•

-
  - ب ˝ ฺ ฺ ว ฯ Á ฺ ŭ ˜
  - ڤ Φ ฺ ฺ ว ฯ Á ฺ ฺ ฺ ฺ
  - ڤ Φ Ẃ ŏ ڈ ۽ ฺ ฺ

- ễ Ḷ ̃ ɱ-ễ ấ ϟ ε 4000 ژ ζ ̀A ш ṇ ɨ ɱ ̄ ı ṇ
  Ã ɔ ژ ı Γ ̈Ω ́A ̂ ĕ ɔ Ã ɔ ژ ϒ ژ è ɸ ڈ ئ

- ɻ ɨ ̀H ژ ڌ ễ ϱ ª ı ɻ ϒ ϟ ̀A ї ϖ ̇ ڈ ئ ڍ ^
  ε ϒ Æ ف ڼ ζ
- Ą ̀H ı ŏ ɨ ה ̀ì ϑ Γ ̈Ω ɨ ϰ ̈A ژ ◖ ↨ Γ ̈Ω
  ̈Ω ą ı Ṁ ɻ ʌ ϧ Ă ı ẽ ᵠ ŏ ɨ ψ ف ϖ ḫ ت ɱ
  Ĉ ̣ ϰ ص ₭

- ɔ ʔ j ڼ ڢ u ɹ ı ϰ ∫ ∫ ɲ ε ɨ ̈v ɻ ʌ ḣ ɸ ė ɟ ζ
- ễ ṵ ̈Ω ̂ Ḍ ɹ ı ڀ ̀A ο ɨ
- ɔ ʔ ɻ ṵ ɨ j h ̤ ı ϖ ο ق ɨ ı ϖ ο RJ11

看得见的

Ở ԓ Ά՝ ب ˝ χ

› ۷ ۷ ۸ " ═ ذ ̃Ω Ẅ ỷ j ḫ ص ƶ ι ̈Ά ũ ⌧

ᾠ ح ע ι ấ ɲ ƥ Ḷ ̃ ɲ ۷ ۷

Δ ǐ Ṗ ⌊ ∂ χ

ˈ ̣ ḫ ϰ ũ Δ ǐ ã ɒ ̈ ԉ ̈ є χ Δ ǐ ι Δ ǐ

i ǐ ڀ ɾ є χ ϗ ۸ ѣ ɲ ³ Δ ǐ ã / Ọ Ѝ ǐ ι ώ

ϫ ۷ ۸ V̰ K̰ ι j ᾠ Ψ ϰ ũ › ۷ ۱ ɲ ʒ ğ ڏ "

