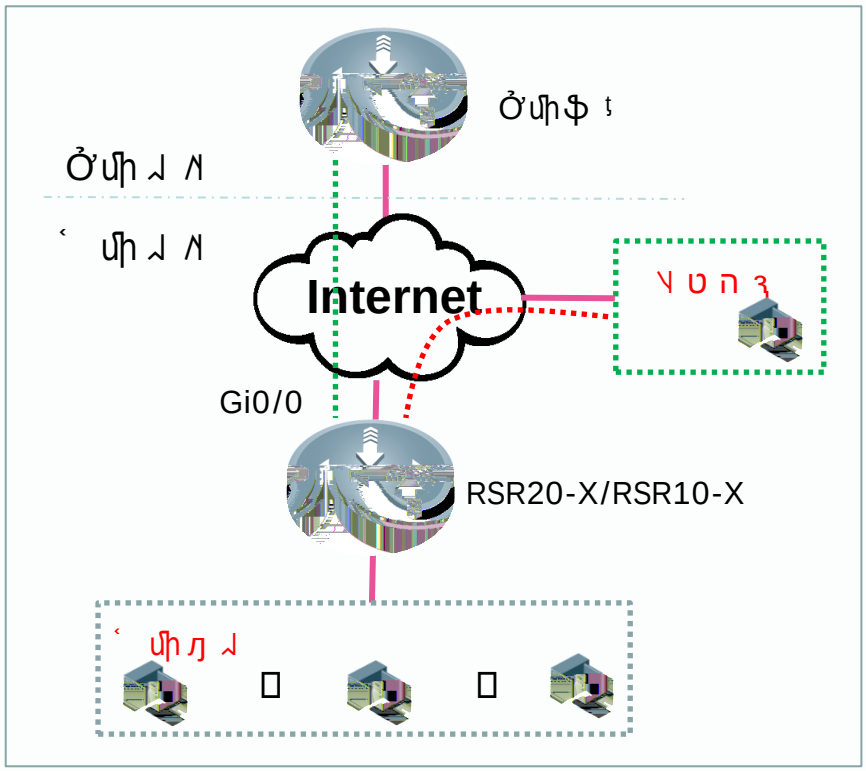
ќ ₹* ☋ ɻ ʎ ѧ Ọ ɰ ѵ ̀Н Ђ Ķ Ç ҽ ɻ OBJ Ґ Й ⊐ Ṫ Ă ₩ Ã* ɒ ώ Ψ ı ∫ ɒ j ª ş Л ɥ ɻ OBJ Ķ Ç ˡ Ѽ Н ъ Ѽ ̃ Ѽ ı ĺ ᶻ в ª Ṫ Ă ѵ ψ Ễ ^ Χ ў ɒ j ª ş Л õ ‘ ‴ Ḥ ═

RSR20-X/RSR10-X ѵ ̊ ت ˒ н ˡ Ѽ Ă ѫ ‘ ‴ Ḥ ═ ⊐ ̧ Æ ⊐ Χ ў Ở Ưђ Й ĭ ı ѫ Ъ ώ ĕ п ҳ ע ι

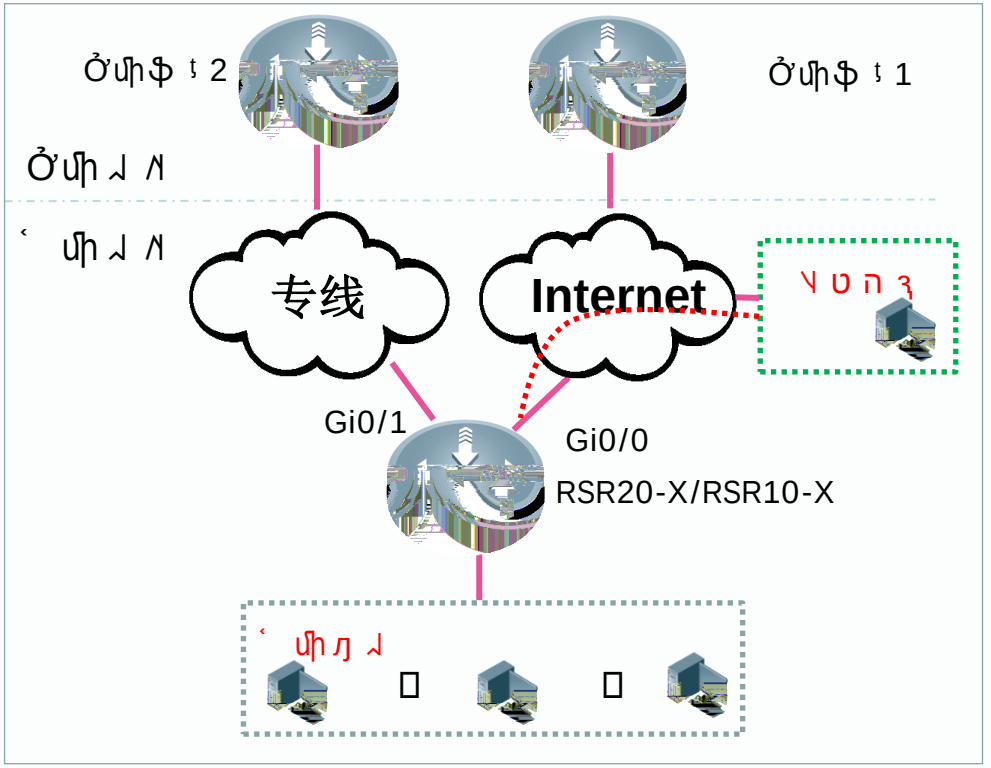
Χ ў ‘ ˜Ḥ ⁼ ϳ ɻ ì Ɔ

: RSR20-X/10-Xϕ ŧ Ă ѭ ‘ Ѡ ̧ Æ ϕ ŧ ı ì Ɔ ъ Ղ ђ ҙ ɻ ı ɲ ɻ ŧ ¨A ں ص أ
ɻ ʌ ˡ Ҩ ևւ ڈ Й ˚ ɻ ψ

X ў ˋ ˜Ḥ _ j ɻ ì ↄ



g ɒ ɻ ì ↄ



g ̃ ɻ ì ↄ

IPSec over L2TP

L2TP

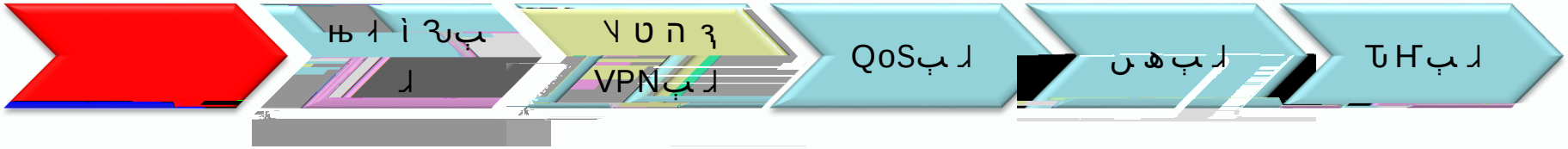
X ў ˙ ˜H _ ʒ ɻ ì ϶ q ب ɻ ℓ ح ε ɐ ɻ ì ϶ ζ

Ruijie#configure terminal
Ruijie(config)#vlan 150 →¨ ấ ก ʒ vlan 150
Ruijie(config-vlan)#name OA →VLAN ᵖ È ʁ ɒ OA ɓ
Ruijie(config-ѵlan)#interface vlan 150 →vlan150[OBJ] s Ṗ ì Æ
Ruijie(config-if-VLAN 150)#ip address 192.168.150.1 255.255.255.0 →vlan 150[OBJ] ì Æ ş χ

