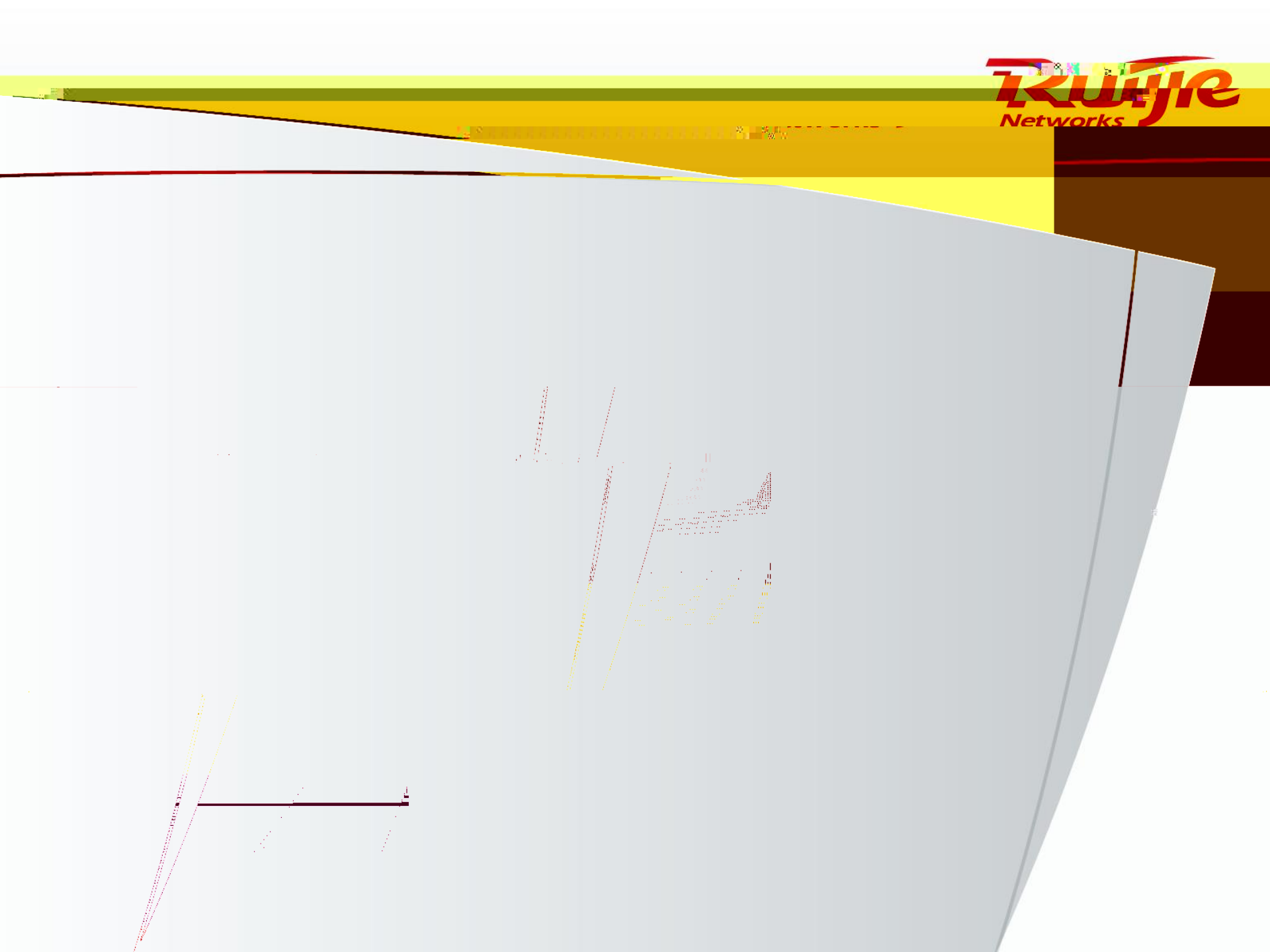
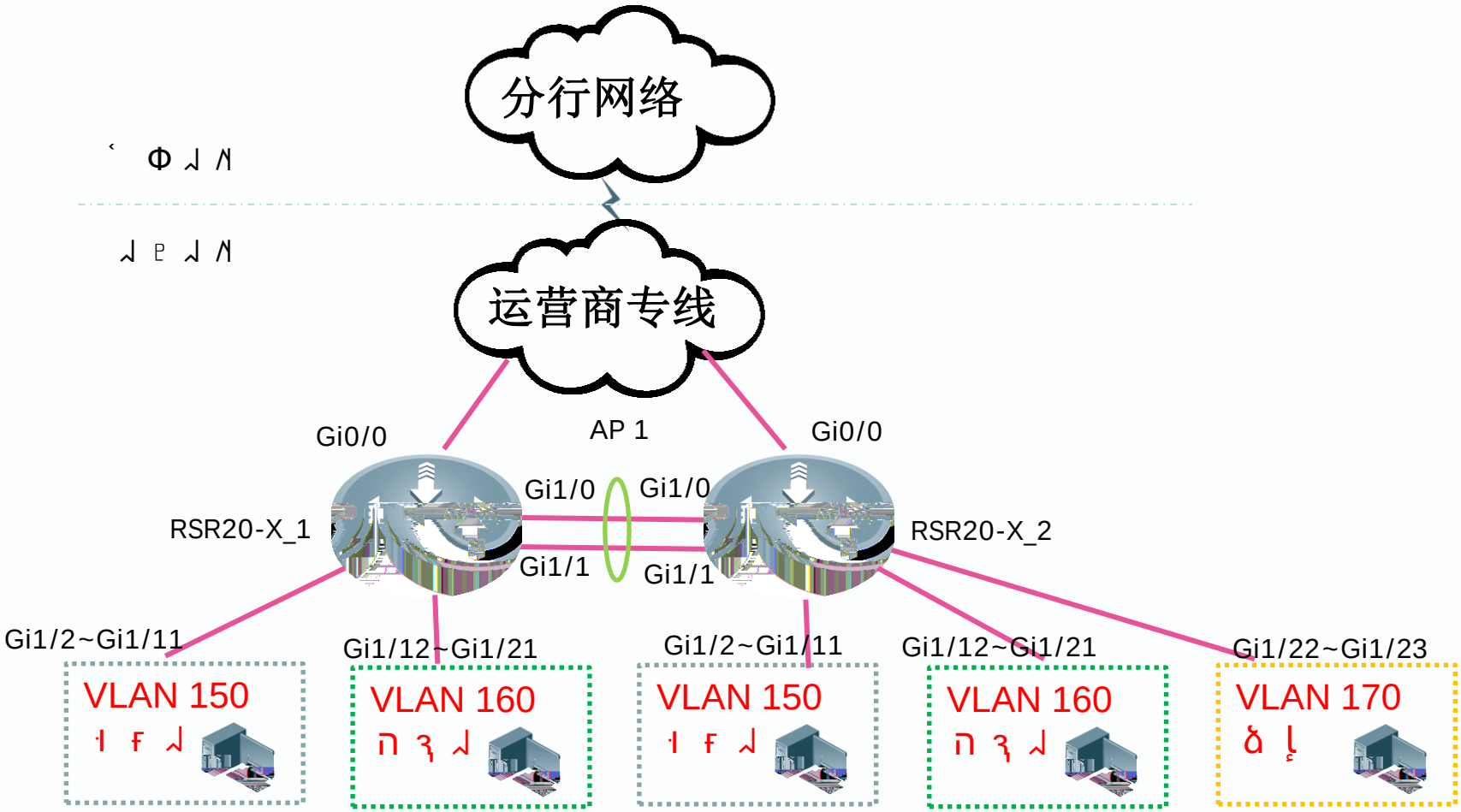


# ¥ ㇵ ㄾ ~ ㄖ ㅾ Φ ㇵ ㄾ ˜ Φ ㇵ ㄾ Ă ㎘ ㅅ ㅜ ì ᖷ

ↄ Ḍ ѿ è ㄐ ɣő

# ⠀ ⠀ ⠀

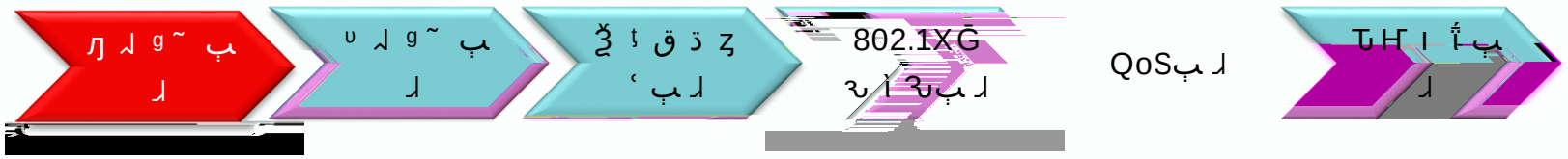

分行网络
运营商专线
Gi0/0
AP 1
Gi0/0
Gi1/0
Gi1/0
RSR20-X_1
RSR20-X_2
Gi1/1
Gi1/1
Gi1/2~Gi1/11
Gi1/12~Gi1/21
Gi1/2~Gi1/11
Gi1/12~Gi1/21
Gi1/22~Gi1/23
VLAN 150
VLAN 160
VLAN 150
VLAN 160
VLAN 170

## ⸗ ⸗ ⸗ ~ ⸗ ⸗ ~ ⸗ ⸗ ⸗ ⸗ ⸗ ⸗--⸗ ⸗ ⸗ ⸗ ⸗

(⸗RSR20-X-28⸗⸗)

- ⸗ ⸗ RSR20-X-28⸗⸗ ⸗ ⸗ ⸗ ⸗ 

# ﻩ ﻝ ﺒ ﻤ ﺗ ﺇ ﺡ ﻕ ﺑ ﻝ ﻟ ﺣ

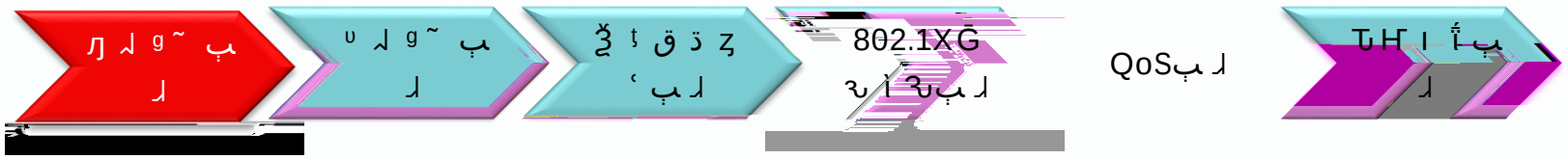



Ruijie#configure terminal
Ruijie(config)#hostname RSR20-X_1 →ﻫ ﺗ ﻳ ﺍ ﺑ ﻫ RSR20-X_1 ﺏ
RSR20-X_1(config)#vlan 150 →ﺍ ﺃ ﻓ vlan 150
RSR20-X_1(config-vlan)#name PRD →VLAN ﺑ ﺈ ﻫ ﺏ PRD ﺏ
RSR20-X_1(config-vlan)#interface vlan 150 →vlan150 s Ṗ ì Æ
RSR20-X_1(config-if-VLAN 150)#ip address 192.168.150.1 255.255.255.0 →vlan 150 ì Æ ş ẋ

RSR20-X_1(config-vlan)#vlan 160 →ﺍ ﻥ ﻍ vlan 160
RSR20-X_1 (config-vlan)# name OA →VLAN ﺑ ﺈ ﻫ ﺏ OA ﺏ
RSR20-X_1 (config-vlan)#interface vlan 160 →vlan160 s Ṗ ì Æ
RSR20-X_1(config-if-VLAN 160)#ip address 192.168.160.1 255.255.255.0 →vlan 160 ì Æ ş ẋ

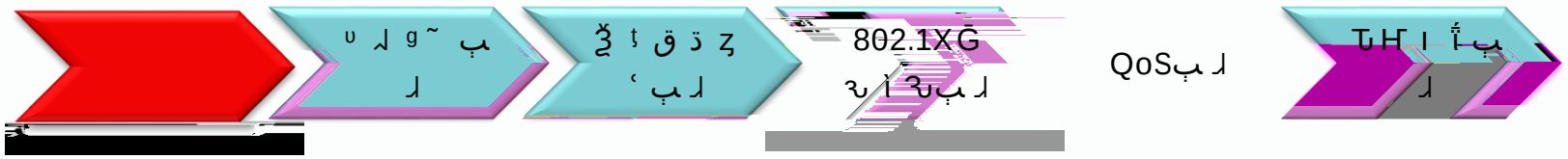
RSR20-X_1 (config-vlan)# vlan 170 →ﺍ ﺫ ﻉ vlan 170
RSR20-X_1 (config-vlan)# name Mon →VLAN ﺑ ﺈ ﻫ ﺏ Mon ﺏ
RSR20-X_1 (config-vlan

# ﻩ ﻝ ﺒ ﻥ ﺍ ﺡﻭ q ﺏ ﻝ ﻝ ﺡ




Ruijie#configure terminal
Ruijie(config)#hostnameRSR20-X_2 →ﻑ ﻍ ﻱ ﻭ ﺒ ﻫ ﺏ RSR20-X_1 ﺏ
RSR20-X_2(config)#vlan 150 →ﺓ ﺎ ﻟ ﻑ vlan 150
RSR20-X_2(config-vlan)#name PRD →VLAN ﺒ È ﻫ 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 ﺒ ﻤ ﺘ ﺍ ﺡq ﺏ ﻝ ﻟ ﺡ