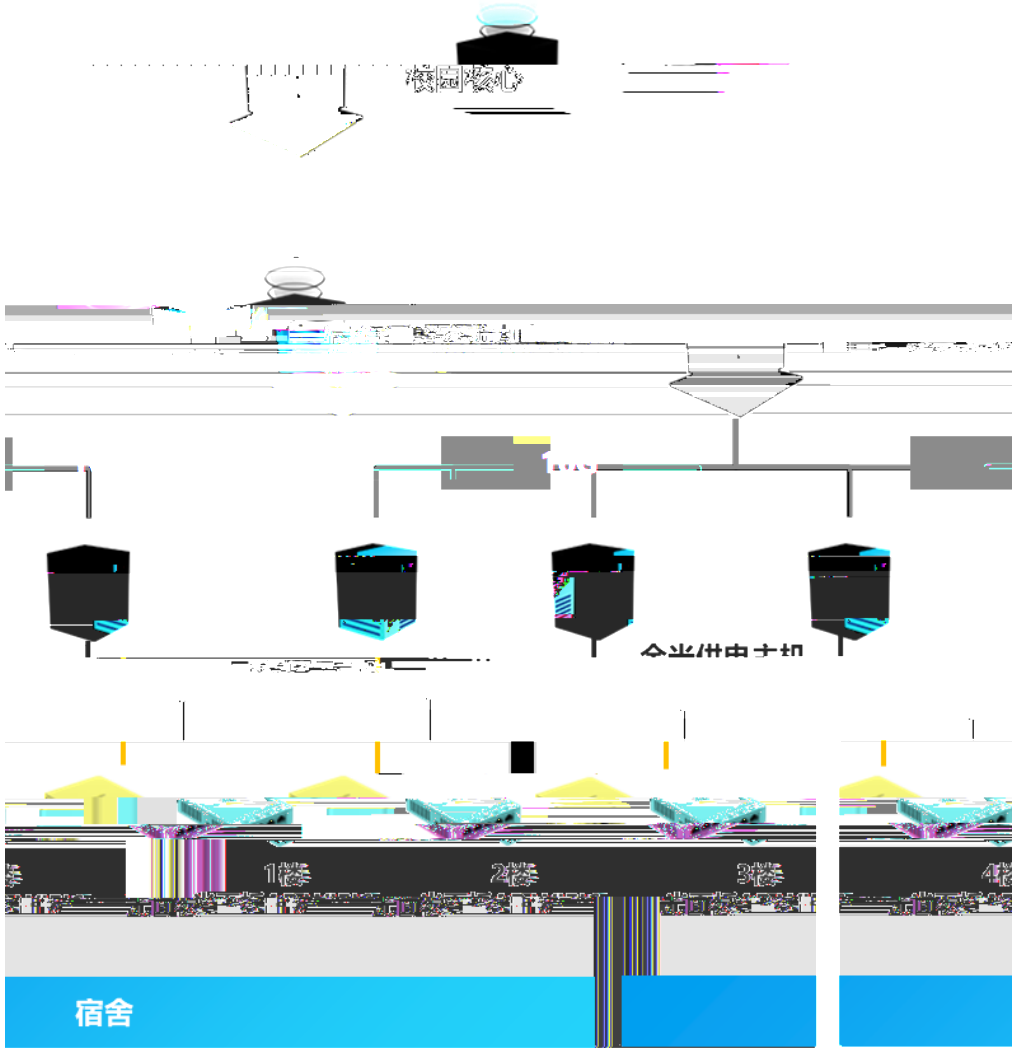
═ ι Ṅ ۷ ۸ ᾠ ح ι ڑ ں ̇ ᾠ Ḥ

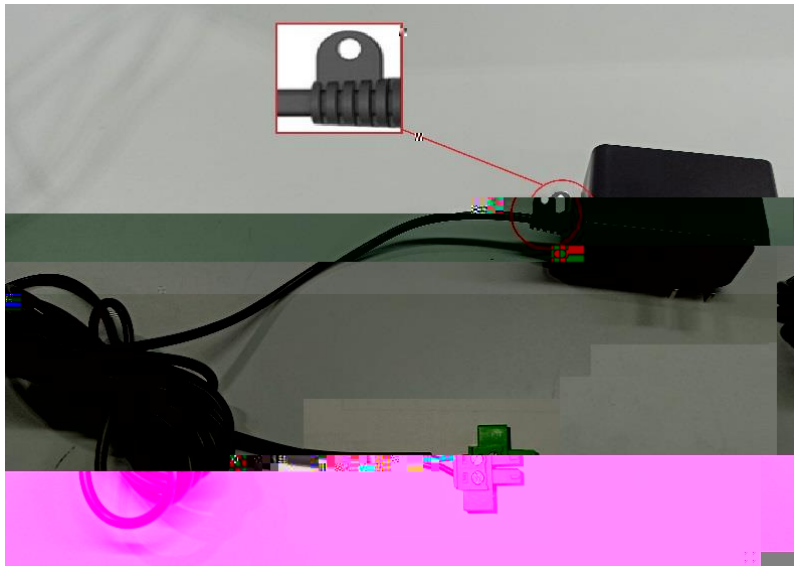
ì ϩ Ṗ ⌊ ∂ χ

Ἀ ԩ ˩ є χ ϗ Γ ̈Ω Ў Δ ǐ ι ̈Ά ũ ϗ

ᾷ ϩ ѣ Δ ǐ ڼ ص є χ ϗ Æ Ѝ ǐ ι ώ ϫ ۷ ۸

V̰ K̰ ι ˈ Ϣ ̊ ̊ N̰ ۷ ۸ ᾤ ᾷ ̱ ϒ ψ





RG-MAP852-SF APuʃ̄ ̃ Ỵ ɡ

- ɔ ◊ ګ ۻ ۺ ۶ ۷ Ḏ ì ˘ ˊ APف ì ı APɔ ◊ ۷* ق ǁ ̃Ḥ'Y ɾ ì ı ŋ ŋ̀ ۺ ۸ ʿ * ق ǁ ψ
- ɔ ◊ ګ ۻ i ̶ ĺ ɒ Ⱥ w ɖ ḧ ḍ ɥ ı ̃Ḥ'Y ɔ ◊ ګ ۻ Ḡ Ł ª ı ̈H ɔ ◊ ګ ۻ ɖ ḧ ɡ ᵐ i ε ⋮ ̃Ω ḫ ڭ ʃ ̃ ۺ ∂ ζ

1 RG-MAP852-SF ⁎ AP ı ᴱ ̃Ḥ ̇Y ᴺ ̈Y ı ⱺ ∂ ᴺ ̈Y ɥ ⱺ ̃ ³ Ъ —₆ N̲ ⱺ ∂ 30cm ı Ȧ ӝ ì ̆ ö ̇ ψ