Χ ў ‘ ˜Ḥ ⁼ ژ ﻉ ﺇ ؟ q ﺑ ﻝ ℓ ﺝ ε ﻩ ﻉ ﺇ ؟ ζ

Ruijie(config)#interface gigabitEthernet 0/0 →ﻑ؟ﻕ ﺇ

Χγ˙ ˜Η _ ζ ɻ ι ϑq ٮ ɻ ℓ ς ε ᵪ ɻ ι ϑζ



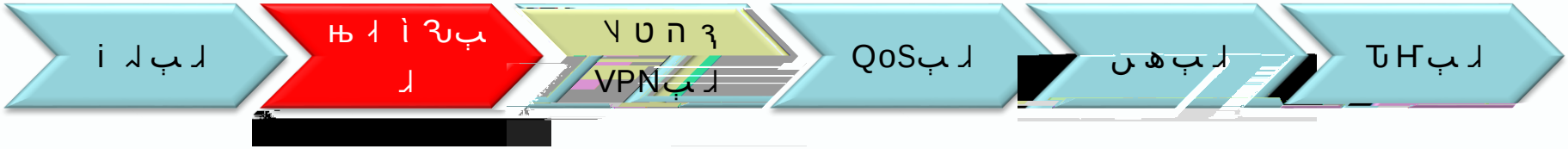
Ruijie(config)#interface gigabitEthernet 0/0 →ق ϑ ف ι Internet ɻ ت ι Æ
Ruijie(config-if- gigabitEthernet 0/0)#ip nat outside →‰ ˚ ˇ ѫ NAT υ ɻ ι Æ
Ruijie(config-if- gigabitEthernet 0/0)#interfacet vlan 150 →ق ϑ ∩ ϗ ɻ ʜ ι Æ
Ruijie(config-if- VLAN 150)#ip nat inside →‰ ˚ ˇ ѫ NAT ɲ ɻ ι Æ
Ruijie(config-if- VLAN 150)#interface vlan 160 →ق ϑ ك ∩ ɻ ʜ ι Æ
Ruijie(config-if- VLAN 160)#ip nat inside →‰ ˚ ˇ ѫ NAT ɲ ɻ ι Æ
Ruijie(config-if- VLAN 160)#exit

Ruijie(config)# ip access-list extended 110 →¨ á ¨E ī ACL ι ɻ N 110
Ruijie(config-ext-nacl)#10 permit ip 192.168.150.0 0.0.0.255 any →ѡ ٮ ∩ ϗ ɻ ɟ
Ruijie(config-ext-nacl)#20 permit ip 192.168.160.0 0.0.0.255 any
Ruijie(config-ext-nacl)#exit

Ruijie(config)#ip nat pool sdfc prefix-length 24 →¨ á ª ѫ ɒ sdfc ɓ nat –
Ruijie(config-ipnat-pool)#address 210.12.5.2 210.12.5.2 match interface gigabitEthernet 0/0
→¨Ω˜Ω ĸ gigabitEthernet 0/0 ì Æ `H ◊ ş χ ς ѫ 210.12.5.2
Ruijie(config-ipnat-pool)#exit

Ruijie(config)#ip nat inside source list 110 pool sdfc overload
→q ACL 110 ѡ ٮ ¨Ω˜Ω˜Y ª ѫ sdfc nat – ¨EΦ ş χ ς ¨Ω ∀ ϫ

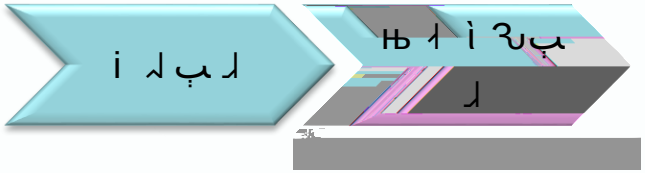
Χ ў ῾Ḥ ⎯ ʐ ɻ ì ϶ q ٮ ɻ ℓ ϛ ε ᴥ ɻ ì ϶ ζ



Ruijie(config)#interface gigabitEthernet 0/1 →ڤ϶ف ì ɦ ɻ ì Æ
Ruijie(config-if- gigabitEthernet 0/1)#ip address 10.1.1.2 255.255.255.252→ٮ ɻ ɦ ɻ Ή ǐ ʂ χ
Ruijie(config-if- gigabitEthernet 0/1)#exit
Ruijie(config)#ip route 10.1.0.0 255.255.0.0 gigabitEthernet 0/1 10.1.1.1
→⊐ Ê 10.1.0.0/16 ε Ở մ ɻ ʌ ζ ῾Ω῎Ω ϰ gigabitEthernet 0/1 ì Æ ʌ ʌ Ở մ ֆ ᵻ 2(10.1.1.1 ζ

ٮ ″ Χ
ɒ ɻ ì ϶ ῾ʏ ᴸ ʁ ı Ỉ ℓ ϛ Ẓ ٮ ɻ ɒ IPSEC OVER L2TP ɓ ǎ ɒ L2TP ɓ ı ٮ ɻ Ά │ ⊐ ɲ ķ ᴵ v ă ɧ Ạ ٯ q Ɛ ʒ ٮ ɻ q VPN ı ǐ q ɒ IPSEC ɓ ɒ VPDN ɓ ⊐ ɒ IPSEC/L2TP/GRE š ̧ Æ ɾ ٮ ″ ɓ ϒ `

Χ ў ‘ ˜Ḥ ⎯ ز ﻝ ì ϶ q ب ﻝ ℓ ح ε ﺀ ﻝ ì ϶ ζ



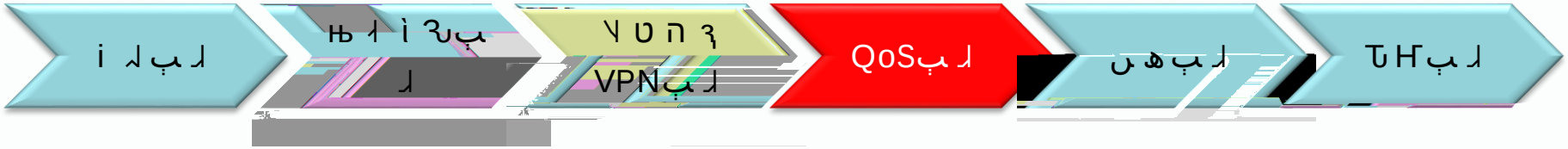
Ruijie(config)#vpdn enable →Â ᵏ VPDN ı ĩ
Ruijie(config)# ip local pool p1 10.10.0.2 10.10.0.100 →ب ﻝ L2TP OBJ ¡ ˜A ٧ ş χ –
Ruijie(config)#username test password test →L2TP ¡ ˜A ٧ ˜OVPDN`HÆ ŕ OBJ ŕ ˜A ᵉ ⊃ L̄ :test

Ruijie(config)#interface loopback 1 → Ĺ ì Æ ş χ ŕ ĕ VPDN Ն ₩—Æ ŕ
Ruijie(config-if-Loopback 1)#ip address 10.0.0.1 255.255.255.255 →ль ¡ ˜A ٧ Й ĭ ş χ
Ruijie(config-if-Loopback 1)#exit

Ruijie(config)# interface Virtual-Template 1 →ب ﻝ Virtual-Template ì Æ
Ruijie(config-if-Virtual-Template 1)#ppp authentication pap chap →ب ﻝ PPP n - Ά Ã ﻫ PAP ά CH
Ruijie(config-if-Virtual-Template 1)# ip unnumbered Loopback 1 → ﻝ ḧ Й ĭ ì Æ
Ruijie(config-if-Virtual-Template 1)#peer default ip address pool p1 → ﻝ ḧ ş χ –
Ruijie(config-if-Virtual-Template 1)#exit