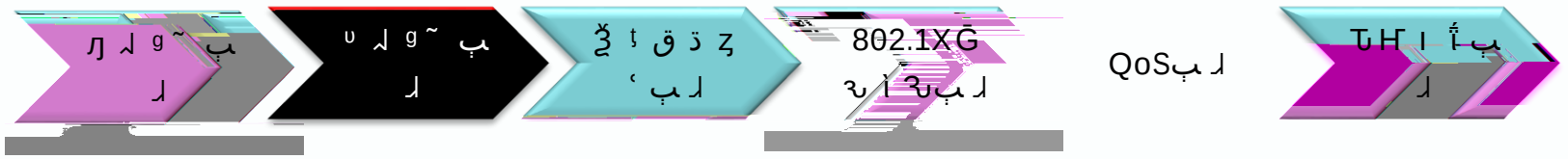



RSR20-X_1(config)#interface AggregatePort 1 →¸ á ǐ ᵀ ì Æ
RSR20-X_1(config-if-AggregatePort 1)#switchport mode trunk →Ṅ ì Æ ₩ Ã ủ ㎞ trunk
RSR20-X_1(config-if-AggregatePort 1)#switchport trunk allowed vlan remove 1-149,151-159,161-
4094 → ᴱ ы ᵽ vlan 150 ı 160 Ω ن ص أ ì Æ
RSR20-X_1(config-if-range)#exit

RSR20-X_1(config)#interface range GigabitEthernet 1/0 -1 →ف ﺡ GigabitEthernet 1/0ᵬ 1/1
RSR20-X_1(config-if-range)#switchport mode trunk →Ṅ ì Æ ₩ Ã ủ ㎞ trunk
RSR20-X_1(config-if-range)# port-group 1 →Ṅ ì Æ ɪ ﺡ AggregatePort 1
RSR20-X_1(config-if-range)#exit

RSR20-X_2ﺏ ﻝ ᵘ ᵬ ᵃ i

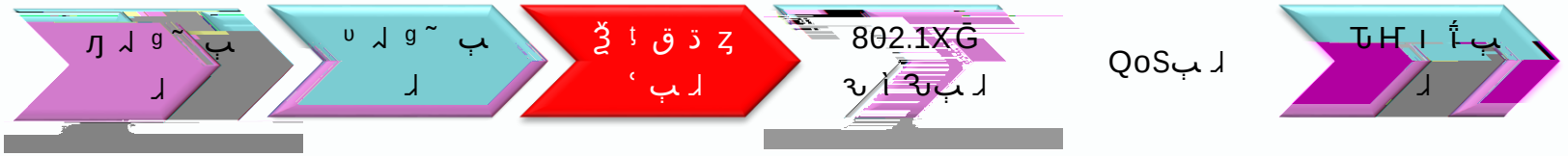
# RSR20-X-28 Ă ʁ ₔ ⅄ ᴾ ʌ ᵀ ì ϶



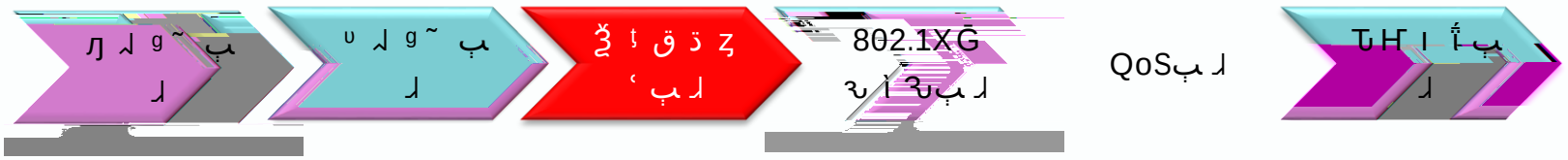

RSR20-X_1(config)#interface GigabitEthernet 0/0 →ڤ϶ ᵘ ⅄ ɻ ف ì ⓄⒿ ì Æ
RSR20-X_1(config-if- GigabitEthernet 0/0)#ip address 62.12.3.12 255.255.255.240→ب⅄ IP
RSR20-X_1(config-if- GigabitEthernet 0/0)#dldp 62.12.3.11 interval 200 retry 3
→ب⅄ DLDP ₹ ɻ ت ₅ ⅄ χ ژ ڭ2 ٧ ping 62.12.3.11 ₭ ı ḅ ' 3₭ڤu ₅ ⅄ ¸ م ı ì Æ Ṅ h q down
↑ õ ì Æ down ɑ ı ֆ ᵗ ʌ ʌ ژ ڭ2 ٧ ping 62.12.3.11 ₭ ı ḅ ' 3₭ڤu ₅ ⅄ ă ı ı ì Æ Õ ᵸ 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 ᵗ ʌ ʌ ژ ڭ2

# ﻲﻠﺤﻟا ﻞﻴﻐﺸﺘﻟا ﻂﻴﺤﻣ



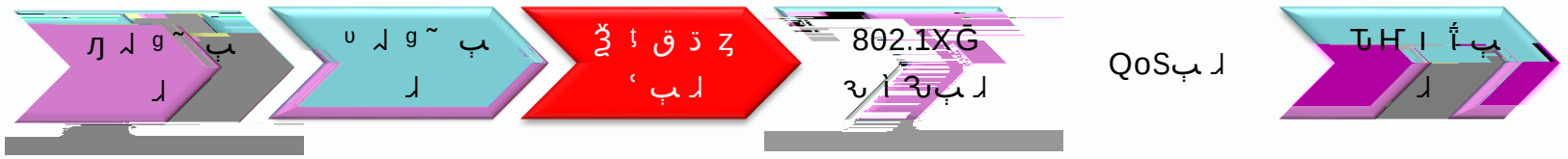
# ﻱ ﻝ ﺒ ﻥ T ﺇ ﺡ q ﺏ ﻝ ﻝ ﺡ




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 ﺇ Ẹ VRRP ﺟ ﺵ ﻉ ₅ ₩ ، ﻡ ﻍ ﻚ ﻝ ﻥ ﻩ20 ᵅ ﺇ ﺃ ﺇ ﺃ o ﺍ 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

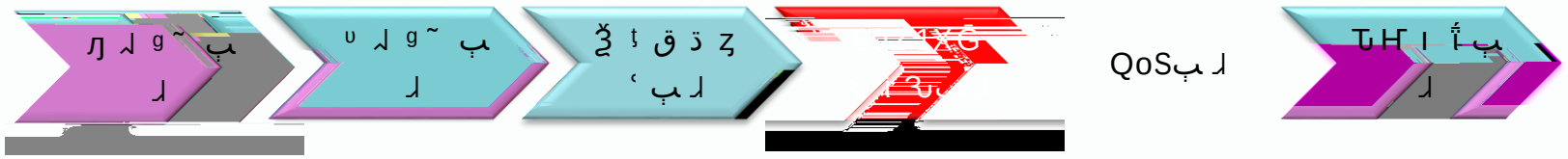
# ﻱ ﻝ ﺒ ﻤ ﺗ ﺇ ﺢﻭq ﺐﻝ ﻝ ﺡ




RSR20-X_2(config)#route-map con permit 10 → ﺁ ﺍ ﻩ ﷺcon ﺙ ﺩ ﺍ ﻩ OSPFﺐ ﻝ ﻱ ﺵ ﺐ
RSR20-X_2(config-route-map)#match interface VLAN 150 → ﺵ ﺐinterface vlan 150 ﺇ ﺃ ﺍ ﻭ ﺍ ﻑ ﻝ

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 ﺃgi0/0 ﺢospf ﺕ ³ 6
RSR20-X_2 (config-router)# network 192.168.160.0 0.0.0.255 area 6 → Ṅ ﺓ ﻍ ﻝ ﷺ ﺵ ﻉ ﻫ ﺢOSPF
RSR20-X_2 (config-router)# network 192.168.170.0 0.0.0.255 area 6 → Ṅ ﺍ ﻉ ﻱ ﺓ ﷺ ﺵ ﻉ ﻫ ﺢ
OSPF
RSR20-X_2 (config-router)#passive-interface VLAN 150 → Ṅinterface vlan 150ﻑ ﻝ ﷺ ـ ﺱ ﻙ ﺃ
RSR20-X_2 (config-router)#passive-interface VLAN 160 → Ṅinterface vlan 160ﻑ ﻝ ﷺ ـ ﺱ ﻙ ﺃ
RSR20-X_2 (config-router)#passive-interface VLAN 170 → Ṅinterface vlan 170ﻑ ﻝ ﷺ ـ ﺱ ﻙ ﺃ
RSR20-X_2 (config-router)#area 6 nssa → Ṅ ﺕ ³ 6ﻑ ﻝ ﷺnssa ﺕ ³
RSR20-X_2 (config-router)#redistribute connected route-map con subnets → Ṅ ﺍ ﻑ ﻝ (vlan 150)ﷺ
ﺵ ﻉ ﻱ ﺏ ﻝ ﻱ ﻕOSPF ﺍ ﻓ ṄÆOSPF ﻉ ﺏ ﻁRSR20-X_2 ﻉ ﷺ ﺓ ﻍ ﻝ ﺙ ﺩ ﷺ ﻙ ﻛ ﻙ ﻉ ﻁRSR20-X_1 ﻁ ﻉ
ﻝ ﻑ ﻙ ﻝ ﻡ ﻉ ﻡ ﺓ ﻍ ﻝ ﻝ ﷺ"Ω˜Ω ﻁRSR20-X_1ﻑ ﺫ ﻕ ﺢ Ẋ ﺯ ﺓ ﻍ ﻝ
RSR20-X_2 (config-router)#exit

## ٭ ﻝ ᵖ ᴻ ᵀ ì ϶ q ﺑ ﻝ ℓ ح




RSR20-X_1(config)#aaa new-model →Â ᵏ AAA ı ĩ
RSR20-X_1(config)#aaa group server radius 8021x →¸ á ᵉ ʁ8021x radius`O n ʰ ﻝ
RSR20-X_1(config-gs-radius)#server 10.1.1.1 →▌ ɪ ʭ 802.1x ɲ - radius`O n 10.1.1.1
RSR20-X_1(config-gs-radius)#server 10.1.1.2 →▌ ɪ ʭ 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 radiusḾ ì key ı ʁhzsd
RSR20-X_1(config)#radius-server host 10.1.1.2 key hzsd →ﺑ ﻝ radiusḾ ì key ı ʁhzsd
RSR20-X_1(config)#aaa authentication dot1x default group 8021x none →ﺑ ﻝ 802.1x ɲ - ˚ ´
ı ᵉ ʁdefault ı ɲ - radius`O n ʰ ĩ ᵉ ʁ8021x radius ﻝ ı ḅ ' radius ﻝ ﺍ `O n ʰ ɰu j ˡ ز ı ɷ ψ ɪ ˅
Ṅ ϶ մ ڜ ı ε none ζ
RSR20-X_1(config)# dot1x authentication default →˝Y ḧ 802.1xÆ ɪ default ɲ - ˚ ´ ق Φ ɲ -
RSR20-X_1(config)#aaa authentication login default local →ʁvty` ẹ ﺑ ﻝ ʁ ş ɲ - (local) ε Â
ᵏ AAA ᵅ ı vty ɲ - Ά | ĩ radius ı ḅ ' radius i ≡ ɷ ʁtelnet ssh ϟ ɪ ¨Äﺑ ﻝ ` ẹ ن ᴺ ı ɷ Ṅ ḭ | `
ɸ ᵻ ζ
RSR20-X_1(config)#username ruijie password admin →ﺑ ﻝ ʭ telnet ssh` ẹ ɪ ¨A ᵉ Ḻ χ ɪ ˅
ᵉ ʁruijie ı Ḻ ʁadmin

RSR20-X_2ﺑ ﻝ ᵘ ɲ ᵃ i

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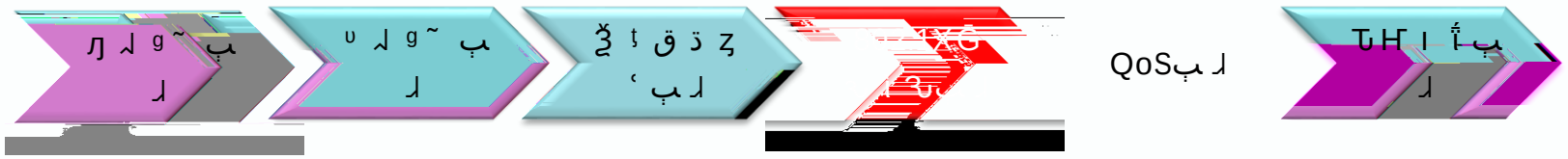
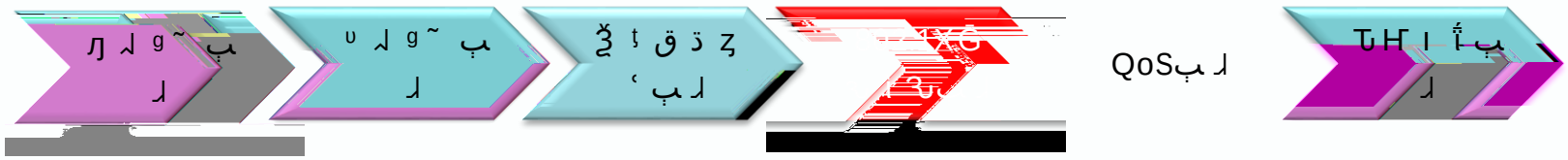