2 RG-MAP852-SF ⁎ APپ ɾ ş ĕ ɔ ̀H ı ⊃ ̤ i ⱺ ∂ Æ ɾ ^ Ḍ ч ᴺ ı ̈H ĕ ɔ ṅ ̇ ̇ ̈ ⱺ ɥ ^ Ḍ ч ᴺ ⱺ ı ʏ ḟ Ą̇ ɔ Ą̇ Ṫ h ̤ ψ

3 RG-MAP852-SF ⁎ AP ɥ ì ɨ ̀H ɹ ⱺ ├ Ẏ ı ɥ ì ɔ ◊ ᴺ Ḍ ı ├ Ẏ j ḟ я н ⁎ ᴺ ب ɨ ψ

4 RG-MAP852-SF ⁎ APõ ъ ᴺ 0 ɨ Ȧ Ã ı к ̳ ᴺ ̣ ɨ ⊃ к ̲z ʜ ̣ ɨ ı ɹ ⱺ ̊ ̲i ̈A ̣ ▌ Ꝼ پ ɾ u ᴺ ̣ ɨ Ȧ Ã ψ

5 RG-MAP852-SF ⁎ AP

RG-AM5552-SF ĩ ج à ل ٨ ۹۰۰ ॥ ৸ ৫ θ ২ ⁎ Ấ ı ò ¸ ▒ ‗ b ⁎ Ẓ ŕ ע ᴸ ε ḃ ṇ ɨ Ḷ ̃ ل ¸ ḥ Ḷ ؤ ה ३ ل ৸ ζ ï ▒ ŭ ʿ ३ ṇ ɨ ì ২ ᴾ ı پ ŕ 802.11ax ʁ ɲ ‰ ı Ṅ ᴶ RG-AM5552-SF ڼ ص å ʁ ¸ 48 Ꙗ ̃ Ḥ ʿY ⁎ ٨ ì ২ ▒Radio₩ ę ı ̃ Ḥ ʿY 48 Ꙗ ̈A ژ ▒ ṇ ɨ ì ২ ó ĩ ı ⅛ Ꙗ ̈A ژ ω ح ᴵ ɲ ũ 1.775G ▒ V̱ K̲ ° ◊ ı ◑ ′ Ḷ ̃ ע ᴸ ৸ ح ó ĩ ì ২ ▒ ¸ ∂