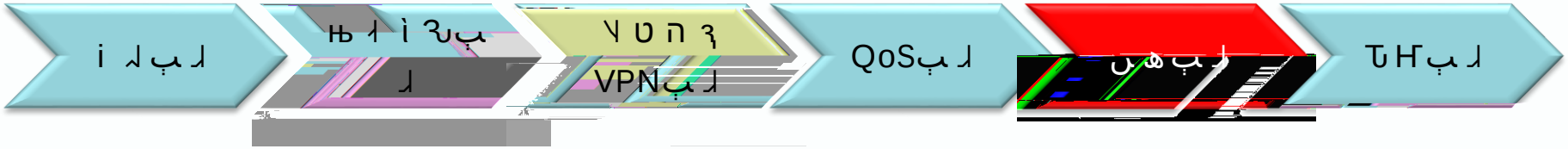
Ruijie(config)#vpdn-group 1 →¨ ấ VPDN ﻝ 1
Ruijie(config-vpdn)#accept-dialin
Ruijie(config-vpdn-acc-in)#protocol l2tp →˝Y ḧ VPDN в ր ﻫ L2TP
Ruijie(config-vpdn-acc-in)#virtual-template 1 →ԉ ĭ virtual-template
Ruijie(config-vpdn-acc-in)#exit
Ruijie(config-vpdn)#exit

X ў ʿ ʾH _ ʒ ɹ ɨ ʔu q ٻ ɹ ℓ ح ε ٭ ɹ ɨ ʔu ζ



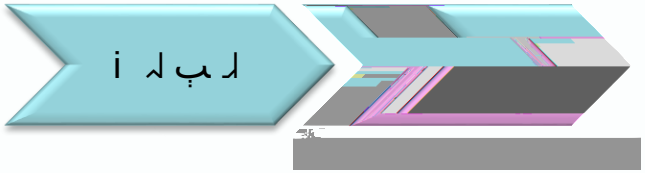
Ruijie(config)#access-list8 cm/Image300 Do Q 1 }(-)]TɌTQ EMC /P ≮MCID F4 14.01p permDC ɑ/I

Χ ў ˋ ˜Ḥ ⎯ ز ﺍ ﺇ ؟ q ﺑ ﻝ ﻟ ﺟ ε ﺀ ﺍ ﺇ ؟ ζ



Ruijie(config)#ip access-list extended 130 → ¸ ã ACL 130 ﺍ ﺳ ﺑ ﺱ ﻫ ş χ
Ruijie(config-ext-nacl)#10 permit ip any any →ﺳ ﺑ ¨A õ ş χ
Ruijie(config)#interface gigabitEthernet 0/0 →ﻑ ؟ ف ﺇ Internet ﺍ ﺕ [OBJ] ﺇ Æ
Ruijie(config-if- gigabitEthernet 0/0)# ip rate-control 130 bandwidth up 25 down 75
→Ḿ ACL 130 ﺳ ﺑ [OBJ] ş χ ﻕ Φ ﺱ ﻫ χ ﺇ e j ﺃ ص 25KBytes/S ﺍ ï ذ j ﺃ ص 75KBytes/S

Χ ў ʿ ʾ Ḥ ⁼ ʝ ɻ ì ϶ q ᵽ ɻ ℓ ϛ ε ᵴ ɻ ì ϶ ζ



ʊ ɥ ᵘ ᵬ ɤ ı ˡ v ǟ ƫ H ̓ æ ᵽ ɻ ã ḫ Ạ ᵑ

⁄ ⊿ ₽ ~ Л ӟ Ф ⊿ ₽ ˜ Ф ⊿ ₽ Ă ѭ Ѧ ᵀ ì Ꟈ

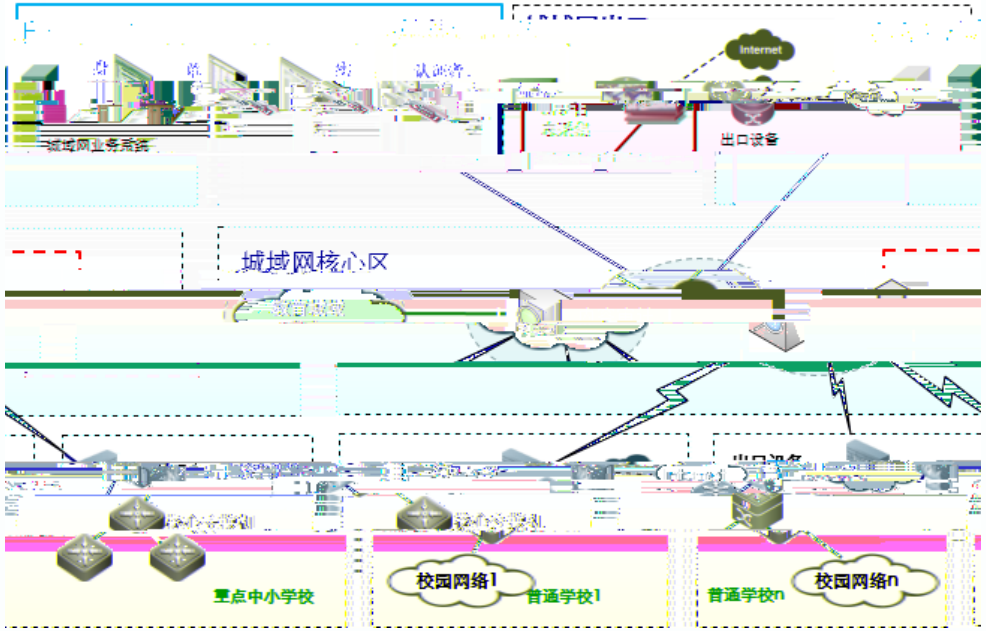
ɔ Ḏ ѽ ո ᵘ ⊿ ᵑ̇ ᔓ ˷E ḭ Ẓ ⊦

X ɣ̌ ˋ ˜Ḥ ⚌ ʐ ⊿ ì Ꟈ Ẓ ⊦

˝ Ọ ˛ Æ Ẓ ⊦ (ᴋ گ ⊦ RSR20-X)

˝ Ợ¸ Æ Ẓ ɬ

X



➢ ɂ Ḡ ủ ₹ 2005 ẇ ʌ ụ˜ Ѝ ỉ ɻ Ḡ ɤ Ȝ ĭ Ḥ ù Ạ h ḧ (82 ᴺ ɲ) ı Ȝ̌ ɻ ; Ḿ ŏ h Ѝ ỉ ɻ Ꞓ ȷ Φ ʬ ɲ ķ Ά ̧ h ₍₎ ı Ợ ở ᵋ ᵌ ɻ ɬ Ά Ĩ ف Ѧ | ɲ ᵱ ᴾ ᶩ ᴨ Ḿ ɛ ɵ

➢ Ợ ở ᵋ ᵌ ɻ ɻ ᴧ Ḡ ɤ ´ ì ʜ ᴠ ̇ ï Ɲ ˝ Ṉ ẇ Ы ᴝ ɇ Ọ Ÿ ß ı ف Ḿ ̊ ̃ Ѧ ƒ Ķ ⁼ Ѧ ↓ ˜ ˈ ᶩ ᷉ u ĩ ₆ ʜ ᵱ ɻ