RSR20-X_1(config)#interface range gigabitEthernet 1/2 -21 →ڤ϶ugigabitEthernet 1/2 ~1/21
ì Æپ ل
RSR20-X_1(config-if-range)#dot1x port-control auto → Â ᵏ 802.1x ɲ -

RSR20-X_2(config)#interface range gigabitEthernet 1/2 -23 →ڤ϶ugigabitEthernet 1/2 ~1/23
ì Æپ ل
RSR20-X_2(config-if-range)#dot1x port-control auto → Â ᵏ 802.1x ɲ -

RSR20-X_2پ ل ᵘ ɲ ᵃ ¡

# 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 ﺵ ﺷ
0001.1111.1111 ﻝ ﻡ j ﺩ ﻝ ﻕ Φ802.1X ﻥ - o ﺍ ﺇ ﺡ ﻝ ﻡ
RSR20-X_1(config)#security dest-ip free-ip 10.1.1.100 → ﻝ ﻝ ﻝ ﻡ j ﺩ ﻝ 1X ﻥ - o ﺍ ﻟ ﺟ
10.1.1.100

RSR20-X_1(config)#security global → Ã ᵏ Ḡ ﺡ ﻥ ﺟ ﺍ ﺃ ε ﺇ ᵘ ﻢ ﺏ ' ≡ ﻭ ﺑ ﻝ ﺍ ﻕ i ﺏ ﻣ ᵘ ﻢ ,
j ﺍ ﯙ ζ

RSR20-X_2 ﻑ ᵗ ﺑ ﻝ ᵘ ﻢ RSR20-X_1 ﺍ ﻝ

RSR20-X_2 ﺑ ﻝ ᵘ ﻢ ᵃ i

RSR20-X_1(config)#access

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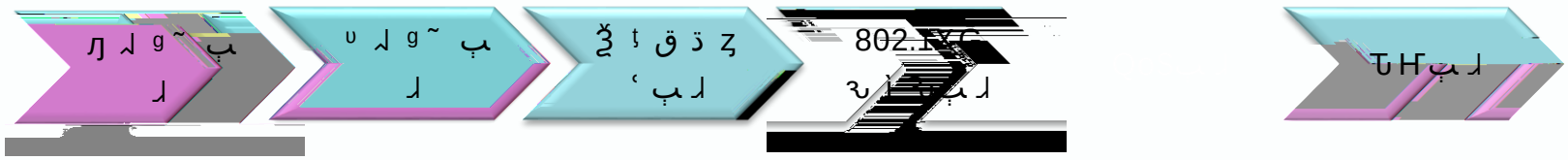


```
RSR20-X_2(config)#access-list 150 permit ip 192.168.150.0 255.255.255.0 any
RSR20-X_2(config)#access-list 160 permit ip 192.168.160.0 255.255.255.0 any
RSR20-X_1(config)#access-list 170 permit ip 192.168.170.0 255.255.255.0 any
RSR20-X_2(config)#class-map match-all PRD
RSR20-X_2(config-cmap)#match 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
```

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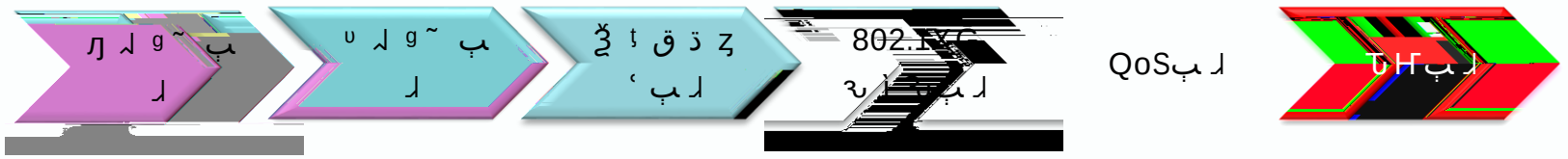



RSR20-X_1(config)#spanning-tree →Ã ᵏ ı ά ‴ ı س ת ⅿMSTP
RSR20-X_1(config)#interface range gigabitEthernet 1/2 -21 →ڤ϶gigabitEthernet 1/2 ~1/21 ì ﺑ ﻝ
RSR20-X_1(config-if-range)#spanning-tree portfast →ì ﻡ ﻙ ε ת ϶ ı ғ ⊃ ð ļ ζ ì Æ ﺑ ﻝ ⅿ portfast₩Ã

RSR20-X_1(config)#snmp-server community abcsh05 ro →ﺑ ﻝ SNMP ﻙ ת ᵽ ч È ⅿabcsh05

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

ب ″ χ RSR20-X_2ﺑ ﻝ ᵘ ᵬ ᵃ i

# ⁜ ⅄ ₱ ~ ⅄ ⅁ Φ ⅄ ₱ ⁼ Φ ⅄ ₱ Ă ⅏ ⅄ ⊤ ⅈ ↻

## ⁜ ⅄ ₱ ⅄ ⊤ ⅈ ↻

## ⁼ Φ ⅄ ₱ ⅈ ↻ ~ ⅄ ⅁ Φ ⅈ ↻

ↄ Ḍ ѽ ∩ ᵘ ⅄ ḭ ᴗ ¨E ī Ẓ ↾

Ⱪ ў ‘ ˜Ḥ ⚌ ʖ ⅄ ⅈ ↻ Ẓ ↾

˝ ’Ω ˢ Æ Ẓ ↾ ( ᴋ گ ↾ RSR20-X)

# ⁄ ⁄ ⁄

# ⠿ ⅄ ᴾ ~ Ⲡ ᵹ Φ ⅄ ᴾ ~ Φ ⅄ ᴾ Ă ⱡ ⅄ ᵀ ì ϶-- Φ ⅄ ᴾ ì ϶ ~ Ⲡ ᵹ Φ ì ϶

: ~ Ⲡ ᵹ Φ ⊐ Φ ⅄ ᴾ OBJ ʒ̆ ļ OBJ ў ո ĩ ո ϗ ў ո ı ў ո OBJ Ḡ ϶ ό ļ ∂ ϫ ı Ꞇ
Ꮋ Ⲡ ⅄ ᴾ ı ĩ ɒ ج ث ì ϶
· Ḡ ϶ ì ϶ ˈ dot1x ì ϶ ʒ - ı ≡ ѽ ռ - ن ص OBJ į ˝A ㄴ j ĭ ì ϶ ⅄ ᛘ
› Qos ʒ - ϫ Ⱬ Ⲭ ㄱ OBJ ў ո ı ѽ ȡ ļ ˇ ί OBJ ˋH ö ọ Ǉ
‹ ⅄ ᛘ ⅄ ⎯ Ⱶ ɒ ı Æ ɾ ‗ Õ ث ˈ

: ˜ ˂ vlan ı Ⲡ ˂ ı ɾ ⊐ ȡ ļ ў ո
· ب ⅄ AAA ⊐ Dot1x ռ - ı ĭ
› ب ⅄ ث ˈ ı ĭ
‹ ب ⅄ QOS ≡ ѽ ȡ ļ ˇ ί ı j ɾ ب ⅄

# ˜ Φ ɹ ᴇ ì ϶ ˜ ת ƕ 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 ⅄ ᴾ ı ϶ ˜ ת ǯ Φ ı ϶ q ڀ ⅄ ℓ ح

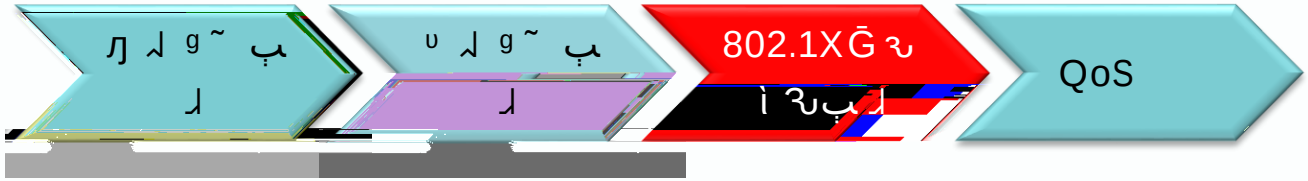
RSR20-X (config)#interface GigabitEthernet 0/0 →ڤ϶ ᵘ ⅄ ۱ ف ı ▯ı Æ
RSR20-X (config-if- GigabitEthernet 0/0)#ip address 62.12.3.12 255.255.255.240→ڀ⅄ IP
RSR20-X(config-if- GigabitEthernet 0/0 )#exit

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 ı Ægi0/0̋ ϶ospfת ³ 6
RSR20-X (config-router)# network 192.168.150.0 0.0.0.255 area 6 →Ṅ ת ϛ ⅄▯ş χ ⅇ̃ ϶OSPF
RSR20-X (config-router)# network 192.168.160.0 0.0.0.255 area 6 →Ṅ ð ı̨▯ş χ ⅇ̃ ϶OSPF
RSR20-X (config-router)#passive-interface VLAN 150 →Ṅinterface vlan 150ϕ ⅄ ⱡ ـً س ۷ Æ
R̄SR20-X (config-router)#passive-interface VLAN 160 →Ṅinterface vlan 160ϕ ⅄ ⱡ ـً س ۷ Æ

## ˜ Φ ⊿ ᵽ ì ϶ ˜ ת ǧ Φ

RSR20-X(config)#aaa ne odel →Â ı ĩ
RSR20-X(config)#aaa gr server radius 1x →¸ á ᵊ 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 ᴑ 1
RSR20-X(config-gs-radius)#exit
RSR20-X(config)#radius-server host 10.1.1.1 key hzsd →ٻ ⊿ radiusḾ ì key ı ʁhzsd
RSR20-X(config)#radius-server host 10.1.1.2 key hzsd →ٻ ⊿ radiusḾ ì key ı ʁhzsd
RSR20-X(config)#aaa authentication dot1x default group 8021x none →ٻ ⊿ 802.1x ɲ -˚ ˊ
ı ᵊ ʁdefault ı ɲ - radius`O ᴑ ʰ ĩ ᵊ ʁ8021x radius ⊿ ı ḅ ' radius ⊿ ʌ O ᴑ ʰ ᷈u j ˡ ʐ ı ɷ ψ
ɾ ¨A Ṅ ϶ ᵯ ჭ ı ε none ζ
RSR20-X(config)# dot1x authentication default →˝Y ḧ 802.1xÆ ɾ default ɲ -˚ ˊ ڤ Φ ɲ -
RSR20--

# ب ل ℓ ح

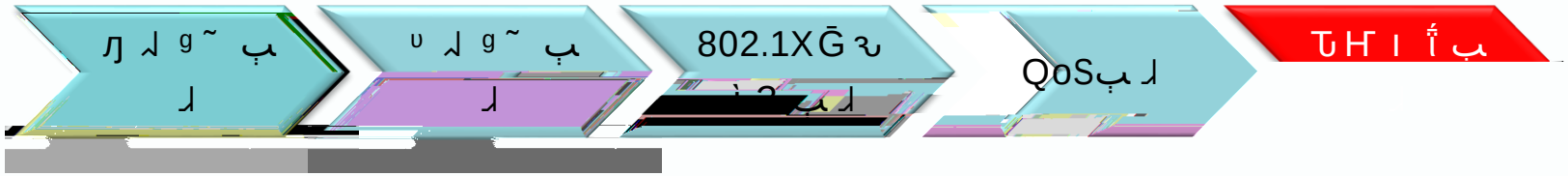



RSR20-X(config)#interface range gigabitEthernet 1/0 -23 →ڤؿgigabitEthernet 1/0 ~1/23 ا
Æ ب ل
RSR20-X(config-if-range)#dot1x port-control auto → Â ᵏ 802.1x ɲ -
RSR20-X(config-if-range)#dot1x mac-auth-bypass multi-user →  ᴵ ǰ  Â ᵏ MAB ı Æ ŧ mac Ă
ʜ ŧ ¨A ᵉ ⊃ Ę

# ˜ 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 ɻ ᴾ ì ϶ ˜ ת ƀ Φ ì ϶ q ٹ ɻ ℓ ح




RSR20-X(config)#spanning-tree →Ầ ᵏ ı ά ‴ ı ɯ ɲ ʁ MSTP
RSR20-X(config)#interface range gigabitEthernet 1/0 -23 →ڤ϶gigabitEthernet 1/0 ~1/23 ì Æ ٹ ɻ
RSR20-X(config-if-range)#spanning-tree portfast →ì ɻ ϒ ε ת ϧ ı ғ ⊐ ά ļ ζ ì Æ ٹ ɻ ʁ portfast₩Ã

RSR20-X(config)#snmp-server community abcsh05 ro →ٹ ɻ SNMP ϒ ת þ ч È ʁ abcsh05

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

# ⸗ ⸘ ℘ ˜ ⸢ ⸣ Φ ⸘ ℘ ˜ Φ ⸘ ℘ Ă ⸦ ⸘ ᵀ ⸜ ⸮

ↄ Ḍ ᾠ ⸢ ᵘ ⸘ ⸝ ⸡ ᶇ Ē ḭ Ẓ ⸎

Ⱪ ў ‘ ˜Ḥ ⸗ ⸡ ⸌ ⸜ ⸮ Ẓ ⸎

˝ ’Ω ¸ Æ Ẓ ⸎ ( ⸋ گ ⸎ RSR20-X)

## ɔ Ḍ ѽ ∩ ᵕ ⊿ ᵑ ᔓ ̈E ī Ẓ ɤ --

Rulle

QE/P Ec[--)]TETO 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 ѫCEϕ ᵗ q ٮ ɻ ℓ ᄃ