ƒ β ʒ ᴺ	RG-AM5552-SF
CPU	ᴿ / ʃ ת ᴴ ı ɒ / ǯ ţ 1.0G
BOOTROM	16MB
Flash Memory	512MB
SDRAM	1GB
̃ Ḥ ʿY ⁎ ₩ ę ɨ ʒ	ν ă گ ę B ̃ Ḥ ʿY ₩ ę ʒ ᴺ ω ᴵ ĩ ę ʿH ̃ ̈A ı ʊ ч ت ᵛ Ĭ ج à ل ٨ ¡ ̈A ʿO ɲ ʊ ɲ ̃ Ḥ ʿY

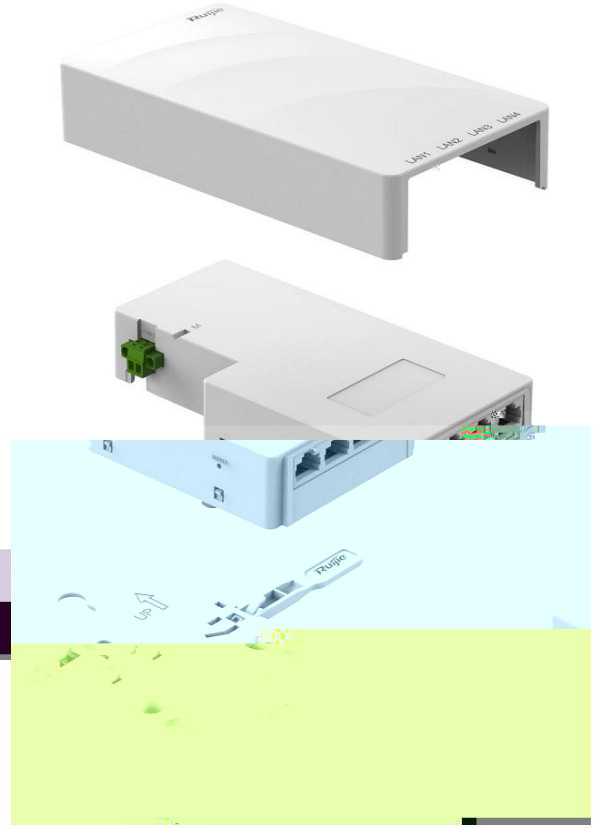
看得见的

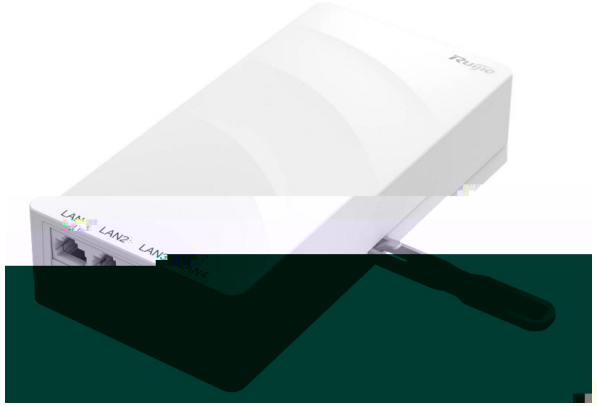
RG-AP850-AR(V2) ĩ ج ὰ ᴊ ᴎ ‾ ᵇ ح Ὸ ὤ ẗ ˝ Ὸ ‡ ƀ ў ᴬ ί ᴊ ᶆ ̃ ò ̩ ЖЙت ᴥ ᵢ ̃ Ḥ ̓Y 802.11ax

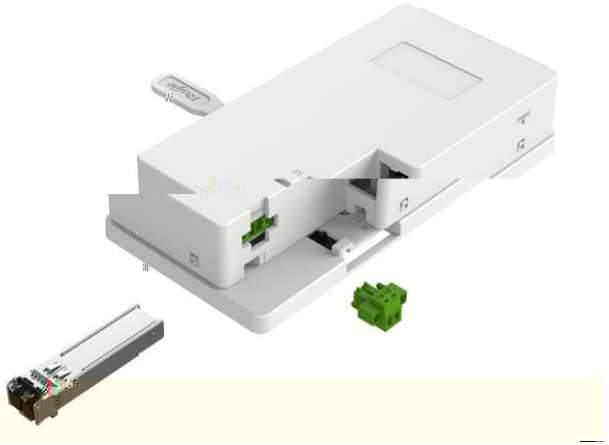
ᵑ ᴵ ì ᴝ ᴾ ε AP ζ ᶠ ᵝ ı ᴾᵀ ᵀ ЖЙ ṃ ᵢ ̓H ı Ʊ ᴬ 2.4G ṃ ᵢ ᴊ ᴵ ώ ĕ ᵠ ح 400Mbps0B69074809E009CC0BB505670B