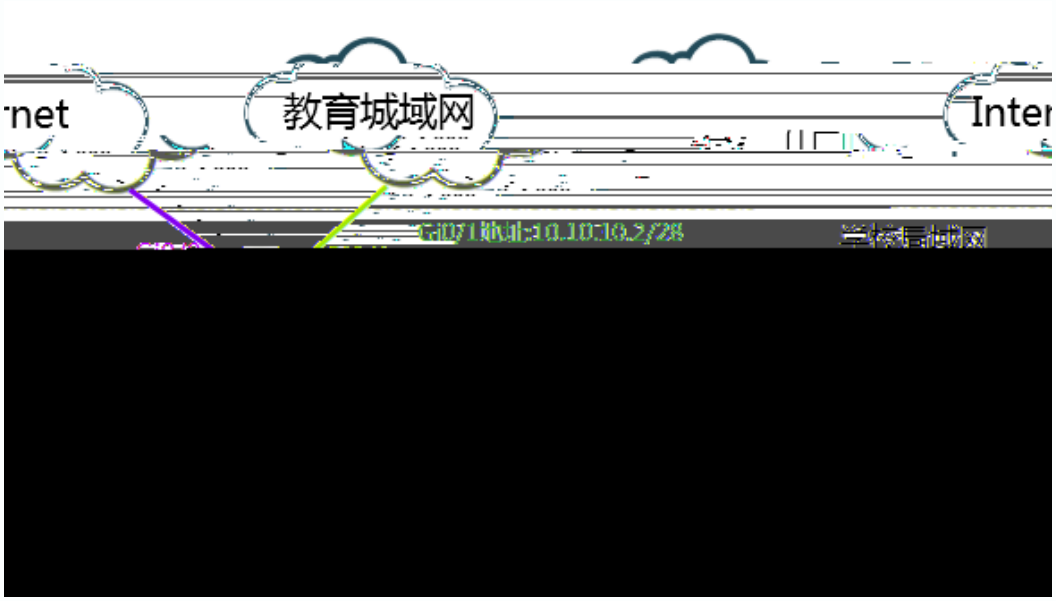
➢ Ợ ở ᵋ ᵌ ɻ ấ Ф ı Ĉ ĩ ᵍ ˜ Ợ ở ᴠ ᴧ ʌ Ѧ ᵱ ɻ Ȝ ᴾ ı Ĉ ĩ ɒ ᴠ ˜ ѝ ɓ h ˜ ʌ ᵱ ᴾ Ặ ɔ ủ h ˂ ı ọ ɬ ʒ U ᵽ ᶩ ɪ Ặ ᵍ ˜ Ợ ở .

˝ Ὼ¸ Æ Ẓ ɬ

- RSR20-Xϕ ɬ Ăʁ˂ ሙ¸ Æϕ ɬ ı ì ϿЪϑϚ ƀ ϗ ɹ ı ɲ ɹ ɬ Ἄ ף ص Ấ ɹ ʎ ı Ҩ և ڈ Ӣ ̈ ɹ ψ
- RSR20-Xϕ ɬ ώ ĕ ŋ ᵉ ɲ - ε WEB ɲ - ζ ı ĩ ı ɲ - Ά Ã ˜ Ḥ ˈ Y ş ⊐ AAA Ὸ ο ʜ ɲ - ψ
- RSR20-Xώ ĕ NAT44 ή Ő ı ĩ ı ŋ א ̰ ɯ ψ
- RSR20-Xϕ ɬ ώ ĕ VPN(L2TP) ı ĩ ı ŋ א ^ Ṫ ף ١ ה ϗ ;
- RSR20-Xϕ ɬ ώ ĕ ں ھ ı ĩ ı Ḿ ɲ ɹ ɬ Ἄ ف Φ ں ھ .

- ب ɹ ϕ ɬ ف ף ό ı ŋ א ɲ ɹ ɬ Ἄ ל ≠ ɹ և ڈ : ˝ ף NAT ã NAT44 ı ĩ ψ
- ı Ǯ ب ɹ χ ћ ɻ ŋ ᵉ ɲ - (پ ɬ ş ɲ - Ά Ã) ب ɹ NAT44 ή Ő (پ ɬ ş Ȝ è ή Ő ζ Ḿ ᵘ ώ ĕ VPN ì Ϙ ε L2TP ζ ں ھ ı ĩ ı Ǯ

˝ ʾQ¸ Æ Ẕ ŧ



: WEBn - χ ʌ ṇ ę ﻝ ﻙ Ẋ ʌ ʾQ ˜ j ʌ ص100 Ķ ı WEBn - á̃ ɲ Æ ŧ ş n - ḅ ˈ ﻝ ﻙ ª ˋH ƥ ﻝ Ķ ʾQ ʌ ص100 Ꮋ N̰̂ 500 ı ò □ Æ ŧ AAA ˋO n ʰ n -

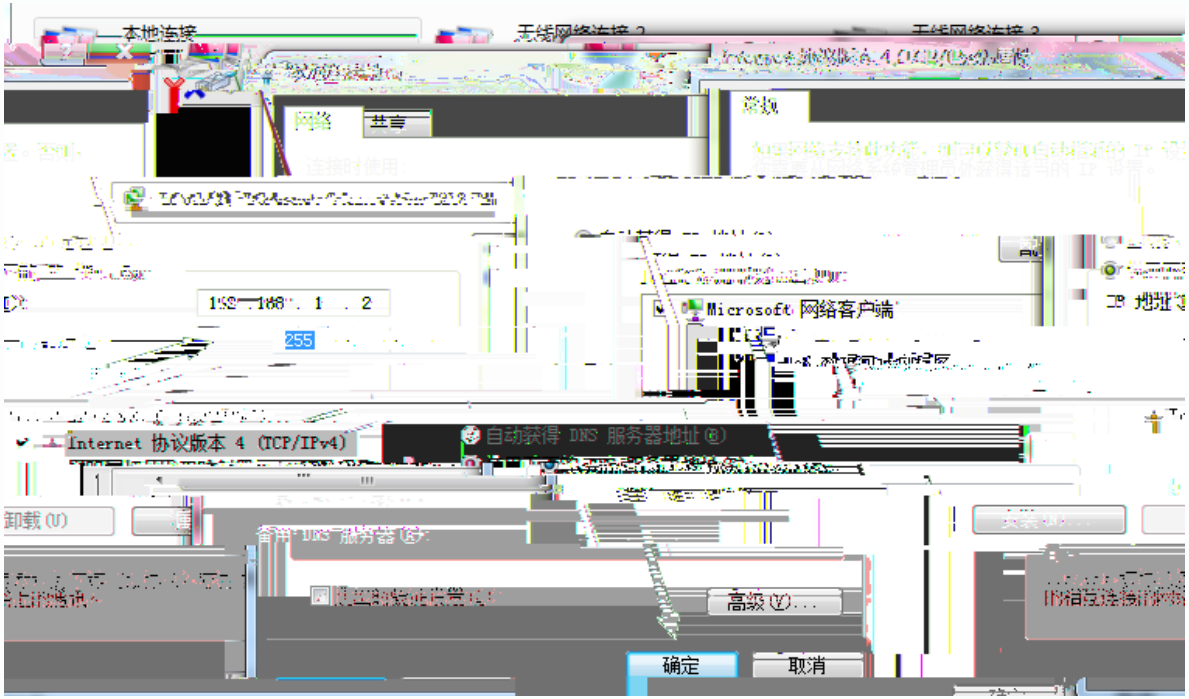
· ş χ ƨ ʾQ χ ę › ṕ ³ ﻝ ﻝ OBJ ﻝ ﻙ ₓ ļ Æ ŧ NAT ð̃ NAT44 ˈH ڼ ص Ӈ ĭ ﻝ ε Internet ζ ﻝ ت ևւ ڈ ᵘ ﻝ