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

## ĂѫCEϕ 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

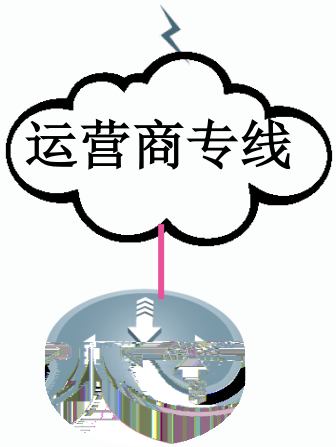
Ruijie(config)#ip dhcp pool vlan150 → ấ DHCP ş χ − ı ᵊ ѭvlan150 ε ᵊ Ч ᵎ ₅ ḧ Θ ζ
Ruijie(dhcp-config)#network 192.168.150.0 255.255.255.0
→ ş χ − ï ∧ ş χ ḫ ḫ ѭ

# ɔ Ḍ ѽ ᴨ ᵕ ㇒ ᵑ ᔓ E ī Ẓ ɾ --Ă ㎘MCEɸ ᵵ

: RSR10-X/20-X㎘MCEɸ ᵵ ı љѽ ᴨ ㇒ / Ọ ㇒ ㅅOBJPEɸ ᵵ ψ
˙ RSR10-X/20-X ᵻ ㇔ ت љPEЙ ǐ ı ь ᴶ ɸ ᵵ Й ǐ ì Æ ˋ Ḍ ì Æ ḫ א ^ ㅅVRF ᷉Ω᷉Ω ҽ җ ψ
, RSR10-X/20-X㎘ ɲ ㇒ ɾ Ä ώ ě ㄱ Æ ì Ꝺ ψ
‹ RSR10-X/20-XÆ ɾ ⁼ ỗ ت ˈ /ت ˈ в ɲ Ḿ ɲ ᷉Ω᷉Ω ق Φ ҷ ∧

: ᵾ ㇒ vlan ⊐ vlan ㇒ ʜ ş ϰ ψ
˙ ᵾ ㇒ Ḍ ì Æ љ i ǐ PEɸ ᵵ Ḿ ì OBJ ì Æ ψ
, ᵾ ㇒ VRF ψ
‹ ᵾ ㇒ ⁼ ỗ ت ˈ ᷉Y ᵇ PEɸ ᵵ

# ɔ Ḍ ѽ ก ᵕ ㇵ ᵑ ᴗ ̈E ī Ẓ ɤ -- Ă ㎚MCEᵮ ᵵ




部门

## Ă ѭ MCE ₱ ᵗ q ڀ ڔ ℓ ڃ

Ruijie#configure terminal
Ruijie#(config)#ip vrf 1 →¨ ấ VRF ı ᵉ Ч ѭ ɒ 1 ɓ (vrf ᵉ Ч ˡ₅ ḧ Ɵ ı ʂ ῶ ᷒ ζ
Ruijie(config-vrf)#description BM1 →ڀ ڔ vrf ⃞ώ ڭ ȝ Ụ
Ruijie(config-vrf)#exit

Ruijie#(config)#ip vrf 2 →¨ ấ VRF ı ᵉ Ч ѭ ɒ 2 ɓ (vrf ᵉ Ч ˡ₅ ḧ Ɵ ı ʂ ῶ ᷒ ζ
Ruijie(config-vrf

## Ă ѫ MCE ֆ ᵗ q ټ ɹ ℓ ح

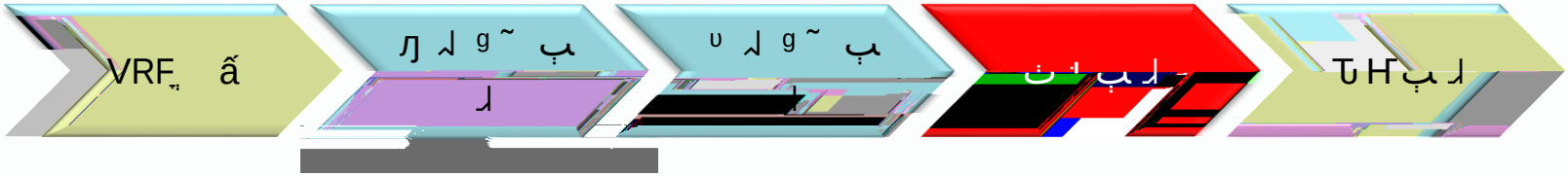
Ruijie#(config)#vlan

# ĂѫMCEϕ ᵗ q ڀ ل ℓ ح

```
Ruijie#(config)#interface GigabitEthernet 0/0.150 →¨ áD ì Æ ì Æ ᒧ N ᵎ₅ ẗ Θ ı лъvlan id ƞ ѡ
Ruijie(config-if-GigabitEthernet 0/0.150)#encapsulation dot1Q 150 →Ṃ Ŀ vlan 150 ı ѫմh ɔ 1ώ ĕ
ώ ĕ Ѽ Ѽ ѳ ڑ ì Æ Ĺ vlan id ɩ ⁼ մh ɔ 1 vlan ₇ ı ª ˋH ɩ ∂ PE ᵑ Ĉ ɩ Ṃ Ŀ ª vlan id
Ruijie(config-if-GigabitEthernet 0/0.150)#ip vrf forwarding 1 →Ṅ Ĺ ì Æ ҂ vrf 1 ѧ
Ruijie(config-if-GigabitEthernet 0/0.150)#ip address 10.10.150.1 255.255.255.0 vrf 10
                                          → Ĺ ì Æ ş χ ı Ă ѫлъPE Й ĭ ⌧ ş χ
Ruijie(config-if-GigabitEthernet 0/0.150)#exit

Ruijie#(config)#interface GigabitEthernet 0/0.160 →¨ áD ì Æ ì Æ ᒧ N ᵎ₅ ẗ Θ ı лъvlan id ƞ ѡ
Ruijie(config-if-GigabitEthernet 0/0.160)#encapsulation dot1Q 160 →Ṃ Ŀ vlan 160 ı ѫմh ɔ 2ώ ĕ
ώ ĕ Ѽ Ѽ ѳ ڑ ì Æ Ĺ vlan id ɩ ⁼ մh ɔ 2 vlan ₇ ı ª ˋH ɩ ∂ PE ᵑ Ĉ ɩ Ṃ Ŀ ª vlan id
Ruijie(config-if-GigabitEthernet 0/0.160)#ip vrf forwarding 2 →Ṅ Ĺ ì Æ ҂ vrf 2 ѧ
Ruijie(config-if
```

## Ă ѫ MCE ф ᵗ q ب ﻝ ℓ ح




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

→ب ﻝ VRF 1 ً ـ õ ت ا 10.10.150.1 ѫ PE ль MCE Й ǐ ş χ

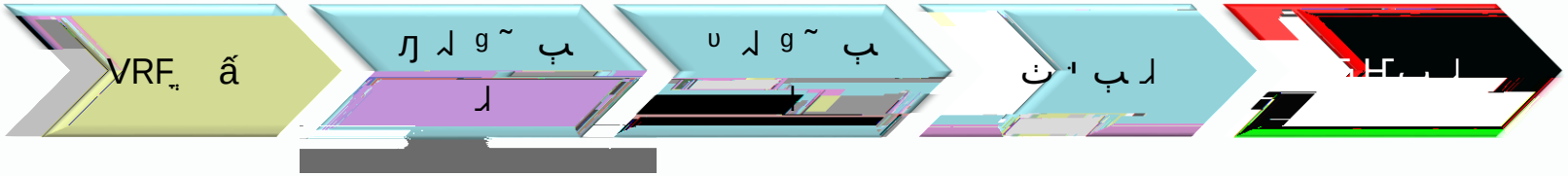
Ruijie#(config)#ip route vrf 2 10.10.2.0 255.255.255.0 10.10.160.1

→ب ﻝ VRF 2 ً ـ õ ت ا 10.10.160.1 ѫ PE ль MCE Й ǐ ş χ

Ruijie#(config)#end

Ruijie#write → 3 è ب ﻝ

# Ă ѭ MCE Ф ᵗ q ᵥ ɻ ℓ ᵹ

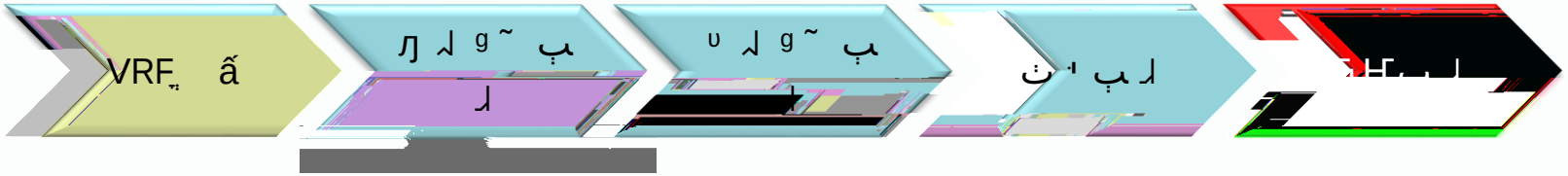



Ruijie(config)#ᵹpdhcp pool vlan150 → ą ấ DHCP Ş χ − ι ᵉ ѭ vlan150 ε ᵉ Ч ᵎ ₅ ḧ Θ ζ
Ruijie(dhcp-config)#network 192.168.150.0 255.255.255.0

→ Ş χ − ï ∧ Ş χ ą ѭ 192.168.150.0/24

Rdhjc(dhcp-config)#dns-server 10.10.10.10 → DNS 0.000010729 0 720 540 reW*n2W57/H5514404Tf

# ĂѪMCEɸ ᵵ ɋ ᵽ ɻ ℓ ᄃ




ʊ ɣ ᵘ ƀ ʑ ɪ ˡ v ǟ ƫ H ̛ æ ᵽ ɻ ǟ ƫ Ạ ᵑ

ʊ ɣ ᵘ ƀ ʑ ɪ ˡ v ǟ ƫ H ̛ æ ᵽ ɻ ǟ ƫ Ạ ᵑ

Ruijie(config)#end
Ruijie#write

# ⁜ ⊿ ₽ ~ Л ӟ Ф ⊿ ₽ ˜ Ф ⊿ ₽ Ă ѭ Ѧ ᵀ ì Ϡ

ɔ Ḏ ѿ ᴨ ᵘ ⊿ ӈ ᴗ ̈E ī Ẓ ɬ

X ў ‘ ˜Ḥ ⚌ ʐ ⊿ ì Ϡ Ẓ ɬ

˝ ’Ω ¸ Æ Ẓ ɬ ( ᴋ گ ɬ RSR20-X)

# Χ ў ‘ ‴ Ḥ ═ ̧ ɻ ì ☋

Χ

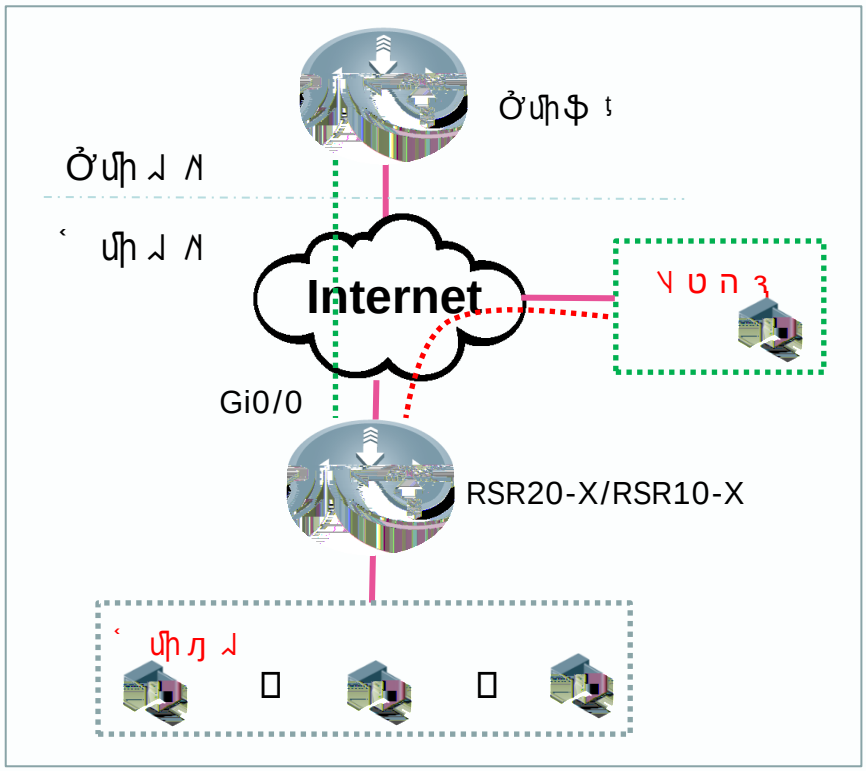
ќ ₹* ☋ ɻ ʌ ѧ Ọ ɰ ⅵ ̀Н Ђ Ķ Ç ҽ ɻ OBJ Ґ Й ⊐ Ṫ Ă ₩ Ã* ɒ ώ Ψ ı ∫ ɒ j ª ş Л ɥ ɻ OBJ Ķ Ç ˡ Ѡ Ꮒ Ъ Ѿ Ѿ ı ĺ ᶻ в ª Ṫ Ă ⅵ ψ Ễ ^ Χ ў ɒ j ª ş Л õ ‘ ‴ Ḥ ═