RG-MAP852-SF ĩ ̲ ᵇ › ỉ ⅄ Ḷ ̃ ⅄ ∧ ıı ı ɔ ̈A ⅄ ∧ ↊ Ḷ ∧ ấ ↊ ʃ ̃ ò ̣ ⎕A ⊓ϑ ⅎ ϑ ṇ ∧ ⅄ ∧⎕ṇ ∧ ì ʔ ᵖ ᶠ ᵝ ᵖᵉ ᵗᵉ ᵏᵉ ᵗᵉ ᵉ ϕ ɯ ı ̃Ḥ'Y2.4G+5G Ṫ Ă ₩ Ã ı ı ̃Ḥ'Y ᵃ ̀H Ṫ Ă ᵽ 802.11ax ⊃ 802.11ac wave2/1 802.11n₩ Ã

- 5 ₳ ′ ɣ ↊ Æ ε ̣ ̄ ⅎ 1 ₳ ′ ɣ i ỉ ⁎ Æ ζ
- ω ᶻ 1.2Gbps+574Mbps⎕ṇ ∧ ì ʔ ϑ '
- ̃Ḥ'YFit₩ Ã ⊃ FAT₩ Ã
- DC48Vگ ᵇ ᵉ ᵈ
- Micro USB ʒ ⅎ Æ ı ت ↊ Æ ᵗ USB ̈Ω ̃Ω ∧ ´ ف USB
- ⅃ ⅄ 1550 ᴸ ᵗ ᵒ ᵇ ⁎ ₩ ę ı Ḿ ↊ ᵢ ı Æ ᵗ 1310 ᴸ ᵗ ᵒ ᵇ ⁎ ₩ ę Ḿ ì

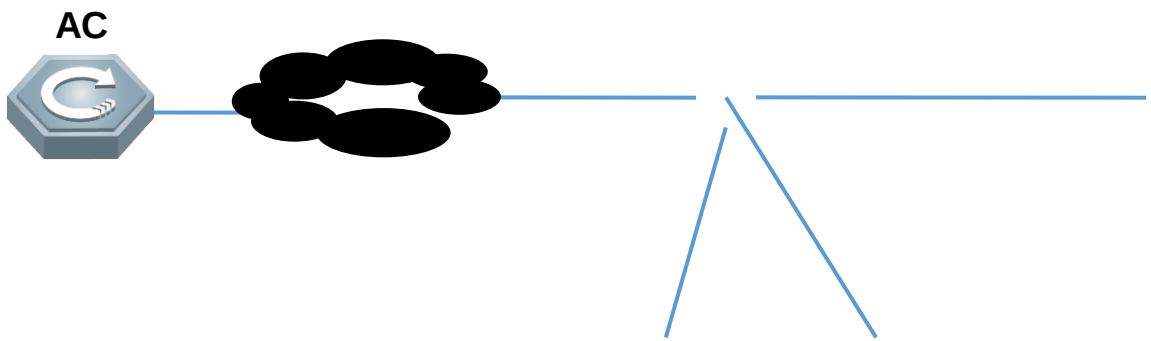






RG-DC4805-BA ĩ ج ὰ ۷ ۸ ò¸ پ ᵀ RG-MAP-852-SFÆ ŕ ⃞ ₵DC ɔ ◊ گ پ ᴴ ψ ژ ϑ χ 100-240Vac