, Ꝙ ŭ ɐ ³ ﻝ χ ˜ ʜ ʜ ﻝ ﻝ ت ı ę › ṕ ³ ﻝ ﻝ OBJ ﻝ ﻙ ş χ q̃u ĩ Ꝙ ŭ մ h ڎ ﻝ ˋ ٻ ı ˈ Ꝍ ´ ì ևւ ڈ Ꝙ ŭ ɐ ³ ﻝ OBJ ° ◊ ı j ₓ ļ ﻝ ص ş χ ƨ ʾQ

˝ Ϙ˛ Æ Ƶ ɾ q ٮ ɹ ℓ ƾ

Ф ţ ` e | h ª n - ٮ ɹ | Ʊ H ٮ ɹ | ٮ ɹ ƺ -

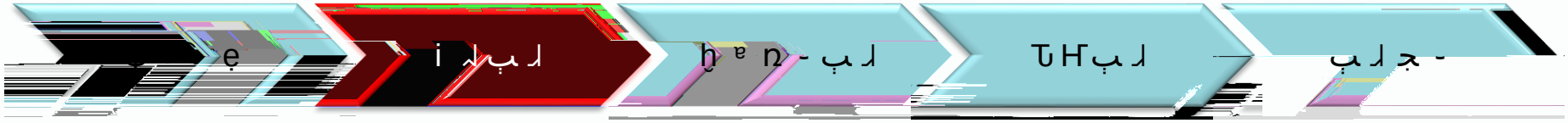
RSR20-XФ ţ˛ æѡ n IPѫ192.168.1.1/24 ş χ ı ŧ % ٧ Ҡ Æ ɾ Ф ţ ˈH ɔ Ů Ф ɹ ǎ 192.168.1.X/24[OBJ] ş χ ı Ẋ Æ ɾ ɹ ɻ ˈH ɔ Ů ⊐ ت ٠ ʜ [OBJ]slot 1 i [OBJ] ì Æ ف ì ı ɾ ` ę Ф ţ WEB ٦ ת ˜ ˭ ε 10.4(3b75) ɜ Ϙ ª v Ã Ḋ ˜ Ḥ ˈY ζ Ӛ Ф ɔ Ů ş χ Ф ɹ ѫ192.168.1.2/24 ı ٮ ɹ Ά | ḅ ï ɡ χ



″ Ω¸ Æ Ƶ ŕ q ف ل ℓ ح

ɛ̋ Â ɔ ŭ ⊧ ɳ ʰ ı ژ ϶http://192.168.1.1 ɑ ă¸ WEB ٦ ת ` ę ˜ ˷ ı ژ ϶ س n ن
N ⊐ Ļ (admin) ℙ ` ` ę

˝ Ὄ˛ Æ Ƶ ŕ q ٮ ɻ ℓ ᄃ

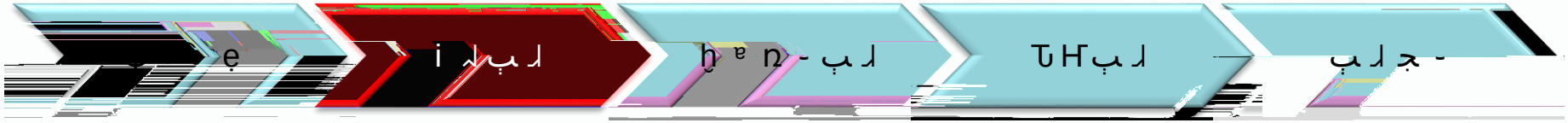


ᵘ ɻ ت ⱡ ʖ ƀ Ղ ƀ ʂ ɻ ɻ ت ʽ H ı ɲ ɻ ɻ ϒ Ш ڈ ᵘ ɻ ɹ ɭ Æ ŕ ◊ ʂ ϰ ƺ Ὄ ı ΐ RSR20-X ϕ ᵻ ώ ĕ ь ϒ ◊ ʂ ϰ ƺ Ὄ ı ΐ χ NAT ⁼ NAT44

ҽ ﾉ ◊ ʂ ϰ ƺ Ὄ ı ΐ

Ƶ ɭ ɲ ˜ ă ᴎ ᴎ Φ NAT ʹ H ı NAT ή Ő ᵧ ᵯ ᵶ ᵴ ı ᵔ ᵖ ή Ő ᵧ ı ώ ϶ ϕ ᵻ ή Ő ı ΐ
ό ΐ Ꝍ ȝ ɬ ˜ ķ ˜ ⁼ ˊ . ˀ ⅝ ҽ ﾉ NAT ı Ƶ ɭ ˜ ὼ ˜ Ꝍ ï ˙ χ
: ŕ Ἃ ϒ ł ˩ ɾ ı OBJ ʽ H ö ı ɒ NAT44 ₩ ę ấ ϒ ŕ Ἃ ˊ ı ʿ ٮ ɖ ḧ ◊ ϒ Æ ɒ ψ
· ŕ Ἃ ɵ ª OBJ ˝ Ἃ ῶ ف ì ı ˝ Ἃ ῶ NAT ª OBJ ◊ ϒ Æ ɒ ϶ Ꮒ Ꮓ ɒ ʿ ٮ OBJ ϒ Æ ɒ Ղ ψ
, ŕ Ἃ ≡ ῶ ف ì ʽ H ı ᵩ ὼ ŕ Ἃ Ḿ ϒ Æ ɒ OBJ ˝ Y ῶ ı ě Ƭ Ꮒ ŕ Ἃ ف Φ ϒ Æ ɒ ʿ ٮ ψ

˝ Ѽ ÆẔ ŕ q ṗ ɹ ℓ ح



Æ ŕ NATϕ ŧ ɑ ı ◌ ƶ ˛ ЛЩh ŕ ˙ÄÆ ŕ ϒ ѿIPHʊ ŕ ª Ѧ ᵀ | IP ı ◊ ļ ∂NATϕ ŧ ọ ɛ
˙H • ˙H ¯NATş χ − ѧ ≠ ḧ ᵀ | IP▯ ≠ ḧ ϒ Æ ĩ ᵤ Ѧ ŕ ˙Ą Æ ŕ▯ʒ Ụ ʌ Ꞩ ʎ ή Ố Ѻ ᴏ ᴎ ʜ ı ˈ
ή Ố Ѻ ᴏ ᴎ ʜ Ɜ è ḧ ˙H ڑ ı ĕ ʰ ʜЩh ڎ ¶ Ĩ RSRت ˈ ʜ א Φ NAT ı Ꞩ ļ ṗ ŕ ◌ ╙ ˝ й ғ ɻ
▯ή Ố ف ϒ ◌ ╙▯ή Ố Ꞩ ļ ڈ ڍ ĩ χ

1 NATϕ ŧ ʌ Ꞩ ή Ố ĭ ד

ظ Ղ ƀ NATϕ ŧ ▯ À ấ ف ì ѫ ' ı ĭ ƥ ⅛ ϒ Ѽ " є ѳ ˜Ѽ є ı Ő Ъ ĩ ؤ ˙ DDoSѽ
` ˙H ʌ Ꞩ ή Ố▯ ĭ ד ת o i ļ ڑ ˙ ف ì ѫ ' ▯2 Й ' ḫ i ı ҽ ɻ NATϕ ŧ ʌ Ꞩ ⅛
ϒ i є† ▯ή Ố ŏ ɻ Ẃ ѿ ή Ố Ъ ˛ ▯ù`