RSR20-X/RSR10-X ⅵ ° ت ˒ н ˡ Ѡ Ă ѫ ‘ ‴ Ḥ ═ ⊐ ¸ Æ ⊐ Χ ў Ở Ưh Й ĩ ı ѫ Ъ ώ ě п ʒ ע ㄴ

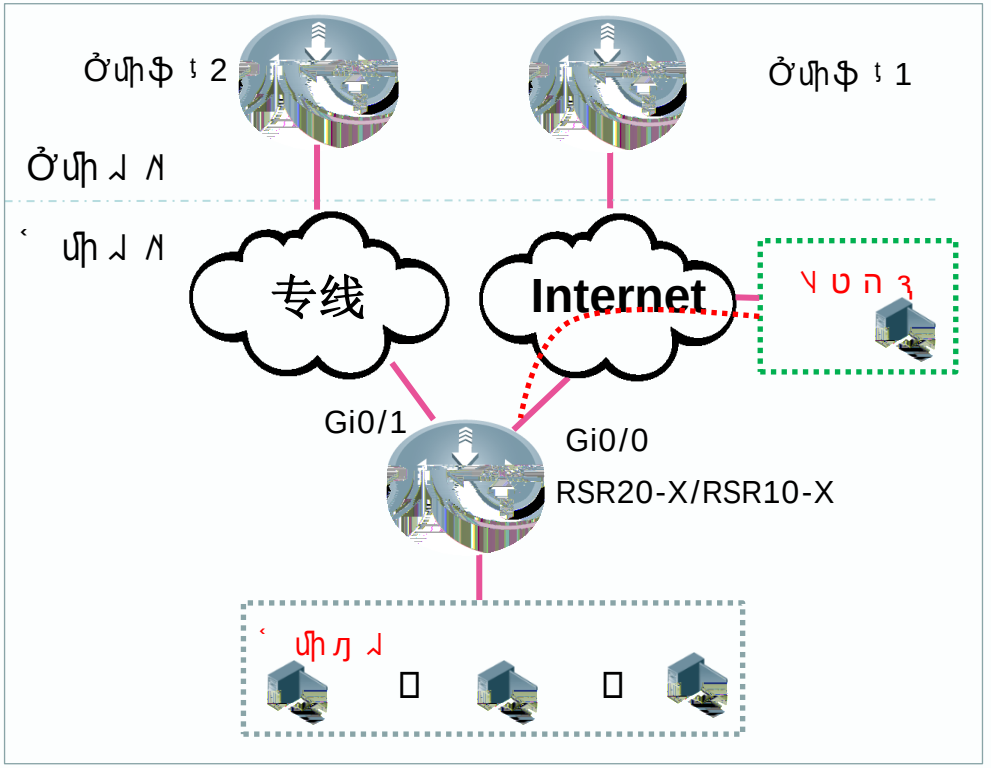
# Χ ў ‘ ˜Ḥ ⁼ ϳ ɻ ì Ɔ

: RSR20-X/10-Xϕ ŧ Ă ѫ ‘ ሀ ̨ Æ ϕ ŧ ı ì Ɔ ბ Ղ ђ ȝ 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

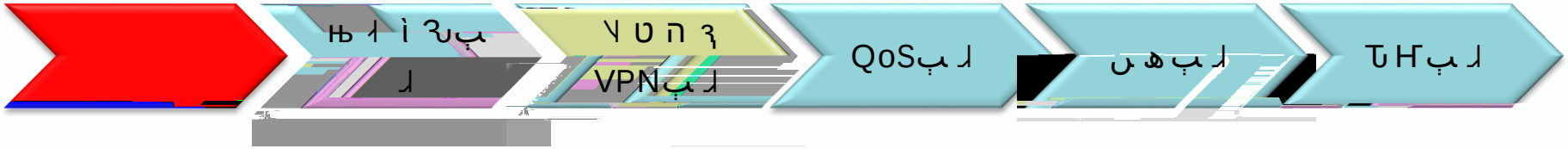
## Χ ў ‘ ˜Ḥ ‗ ز ر ا ٹ ق پ ل ℓ ح ε ﻩ ر ا ٹ ζ

Ruijie#configure terminal
Ruijie(config)#vlan 150 →¨ ấ ก ʒ vlan 150
Ruijie(config-vlan)#name OA →VLAN ᵉ 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 ‗ ز ر ا ؤ q ب ل ℓ ح ε ع ر ا ؤ ζ

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

# Χ ў ˋ ˜Ḥ ⎯ ʐ ɻ ı ϶ q ڀ ɻ ℓ ح ε ᵴ ɻ ı ϶ ζ



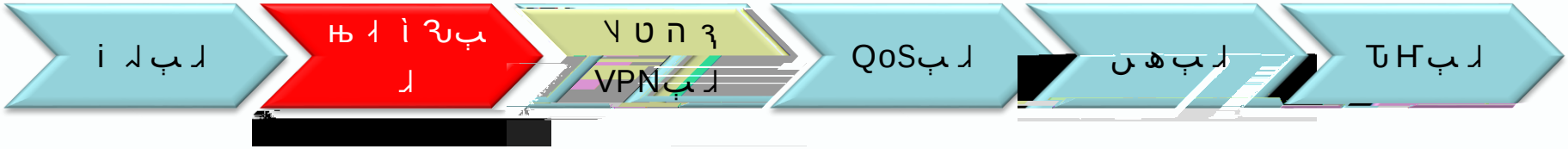

Ruijie(config)#interface gigabitEthernet 0/0 →ف϶ف ı Internet ɻ ت▯ ı Æ
Ruijie(config-if- gigabitEthernet 0/0 )#ip nat outside →‰ ˇ ₩NAT ט ɻ ı Æ
Ruijie(config-if- gigabitEthernet 0/0 )#interfacet vlan 150 →ف϶ח ʒ▯ɻ ʜ ı Æ
Ruijie(config-if- VLAN 150)#ip nat inside →‰ ˇ ₩NAT ɲ ɻ ı Æ
Ruijie(config-if- VLAN 150)#interface vlan 160 →ف϶ك ח▯ɻ ʜ ı Æ
Ruijie(config-if- VLAN 160)#ip nat inside →‰ ˇ ₩NAT ɲ ɻ ı Æ
Ruijie(config-if- VLAN 160)#exit

Ruijie(config)# ip access-list extended 110 →¨ á ¨E ī ACL ı ɻ N 110
Ruijie(config-ext-nacl)#10 permit ip 192.168.150.0 0.0.0.255 any →ש ڀ ח ʒ 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 ₩ 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 ı Æ `H ◊ ş χ ჯ ₩210.12.5.2
Ruijie(config-ipnat-pool)#exit

Ruijie(config)#ip nat inside source list 110 pool sdfc overload
→q ACL 110ש ڀ▯¨Ω˜Ω˜Y ª ₩sdfc▯nat – ¨EΦ ş χ ჯ ¨Ω ٧ ɤ

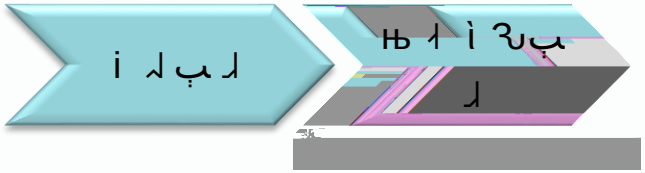
## Χ ў ῾Ḥ ⎯ ʒ ɻ ì ϶ q ᵽ ɻ ℓ ᄎ ε ᵴ ɻ ì ϶ ζ




Ruijie(config)#interface gigabitEthernet 0/1 →ف ϶ ق ì ɦ ɻ ì Æ
Ruijie(config-if- gigabitEthernet 0/1 )#ip address 10.1.1.2 255.255.255.252→ᵽ 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 ሀ ɻ ʌ ζ Ǫ ̃Ω ϰ gigabitEthernet 0/1 ì Æ ʌ ʌ Ở ሀ ᵩ ᵻ 2(10.1.1.1 ζ

ᵬ ″ Χ
ɒ ɻ ì ϶ ʏ ᴸ ʁ ı Ǐ ℓ ᄎ Ẓ ᵽ ɻ ɒ IPSEC OVER L2TP ɓ ð̃ ɒ L2TP ɓ ı ᵽ ɻ Ά | ⊐ ɲ ķ ᵻ v ð̆ ɧ Ạ ᵑ q Ɛ ʒ ᵽ ɻ q VPN ı ǐ̋ q ɒ IPSEC ɓ ɒ VPDN ɓ ⊐ ɒ IPSEC/L2TP/GRE š ̧ Æ ɾ ᵬ ″ ɓ ϒ ̀

# Χ ў ‘ ‴Ḥ ⎯ ʐ ɻ ì ϶ q ٹ ل ℓ ح ε ᴥ ɻ ì ϶ ζ



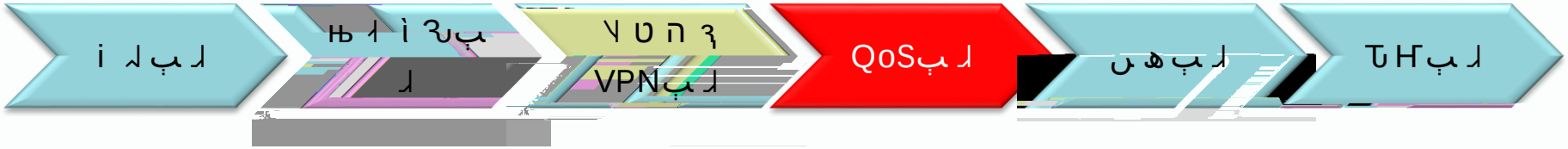

Ruijie(config)#vpdn enable →Â ᵏ VPDN ı ĩ
Ruijie(config)# ip local pool p1 10.10.0.2 10.10.0.100 →ٹ ل L2TP🆓 į ‴A ٤ ş χ –
Ruijie(config)#username test password test →L2TP į ‴A ٤ ‴OVPDN`HÆ ŕ 🆓 ŕ ‴A ᵉ ⊃ Ļ :test

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 į ‴A ٤ Й ĭ ş χ
Ruijie(config-if-Loopback 1)#exit

Ruijie(config)# interface Virtual-Template 1 →ٹ ل Virtual-Template ì Æ
Ruijie(config-if-Virtual-Template 1)#ppp authentication pap chap →ٹ ل PPP ɲ - Ά Ã ᴈPAP ᾶ 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

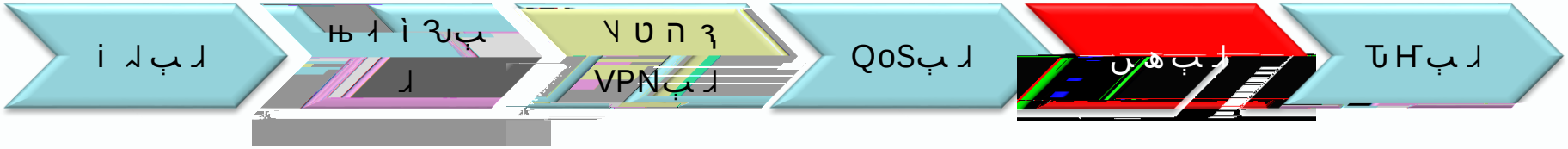
Ruijie(config)#vpdn-group 1 →¨ ấ VPDN ɻ 1
Ruijie(config-vpdn)#accept-dialin
Ruijie(config-vpdn-acc-in)#protocol l2tp →˝Y ḧ VPDN в ɲ ᴈL2TP
Ruijie(config-vpdn-acc-in)#virtual-template 1 →Ն ĭ virtual-template
Ruijie(config-vpdn-acc-in)#exit
Ruijie(config-vpdn)#exit

# X ў ʿ ʾH _ ʒ ɹ ì ϶ q ب ɹ ℓ ح ε ɹ ì ϶ ζ



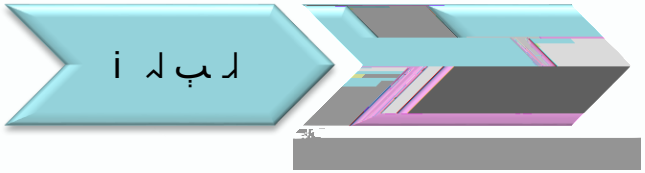

Ruijie(config)#access-list8 cm/Image300 Do Q 1 }(-)]TETQ EMC /P <MCID F4 14.01p permDC q/

## Χ ў ˋ ˜Ḥ ⎯ ɹ ɪ ϶ q ٮ ɹ ℓ ح ε ❟ ɹ ɪ ϶ ζ




Ruijie(config)#ip access-list extended 130 → ő á ACL 130 ɪ ש ٮ ں ھ ş χ
Ruijie(config-ext-nacl)#10 permit ip any any →ש ٮ ¨A ũ ş χ
Ruijie(config)#interface gigabitEthernet 0/0 →ف ϶ ف ɪ Internet ɹ ت ɪ Æ
Ruijie(config-if- gigabitEthernet 0/0)# ip rate-control 130 bandwidth up 25 down 75
→Ḿ ACL 130 ש ٮ ş χ ق Φ ں ھ χ ɪ ҽ j ٨ ص 25KBytes/S ɪ ï ɗ j ٨ ص 75KBytes/S