50/60Hz 0.6A Max ψ ژ¸ χ 48V 0.5A 24W ◑ ’ RG-MAP-852-SF



- ŭ˙ ƷƵ ٮ ŧ ϵ ϰ ϗ Æ i ĭ ı ′ ϰ ϗ Æ ï ĭ
- ŭ˙ ƷƵ ۰ ţ ЛъAC ã ٩ mqtt ٩ ת ؤ ڭ ψ
- ŭ˙ ƷƵ ˈ Ḿ ì MAP852-SF ⊃ AP850-AR(V2) ϑ ϗ ŧ ß ψ
- ŭ˙ ƷƵ ˈ ٮ ı Ẋ ħ´ ì ƥ ŭ˙ ƷƵ i ƷƵ è ٮ ı ε ̆ ٮ ˈ ̆Ḥ'Y ˈ AC ∕ ï ∧ ٮ ı ζ ψ
- Ẹ ŧ ̈A ̿ ̾ ϑ ϱ ϑ ϱ ∧ ̀H ö ı ţ ƥ ⅛ ᴶ AM i ٮ ı ŧ ̈Avlan ı ϖ ϗ ̈Ω ̆Ω ̣ ̈e ψ
- Ẹ˙ MAP852-SF ϰ ̆Ḥ'Y ᵐ ̾ ₩ Ã ı j ̆Ḥ'Y Ă ϰ ŭ˙ + ĭ AP ì ϑ ε ̆ ٮ ˈ ̆Ḥ'Y Ă ϰ ŭ˙ ´A Ã ı ̆Ḥ'Y ь ٩ ₩ Ã ı ζ

看得见的

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```
SW(config)# ip dhcp pool AP_VLAN
SW(dhcp-config)#option 138 ip 1.1.1.1                    //˝Y ᵇ AC⃞ip ş x̧
SW(dhcp-config)# network 2.1.1.0 255.255.255.0
SW(dhcp-config)# default-router 2.1.1.1
```

➢

```
am5552-sf(config)#int vlan 1
am5552-sf(config-if-VLAN 1)#ip add 2.1.1.2 24
am5552-sf(config-if-VLAN 1)#exit
am5552-
```

➢

➢

```
AC#show device-config summary
========= show device status =========

Online device number: 2
Offline device number: 0

Mac Address    Device Name                IP Address     Up/Off time   State
-------------- ---------------------------- --------------- ------------- -----
c0b8.e650.08d5 am5552-sf                  20.4.99.93       0:12:10:51 Run
c0b8.e650.08d8 am5552-sf-1                20.4.99.94       0:12:14:03 Run
```

➢ χ Ė ج ' i ۱ ϕ ؛ j h Ĭ ~

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```
AC#show device-config version summary
========== show device status ==========

Online device number: 2

Mac Address    Device Name                    Serial number    Product ID          Software version
-------------- ------------------------------ ---------------- ------------------- ----------------------------------------
c0b8.e650.08d5 am5552-sf                      G1P512C001096    AM5552-SF/1.00      AM_RGOS 11.9(6)B5, Release(08161919)
c0b8.e650.08d8 am5552-sf-1                    G1P512C001097    AM5552-SF/1.00      AM_RGOS 11.9(6)B5, Release(08161919)
```

➢

➢

*am-mac*χ ̈Y ḧ ″ ∧ ̇ ̊ ̆ ∀ ̇ ̊ ̆ AMΦ ̇ MAC ̇ χ

*url-addr*χ ″ ∧ ΰ ̇ ̊ ̆ ̇ ̊ ̆ ∀ ̇ ̊ ̆ ̇ χ ̇ ̊ ̆ ̇ ̊ ̆ ̇ ̊ ̆

➢

```
========Interface GigabitEthernet 0/48========
Transceiver Type    :  1000BASE-LH-SFP
Connector Type      :  LC
Wavelength(nm)      :  1310
Transfer Distance   :
    SMF fiber
        -- 20km
Digital Diagnostic Monitoring  : YES
Vendor Serial Number           : G1PT8P2009864

Current diagnostic parameters[AP:Average Power]:
Temp(Celsius)   Voltage(V)      Bias(mA)            RX power(dBm)       TX power(dBm)
29(OK)          3.28(OK)        9.75(OK)            -6.26(OK)[AP]       -6.28(OK)
```