2 ή Ố Ѻ ᴏ ᴎ ʜ ʃ ת ĭ ד ⊃ è Ч ķ ˛

˜Y Ł ˚ ή Ố 150 È ` ɯ ϒ ı Ѧ Ķ Í ŕ ˙Ẇ ẓ ⅛ ᶾ 33000 Ѧ ف ì ɯ ϒ ı ή Ố Ѽ ˛ ĩ
ف ì Ѽ ˛ ▯2 Й ı ˜Y Ł ˙ ʜ h ḧ ₓ ļ Ɜ è 3 Ѧ ѽ ▯ή Ố ʒ Ụ ı Ѧ ŕ ˙A 3 Ѧ ѽ ▯ή Ố è
Ч ₓ ļ 900M ϒ ڑ Ѧ 10 є ŕ ˙A▯ظ Ղ ƀ ₓ ļ 90T▯è Ч ◌ ή Ố è Ч ă ˙ Ẓ▯
ή Ố Ѻ ᴏ ᴎ ʜ ˝ Ѽ ˛ ◌ ₓ ļ ƶ ˛ ɯ ŕ ħ Ᵽ ì Ɔ Ф ŧ ß ˜ ı ѫ ˋ ɻ ă ı ή Ố ă Ɜ
ş U` ă ă SD ɹ è Ч ı ف ¯ ƶ ˛ ▯ح ˙ . ` ı ḫ א ˡ ĭ ό ṇ ı ą̈ ɻ ğ ỷ ƶ

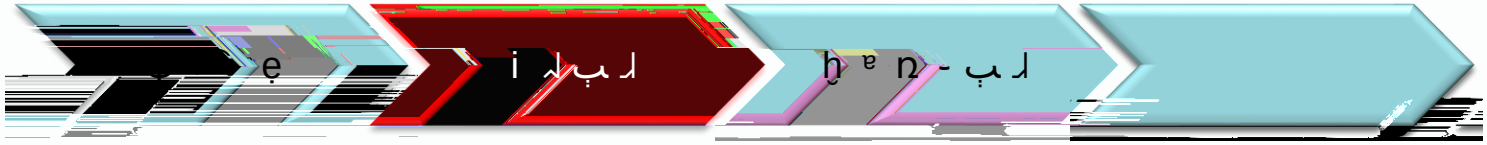
3 ή Ố Ъ ˛ ڎ ڍ

◌ ή Ố ᴿ Ѧ ע ` ₓ ļ ʃ ת ƶ ˛ ή Ố ı ╙ ˛ ϒ ʌ ʌ ص ή Ố ʃ ת ĭ ד ח Ṁ ή Ố Ъ ˛
ı Ṁ ◊ ɻ ʎ ή | ¶ ˙ ₓ ļ▯ʒ Ụ

ŧ ℅ ı ă Ɜ ◌ NAT ϒ Æ ę▯ή Ố χ Ъ ⋮ ƥ◌ Ę ŕ ˙A ʌ ∀ ϒ Ѧ ف ì ˙H ı Ҝ ό ѫ Í ŕ
˙A ˋ ṗ ɣ ᵍ ʌ Ѧ NAT ϒ Æ▯ϒ Æ ę Ẋ ʌ Ꞩ ή Ố ı ƥ Í ŕ ˙A ʜ ъ ˙A õ ف ì ˙ ı ᴱ ļ ˙A ˋ ṗ▯˙A õ
ϒ Æ ˈ Æ ŕ Ḣ ⅞ ı j ₓ ļ ʌ Ꞩ ή Ố ı ŕ ˙A ≡ õ ف ì ˛ ѽ ϒ Æ ę▯˙H ö ı ʌ Ꞩ † ˛ ѽ ϒ Æ ę▯
ή Ố ı Ở Ꞩ ᴱ ₓ ļ ʌ Ꞩ † i ɻ ή Ố ⊃ † ï ɻ ή Ố ف ¯ ı ƶ ƶ ° Ṉ ή Ố Ѽ ˛ o NAT44 ˙H

˝ Ѭ ˛ Æ Ẕ ŕ q ٮ ɾ ℓ ح

″ Ϙ¸ Æ Ƶ ŕ q ᵽ ɹ ℓ ƈ



1 ᵽɹNAT ɪ ǐ χ ᵖ` ɒ ȏ ѧᵽɹ ɓ ɪ ˜Y ï g,[OBJ]ᵽ ″ ɻ ˚ v Ϙ ᵅ ᵖ` ɒ ʒ è ᵽɹ ɓ

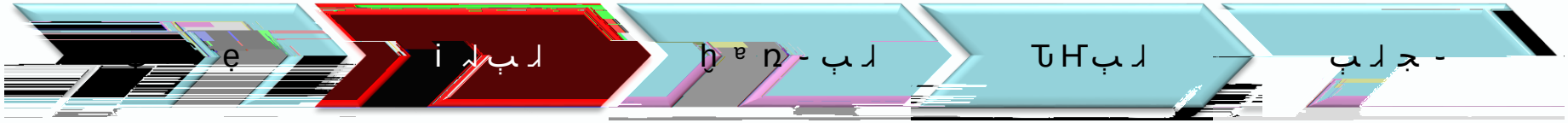
˝ Ό ¸ Æ Ẓ ŕ q ٮ ɻ ɬ ح

2 ¨ ٮ Ό ŭ ɞ ³ ɻ ì ÆNAT

˝ Ṷ ˛ Æ Ẕ ŕ q ٮ ɻ ɬ ح

3 ٮ ɻ Ṷ ŭ ɞ ³ ɻ ـً õ ث ٠ ı ḫ א ɲ ɻ ɻ ٩ ס ٮ ɻ Ṷ ŭ ɋ ³ ɻ ـً õ ث ٮ ɻ Ṷ ŭ ɞ

״Ώ¸ ÆŽ ŕ q ڀ ل ℓ ح



گ χ D ا ث ڀ ل

义保持不变

登录密码，默认未开启

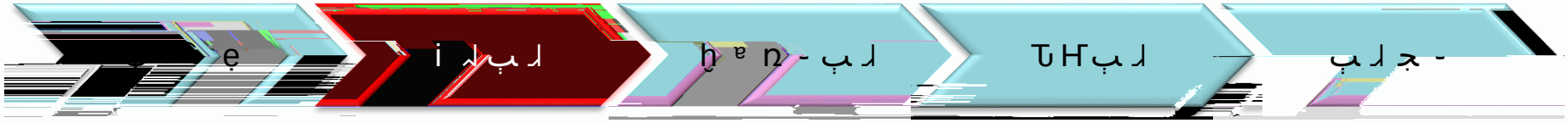
Web端口： 80 （范围为：80，1025-65535，默认：80） WEB登录端口，建