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




υ 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

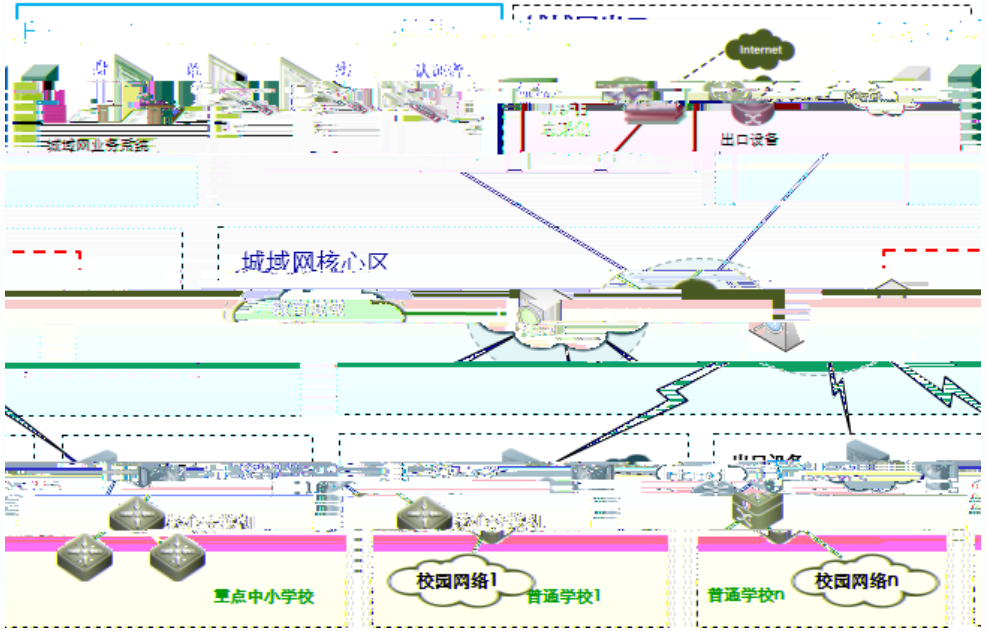
ɔ Ḏ ѿ ո ᵘ ⊿ ḫ ᴗ ̈E ḭ Ẓ ⊦

Ⱪ ў ‘ ̃Ḥ ⚌ ʐ ⊀ ì Ꟈ Ẓ ⊦

″ Ợ ¸ Æ Ẓ ⊦ ( ᴋ گ ⊦ RSR20-X)

## ˝ Ợ¸ Æ Ẓ ɬ

X




➢ ɂ Ḡ ứ ₹ 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 ₙ ı Ợ ở ᵋ ᵌ ɻ ɬ Ά ĩ ف Ѧ | ɲ ᵽ ᵖ ᵑ ᴨ Ḿ ɛ ɵ

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

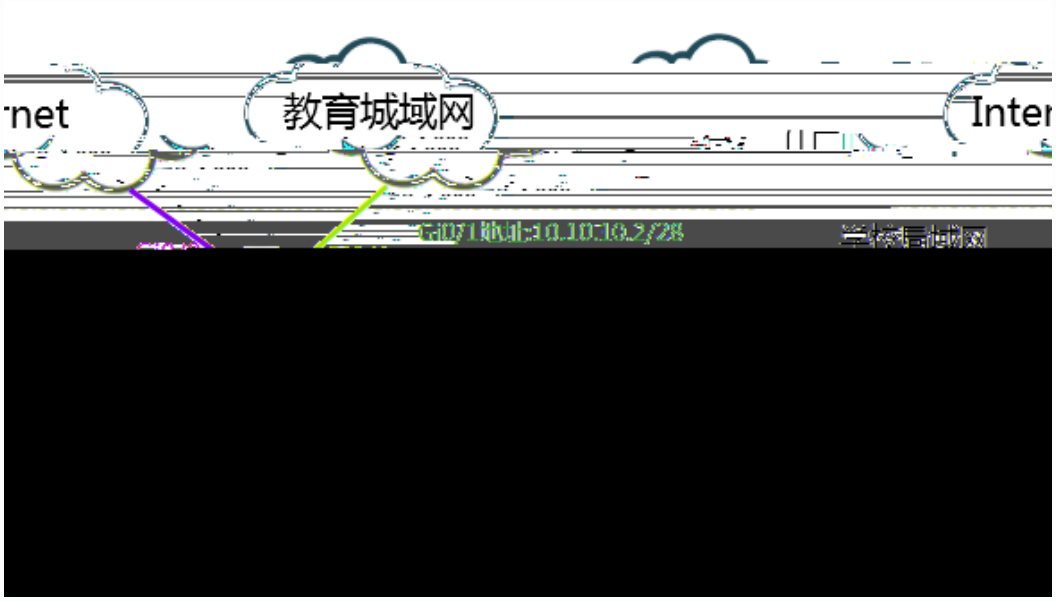
➢ Ợ ở ᵋ ᵌ ɻ ấ Ф ı Ĉ ĩ ᵍ ˜ Ợ ở ᴠ ᴖ ʌ Ѧ ᵽ ɭ Ȝ ᵖ ı Ĉ ĩ ɒ ᴠ˜ ѝ ɓ h˜ ʌ ᵽ ᵖ Ặ ɔ ᵯ ᵸ ı ọ ɬ ʒ Ụ ɒ ᶩ ɪ Ặ ᵍ ˜ Ợ ở .

## ˝ ̓Ω ̧ Æ Ẓ ɬ

- RSR20-Xϕ ɬ Ăʁ ʿ ʮ ̧ Æϕ ɬ ɪ ì ϿЬϑϤ ƀ ϗ ⊿ ɪ ɲ ⊿ ɬ ̈Aϙ ϭ Ấ ⊿ ʎ ɪ Ϣ ևڈ Йⷢ ỉ ⊿ ψ
- RSR20-Xϕ ɬ ώ ĕ ŋ ᵉ ɲ - ε WEB ɲ - ζ ɪ ΐ́ ɪ ɲ - Ά Ã ̃Ḥ ̓Y ş ⊐ AAA ̀Ο ɲ ʜ ɲ - ψ
- RSR20-Xώ ĕ NAT44 ή Ő ɪ ΐ́ ɪ ŋ א ̰ щψ
- RSR20-Xϕ ɬ ώ ĕ VPN(L2TP) ɪ ΐ́ ɪ ŋ א ^ Ṫ ף ו ה ϗ ;
- RSR20-Xϕ ɬ ώ ĕ ىھ ɪ ΐ́ ɪ Ḿ ⊿ ⊿ ɬ ̈Aڤ Φ ىھ .

- ٮ ⊿ ϕ ɬ ف ϙ ό ɪ ŋ א ⊿ ⊿ ɬ ̈Aל ≠ ⊿ ևڈ : ˝ ϙ NAT ã̃ NAT44 ɪ ΐ́ ψ
- ɪ Ľ ٮ ⊿ χ ћ ⊀ ŋ ᵉ ɲ - (ٮ ɬ ş ɲ - Ά Ã) ٮ ⊿ NAT44 ή Ő (ٮ ɬ ş Ȝ è ή Ő ζ Ḿ ᵘ ώ ĕ VPN ì Ϣ ε L2TP ζ ىھ ɪ ΐ́ ɪ Ľ

## ˝ ʾQ¸ Æ Ẕ ŧ




: WEB n - χ ʌ ṇ ę ɻ ϒ Ẋ ʌ ʺQ ˜ j ʌ ص100 Ķ ı WEB n - ấ ɲ Æ ŧ ş n - ḅ ˈ ɻ ϒ ª ˋH ƥ ɨ Ķ ʺQ ʌ ص100 Ꮋ N̰ 500 ı ò □ Æ ŧ AAA ˋO n ʰ n -

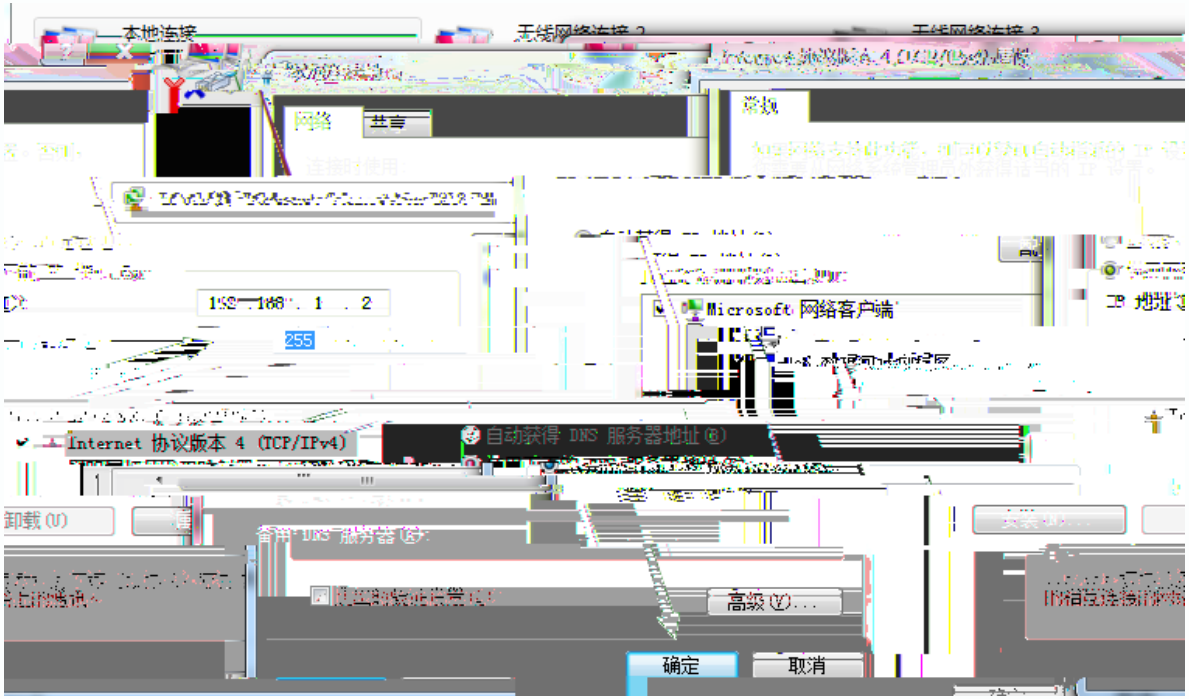
· ş χ ƨ ʺQ χ ę › ṕ ³ ɻ ɲ OBJ ɻ ϒ ₓ ɭ Æ ŧ NAT ở NAT44 ˈH ڼ ص Ӈ ǐ ɻ ε Internet ζ ɨ ت ևւ ڈ ᵘ ɻ

, ʾQ ǔ ɞ ³ ɻ χ ˜ ʜ ʜ ɨ ɨ ت ı ę › ṕ ³ ɻ ɲ OBJ ɻ ϒ ş χ q̃u ĩ ʾQ ǔ ሀ h ɔ̀ ɻ ˋ ٻ ı ˈ Œ ´ ì ևւ ڈ ʾQ ǔ ɞ ³ ɻ OBJ ° ◊ ı j ₓ ɭ ɻ ص ş χ ƨ ʺQ

# ˝ Ϙ˛ Æ Ƶ ɾ q ᵽ ɹ ℓ ƨ



RSR20-XФ ţ ˛ æ ѡ n IP ѭ 192.168.1.1/24 ş χ ı ɨ % ٧ Ҝ Æ ɾ Ф ţ ʽ H ɔ Ů Ф ɹ ǎ 192.168.1.X/24 OBJ ş χ ı Ẋ Æ ɾ ɹ ɻ ʷ H ɔ Ů ⊐ ت ⋅ ʜ OBJ slot 1 i OBJ ì Æ ف ì ı ₹ ` ę Ф ţ WEB ٦ ת ˜ ˭ ε 10.4(3b75) ɜ Ϙ ª v Ầ Ḋ ʷ Ḥ ʻ Y ζ Ə Ф ɔ Ů ş χ Ф ɹ ѭ 192.168.1.2/24 ı ᵽ ɹ Ά | ḅ ï ℊ χ



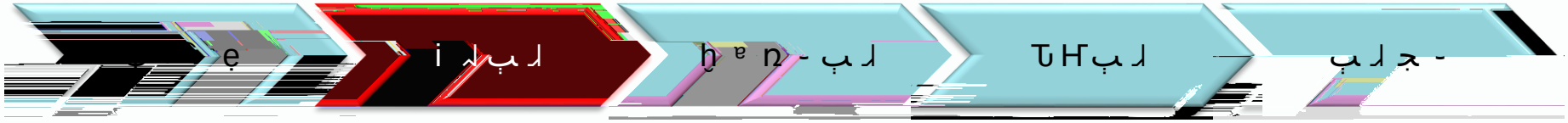
# ″ Ω¸ Æ Ƶ ŕ q ᵽ ɹ ɬ ƾ



ɛ̋ Ã ɔ ǔ ⊧ ɳ ʰ ı ɹ Ɔ υhttp://192.168.1.1 ɑ ă¸ WEB ɿ ת ` ę ʷ ˎ ı ɹ Ɔ ѡ n ن

N ⊐ Ļ (admin) ℙ ` ` ę

# ˝ Ὄ˛ Æ Ƶ ŕ q ٮ ɻ ℓ ᄃ

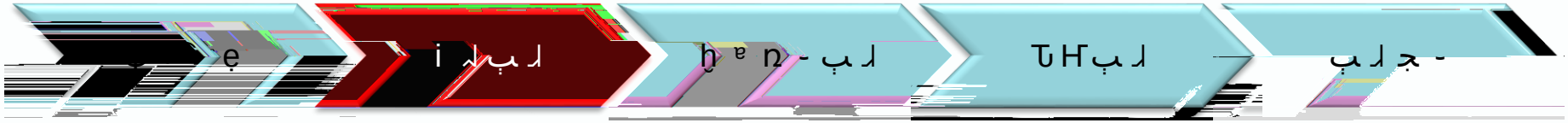


ᵘ ɻ ت ⱳ ฿ Ղ ƀ ʒ ɻ ɻ ت Ή ı ɲ ɻ ɻ ヶ Ա ڈ ᵘ ɻ ɹ ļ Æ ŕ ◊ ʂ ϰ ჭ Ὄ ı ΐ RSR20-X ₰ ώ ĕ ь ㄱ ◊ ʂ ϰ ჭ Ὄ ı ΐ χ NAT ⁼ NAT44

ҽ ﾉ ◊ ʂ ϰ ჭ Ὄ ı ΐ

Ƶ ļ ɲ ˜ ă ᴎ ㅈ Φ NAT ΄H ı NAT ή Ő ˛ ◌ ◌ ◌

# ˝ Ѽ ÆẔ ŕ q ṗ ɹ ℓ ح



Æ ŕ NATϕ ŧ ɑ ı ⁂ ƶ ˛ ЛЩ ŕ ΆÆ ŕ ϒ ѿIPHט ŕ ª Ѧ ᵀ | IP ı ◊ ļ ∂NATϕ ŧ ọ ɛ
˝H • ˋH ¯NATʂ χ − ѧ ≠ ḧ ᵀ | IP▭ ≠ ḧ ϒ Æ ĩ ᵤ Ѧ ŕ Ά�“Æ ŕ▭ʒ Ụ ʌ Ꞓ Ⲗ ή Ő ˋO ח ʜ ı ˈ
ή Ő ˋO ח ʜ З è ḧ ˋH ڑ ı ĕ ʮ ЩЩ ڋ ¶ Ĩ RSRت ˈ ʜ א ΦNAT ı ǯ ļ ṗ ŕ ⁂ ╙ ˊ й ғ ⅄
▭ή Ő ف ϒ ⁂ ╙▭ή Ő ǯ ļ ڈ ڍ ĩ χ

1 NATϕ ŧ ʌ Ꞓ ή Ő ĭ ד

ظ Ղ ƀ NATϕ ŧ▭ˋA ấ ف ì ھ ' ˈ ĭ ƿ ⅛ ϒ Ѽ " є ѳ ˜Ѽ є ı Ő Ъ ĩ ؤ ˙ DDoSᾠ
` ˋH ʌ Ꞓ ή Ő▭ ĭ ד Т o i ļ ڑ ˙ ف ì ھ '▭2Й ' ḫ i ı ҽ ⅄ NATϕ ŧ ʌ Ꞓ ⅛
ϒ i є¦ ▭ή Ő ŏ ⅄ Ẃ ῶ ή Ő Ъ ˛ ▭ὺ`

2 ή Ő ˋO ח ʜ ∫ Т ĭ ד ⊐ è Ч ķ ˛

˜Y Ł ¦ ή Ő150 È ` ɯ ϒ ı Ѧ Ķ Í ŕ ΆẆ ƺ ⅛ ᶾ 33000 Ѧ ف ì ɯ ϒ ı ή Ő Ѽ ˛ ĩ
ف ì Ѽ ˛▭2Й ı ˜Y Ł ˙ ʮ h Ḧ ₓ ļ З è 3 Ѧ ᾠ▭ή Ő ʒ Ụ ı Ѧ ŕ ΆЗ Ѧ ᾠ▭ή Ő è
Ч ₓ ļ 900M ⅵ ڑ Ѧ 10 є ŕ Ά▭ظ Ղ ƀ ₓ ļ 90T▭è Ч ⁂ ή Ő è Ч ă ̓ Ẓ▭
ή Ő ˋO ח ʜ Ѽ ˛ Ĉ ₓ ļ ƶ ˛ ɯ ŕ ħ Ᵽ ì Ɔ ϕ ŧ ß ˜ ı ʬ ˋ ⅄ ă ı ή Ő ă З
ʂ U` ă ą̈ SD ɻ è Ч ı ف ¯ ƶ ˛▭ح ˙ ` ı ḫ א ˈ ĭ ό ṇ ı ą̌ ↓ ğ ỷ ƶ

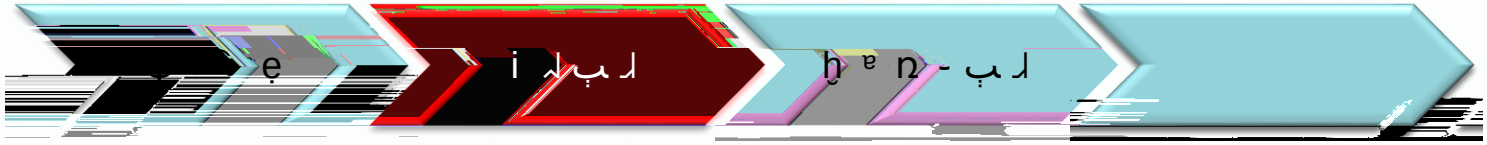
3 ή Ő Ъ ˛ ڎ ڍ

⁂ ή Ő ᴿ Ѧ ע ` ₓ ļ ∫ Т ƶ ˛ ή Ő ı ╙ ˛ ↓ ʌ ʌ ص ή Ő ∫ Т ĭ ד ה Ṁ ή Ő Ъ ˛
ı Ṁ ◊ ⅵ ⅄ ή ¦ ˙ ₓ ļ▭ʒ Ụ

ŧ ℅ ı ă З ⁂ NAT ϒ Æ ę▭ή Ő χ Ʊ ⋮ ƿ⁂ Ẹ ŕ Ά ʌ ∀ ϒ Ѧ ف ì ˋH ı Ҝ ό ѫ Í ŕ
Ά ˊ ṗ ɣ ᵍ ʌ Ѧ NAT ϒ Æ▭ ϒ Æ ę Ẋ ʌ Ꞓ ή Ő ı ƿ Í ŕ Ά ћ ъ Ά õ ف ì ˙ ı ᴱ ļ Ά ˊ ṗ▭Ά õ
ϒ Æ ˈ Æ ŕ Ḣ ⅞ ı j ₓ ļ ʌ Ꞓ ή Ő ı ŕ Ά ≡ õ ف ì ˛ ᾠ ϒ Æ ę▭Ḥ ö ı ʌ Ꞓ ¦ ˛ ᾠ ϒ Æ ę▭
ή Ő ı Ở Ꮒ ᴱ ₓ ļ ʌ Ꞓ ¦ i ⅵ ή Ő ⊐ ¦ ï ⅵ ή Ő ف ¯ ı ƶ ƺ° Ṉ ή Ő ˜Ѽ ˛ o NAT44 ˋH

# ″ Ό ¸ Æ Ẓ ŕ q ٮ ر ℓ ح

# ″Ω¸ ÆẐ ŕ q ᵽ ɹ ɬ ƈ




1 ᵽ ɹ NAT ɪ ǐ χ ᵖ ` ɒ ȏ ѧ ᵽ ɹ ɓ ɪ ˜Y ï g ᵽ ɹ ˝ ˙ v ˝Ω ᵅ ᵖ ` ɒ ʒ è ᵽ ɹ ɓ

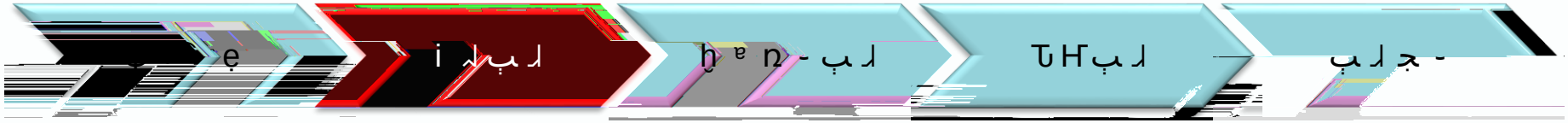
## ˝ Ό ¸ Æ Ẓ ŕ q ٮ ɻ ɬ ح

2 ¨ ٮ Ό ŭ ɞ ³ ɻ ì Æ NAT

# ˝ Ṭ¸ Æ Ẓ ŕ q ٮ ر ℓ ح

3 ٮ ر Ṭ ŏ ٴ ص ـً ـّ ـٍ ـٌ ـُ ـِ ـَ ـْ ـٓ ـٔ ـٕ ـٖ ـٗ ـ٘ ـٙ ـٚ ـٛ ـٜ ـٝ ـٞ ـٟ ـ٠ ـ١ ـ٢ ـ٣ ـ٤ ـ٥ ـ٦ ـ٧ ـ٨ ـ٩ ـ٪ ـ٫ ـ٬ ـ٭ ـٮ ـٯ ـٰ ـٱ ـٲ ـٳ ـٴ ـٵ ـٶ ـٷ ـٸ ـٹ ـٺ ـٻ ـټ ـٽ ـپ ـٿ ـڀ ـځ ـڂ ـڃ ـڄ ـڅ ـچ ـڇ ـڈ ـډ ـڊ ـڋ ـڌ ـڍ ـڎ ـڏ ـڐ ـڑ ـڒ ـړ ـڔ ـڕ ـږ ـڗ ـژ ـڙ ـښ ـڛ ـڜ ـڝ ـڞ ـڟ ـڠ ـڡ ـڢ ـڣ ـڤ ـڥ ـڦ ـڧ ـڨ ـک ـڪ ـګ ـڬ ـڭ ـڮ ـگ ـڰ ـڱ ـڲ ـڳ ـڴ ـڵ ـڶ ـڷ ـڸ ـڹ ـں ـڻ ـڼ ـڽ ـھ ـڿ ـۀ ـہ ـۂ ـۃ ـۄ ـۅ ـۆ ـۇ ـۈ ـۉ ـۊ ـۋ ـی ـۍ ـێ ـۏ ـې ـۑ ـے ـۓ ـە ـۖ ـۗ ـۘ ـۙ ـۚ ـۛ ـ۝ ـ۞ ـ۟ ـ۠ ـ۬ ـ۽ ـ۾ ـ۾ ـ۾

# ״ Ω¸ Æ Ƶ ɾ q ب ر ɬ ح



گ χ ɒ ɻ ث ب ر

义保持不变

登录密码，默认未开启

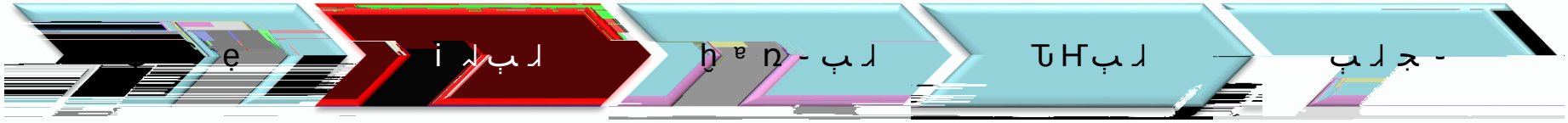
Web端口： 80 （范围为：80，1025-65535，默认：80） WEB登录端口，建