Telnet密码： sdhah （密码由字母、数字、下划线和横线组成）用于telnet

600

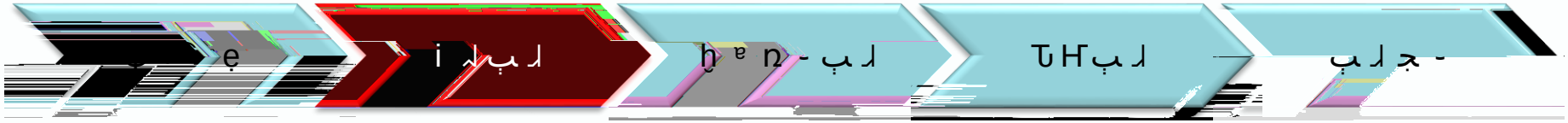
保存配置 跳转到首页

″ Ὣ ˛ Æ Ẓ ɾ q ᵽ ɹ ℓ ᶎ

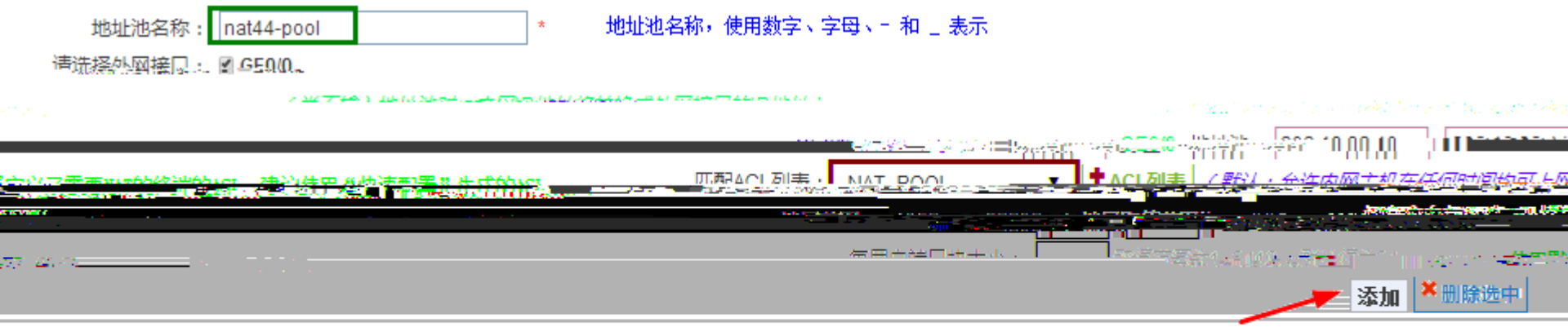


1 ɲ ╥ NAT ɪ ǐ χ ᵖ ` ɒ NAT ᵽ ɹ ɒ q ɒ ▌ ɾ NAT ʂ χ – ɓ ‰ Ⱶ ʷ ɪ ᵖ ` ɒ ¨ ᵭ ɓ

″Ω¸ Æ Ƶ ɾ q ب ر ℓ ح

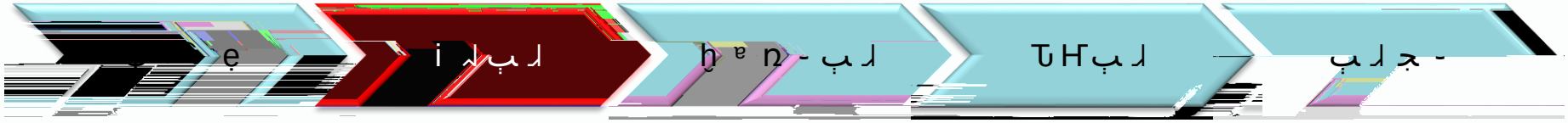


ب ر NAT44 ɪ ĩ χ ᵽ ` ɒ ɧ ª ɲ - ɓ q ɒ WEB ɲ - ɓ ɪ J̌ ″O ɒ NAT44 ب ر ɓ ‰ ᛘ ᵐ



地址池	外网接口	ACL列表	端口范围	地址池名称
	---(空)---			

″ Ὣ ˛ Æ Ẓ ŕ q ᵽ ɹ ɬ ᶎ

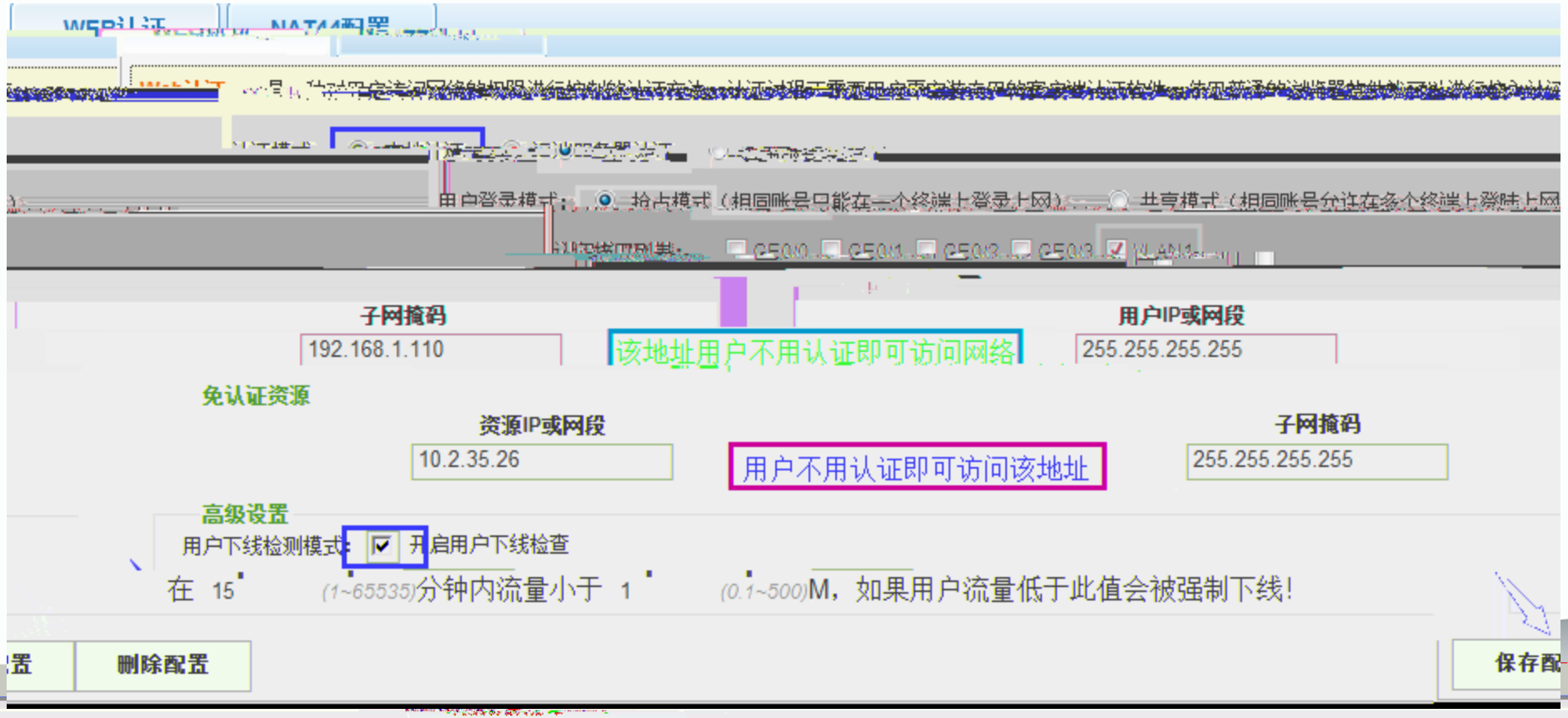


ᵹ χ ₅ ḧ ϴ ACL ᵽ ɹ NAT44 ɪ ĩ χ ᵖ ` ɒ ɻ ʎ Ḡ ɾ ɓ q ɒ ACL ꞵ ᵭ ˚ ˊ ɓ ɪ J̌ ″ O ɒ ACL ꞵ ᵭ ˚ ˊ ɓ ‰ ʌ ˜

[redacted]

″ Ὰ¸ Æ Ƶ ɾ q ᵽ ɹ ℓ ƾ

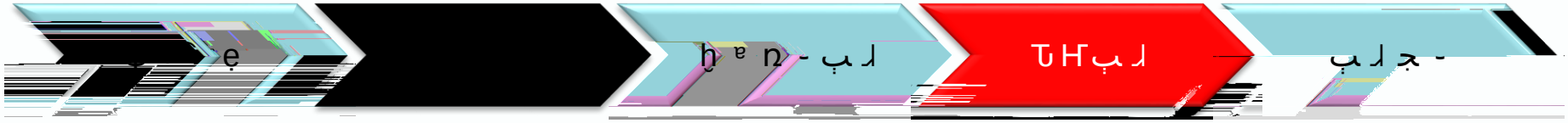
1 Ã ᵏ ɲ - χ ᵽ ` ɒ ɧ ᵉ ɲ - ɓ q ɒ WEB ɲ - ɓ ı J̌ ″ O ɒ WEB ɲ - ɓ ‰ Ⱳ



˝ Ὸ˛ Æ Ƶ ɾ q ᵽ ɹ ℓ ƻ

2 ᵽ ɹ n - ᴑ ᴺ χ ᵖ ` ɒ ɧ ᵉ n - ɓ q ɒ ɾ Ȁ ɻ ᒣ ᴛ ɓ ɒ ɾ Ȁ ᒣ ᴛ ɓ ı ▌ ɾ n - ᴑ ᴺ ȝ Ụ

″ Ω¸ Æ Ƶ ɾ q ᵽ ɹ ℓ ƨ



ᵖ ` ɒ ʍ ʌ ʌ ĭ ɓ q ɒ ŋ Ő ɿ ת ɓ ı ɒ RLOG ŋ Ő ɓ ‰ ʍ ı ᵽ ɹ ᵅ ᵖ ` ɒ Ʒ è ᵽ ɹ ɓ

NAT44 ŋ Ő Ʒ è ت Ể ı J̌ ″ O ą ᵽ Ф ᵵ ˙ ₌
—▯SD ɹ ǎ U`

˝ Ὺ ˛ Æ Ƶ ŕ q ٻ ل ł ح

ª ` ɒ ὈO n و ˛ ɒ q ɒ ڎ ں ھ ɒ ı ٻ ل ª ` ɒ Ʒ è ٻ ل ɒ

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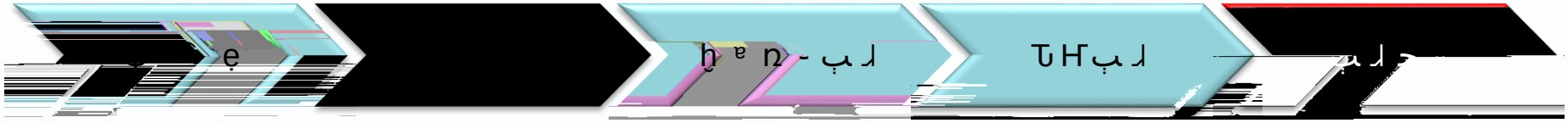
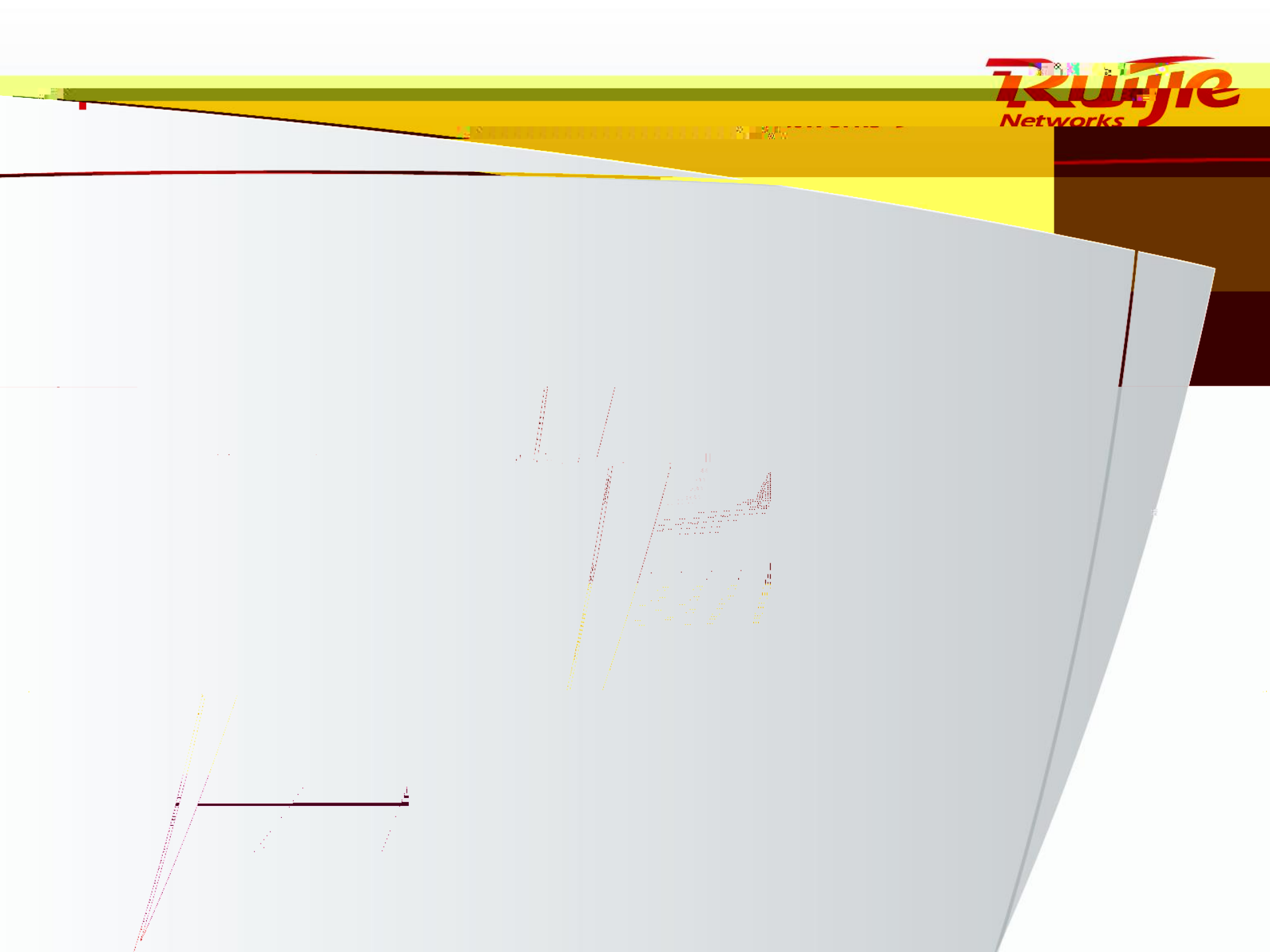


1 Ṅ ᴿ Ⱥ ɻ ث ف ì Ḣ ⅞ ı ɻ ϒ ì ϶ث ᵛ ʜ [OBJ]Slot1/0~Slot1/23 ì Æ ı ė ʊ ɸ ɻ ᾶ₅ ʊ n ㅠ lP ş ϰ ψ
2 ἕ Ầ ⊨ ɳ ʜ ı Ⱡ ڈ Ⱥ ˡ ɾ [OBJ]ɻ 1 ε ɻ 1 ˡ Ɑ ĩ ³ ᵊ ᾶ lP ı ħ Ỉ ɻ 1 ĩ ˡ Ɑ ɋ* Ẃ Ⱡ ڈ ζ ψ
3 ᾶ ˛ WEB ɲ - ˜ ˭ ı ڑ ϶ ɾ T̈ A ᵊ ⊐ Ḻ ı ᴾ ` ɒ ` ę ɓ ψ
4 ` ę ă ı ᵅ ı ˡ ƍ ɸ ᵵ [OBJ]ɒ ƫ ᵊ ɲ - ɓ ɋ ɒ ɾ T̈ ɻ ϒ ɲ ɓ ɋ ɒ ƍ ɻ ɾ T̈ ɓ ʌ¶ ˜



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