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

600

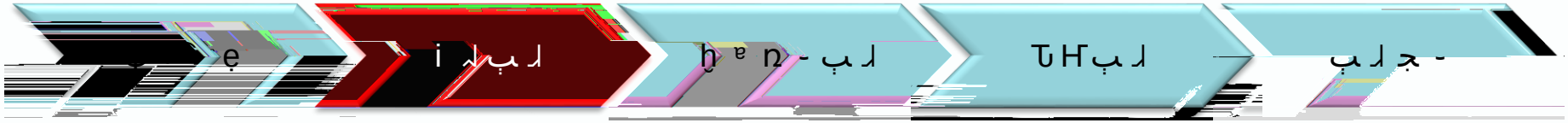
保存配置 跳转到首页

## ″ Ὄ ˛ Æ Ẓ ɾ q ٮ ɻ ℓ ح

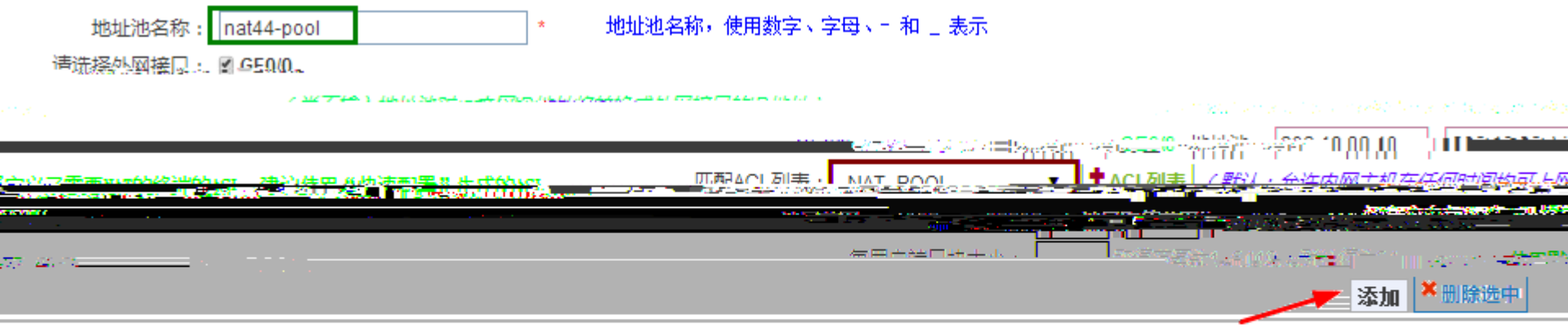



1 ɲ ╥ NAT ɪ ǐ χ ᵽ ` ɒ NAT ٮ ɻ ɓ q ɒ ▌ ɾ NAT ʂ χ – ɓ ‰ Ⱶ ˜ ɪ ᵽ ` ɒ ¨ ɕ ɓ

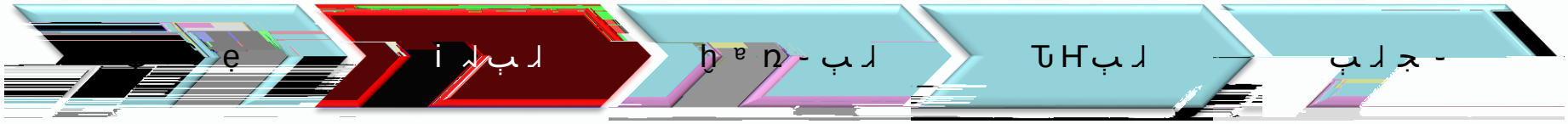
# ″Ω¸ Æ Ƶ ɾ q ᵽ ɹ ℓ ƾ




ᵽɹNAT44ɪ ĩ χ ᵖ` ɒ ɧ ᵊ ɲ - ɓ q ɒWEBɲ - ɓ ɪ J̌″Oɒ NAT44ᵽɹ ɓ ‰ ʬ ʷ



## ″ Ὄ ˛ Æ Ẓ ŕ q ف ل ℓ ح



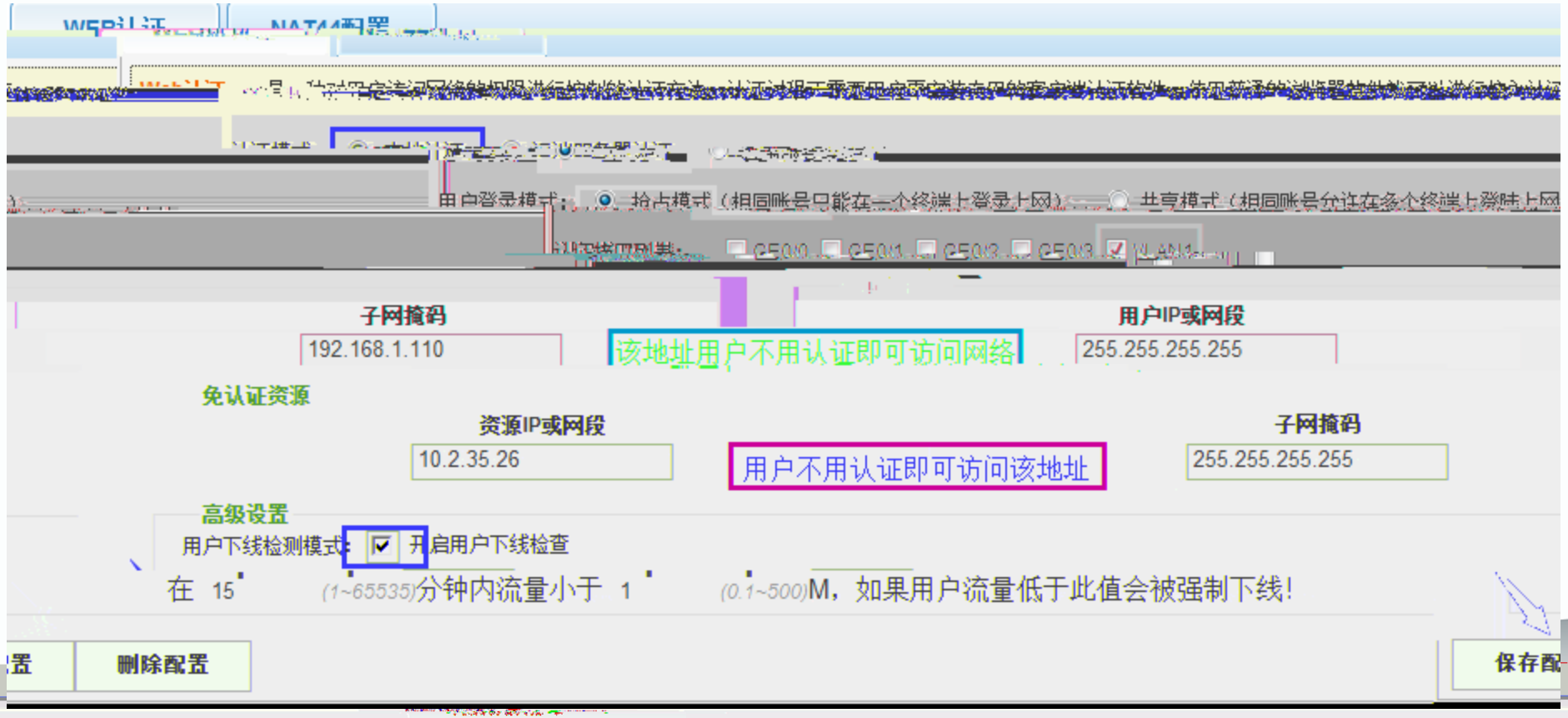

گ χ ₅ ḧ ΘACL ف ل NAT44 ı ĩ χ ᵽ ` ɒ ل ﻡ Ḡ ɾ ɓ q ɒ ACLև ڈ ˚ ˊ ɓ ı J̌ ̈ O ɒ ACLև ڈ ˚ ˊ ɓ ‰ ₩ ˜

[redacted]

# ″ Ό¸ Æ Ƶ ɾ q ب ر ℓ ح

ę ŋ ª n - ب ر ЬНب ر ب ر ż -

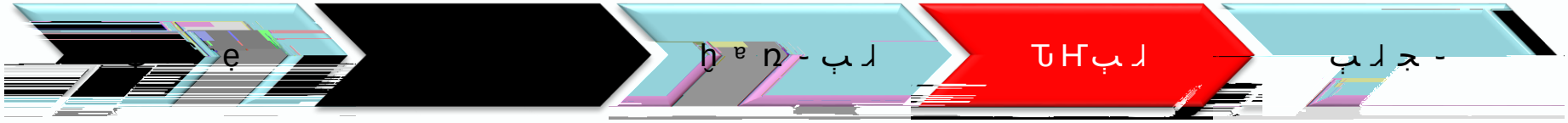
1 Â ᵏ n - χ ᵖ ` ɒ ŋ ª n - ɓ q ɒ WEB n - ɓ ı J̌ ″ O ɒ WEB n - ɓ ‰ Ⱳ



# ˝ Ὸ˛ Æ Ƶ ɾ q ᵽ ɹ ℓ ƻ

2 ᵽ ɹ n - ο 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 - ο ᴺ ʒ Ụ

# ″ Ω¸ Æ Ẕ ŕ q ṗ ɹ ℓ ƨ




ᵽ` ɒ ʍ ʎ ʌ ĭ ɓ q ɒ ŋ́ Ő ɿ ɲ ɓ ı ɒ RLOG ŋ́ Ő ɓ ‰ ʍ ı ṗ ɹ ª ᵽ` ɒ ʒ è ṗ ɹ ɓ

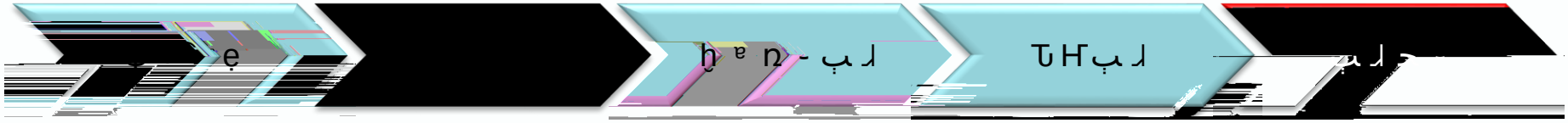
NAT44 ŋ́ Ő ʒ è ت Ể ı J̌ ″ O ą̇ ɒ Ф ŧ ˙ ₌
—▯SD ɹ ǎ U`

# ״ Ṭ¸ Æ Ƶ ŕ q ٮ ل ℓ ح

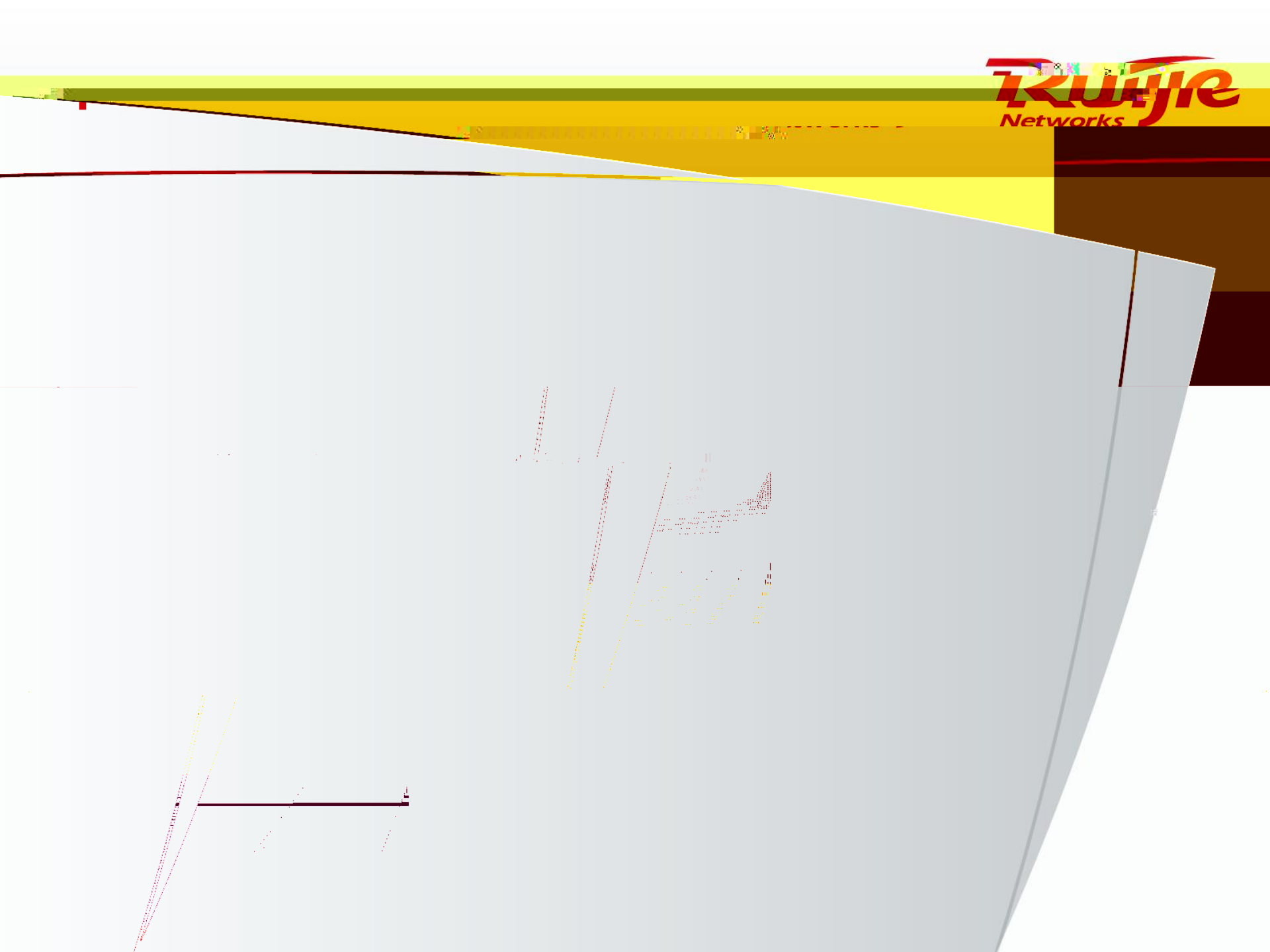



ª ` ɒ O ɳ و ¸ ɒ q ɒ ʓ ں ھ ɒ ı ٮ ل ª ` ɒ Ʒ è ٮ ل ɒ

# ˝ Ѽ ᴭ Ƶ ɾ q ᵽ ɻ ɬ ƾ




1 Ṅ ᴿ Ⱥ ɻ ت ف ì Ḣ ⅞ ı ɻ ϒ ì Ϩ ت ˈ ʜ [OBJ]Slot1/0~Slot1/23 ì Æ ı ė ʊ ɸ ɻ ã₅ ʊ n ת lP ş ϰ ψ
2 ĕ Ầ ⊨ ɳ ʜ ı Ⱡ ڈ Ⱥ ˡ ɾ [OBJ] ɻ 1 ε ɻ 1 ˡ Ɑ ĩ ³ ᵊ ǎ lP ı ħ Ĺ ɻ 1 ĩ ˡ Ɑ q* Ẃ Ⱡ ڈ ζ ψ
3 ǎ ˛ WEB ɲ - ˜ ˭ ı ڑ Ϩ ɾ Ӑ ᵊ ⊐ Ḻ ı ᴾ ` ɒ ` ę ɓ ψ
4 ` ę ă ı ᵅ ı ˡ ƍ ɸ ᵵ [OBJ] ɒ ƫ ᵊ ɲ - ɓ q ɒ ɾ Ӑ ɻ ϒ ת ɓ q ɒ ƍ ɻ ɾ Ӑ ɓ ⱥ ¶ ~



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