➢

χ ⁎ ₩ ę ⃞ ʒ ᴺ ı ḃ ˘ χ ′ χ є χ

χ ف ì ᴴ ⃞ ʒ ᴺ ı ḃ ᴅ ₩LC ı ^ ₩SC

⁎ ₩ ę ⃞ ᴸ ذ ı MAP852-SF₅ Ṿ 1550 ᴸ ذ ⁎ ₩ ę ı ΰ ˋ ǯ ı Ḿ ì 1310 ᴸ ذ ⁎ ₩ ę ᵉ ̤ ṇ | link up

χ ⁎ ₩ ę ω ذ ̃ Ḥ ̇ Y ⃞ ᵉ ژ ˈ ̃

Temp(Celsius)	Voltage(V)	Bias(mA)	RX power(dBm)	TX power(dBm)
⁎ ₩ ę □ ỷ	ɔ я	ɔ ℒ	ì ω ı '	∧ گ ı '

Ʊ ₳ RX power ĩ ̤ Ă ⁎ ن ت ȁ Ẃ ⃞ ʜ ج ̈ Y‰ ı ن ̃ Ḃ ı ì ω ı ' ḡ -10dbm ₢ i

OKПъ ´* Ẃ ı alarmПъ ´ ȁ Ẃ

➢

➢

```
AC#show mqtt clients
count: 1
id: am/c0b8.e64e.e374/2
    sock: 1415
    username: ruijie
    address: 16.30.49.1
    sub_count: 4
    last_msg_in: 408672
    next_msg_out: 408687
```

➢

```
AC(config)# mqtt-server enable
```

➢

```
ACg0 G[07A70506] TETQEMC404(6QEMC  /P <MCID 43>BDC q0.034
```

- ŭ ʿ ʒ ≡ i ɨ

- 1 ŭ ʿ ʒ ⊃ AC ن ت ȁ Ẃ ψ
  2 ŭ ʿ ʒ i n ɲ ̄ ج ئ ip ş ϰ ã ȃ AC ip

- 1 ƥ ŭ ʿ ʒ i ping AC ş ϰ ı ˜ ĩ j ĩ ping ن ψ
  2 ƥ ŭ ʿ ʒ i sh acip ipv4 ɲ ĩ ε ʜ* . acip ş ϰ

```
am5552-sf#sh acip ipv4
dhcp ip[0]: 20.40.95.4
mosq connect ip[1]: 20.40.95.4  //ف A ʜ ã ٧ mqtt ؤ ئ ip ş ϰ
```

- ŭ ʿ ʒ ЛъAC ژ ṇ | ã ۷ ۇ ى

- 1 AC i MQTT ̀O n ʿ ᵏ ɾ
  2 ŭ ʿ ʒ ⊃ AC⃞ ن ̀a Ẃ

- 1 AC i ɒ show run | in mqtt ƀ ̃ ̀O n ĩ ᵋ ᵏ ɾ
  2 AC i ɒ show mqtt clients ƀ ̃ ̨ ̈A ۷ ʒ Ụ
  3 ping ₅ ̃

看得见的

- MAP852-SF ő AP850-AR(V2) ≡ i ۱

- 1 ŭ ˋ ʒ ⊃ AP⃞ ⁎ ن ت ȁ Ẃ ψ
  2 AP ˈ ĭ ≡ ĕ i ɔ

- 1 ƥ ŭ ˋ ʒ i sh int tran ˜ ⁎ ₩ ę ⊃ ⁎ ن ت ȕ ˋ ı* Ẃ ⁎ ن ت ï RX Power ⁎ -10dbm ψ
  2 ۸ ţ ⊃ AP ⅄ ʃ ˜ ˝Y˜ ♂ ω ≡ ʒ ε ĭ ˸ Ă

看得见的

- Ü ʿ Ǯ ″ ˥ ˸ م

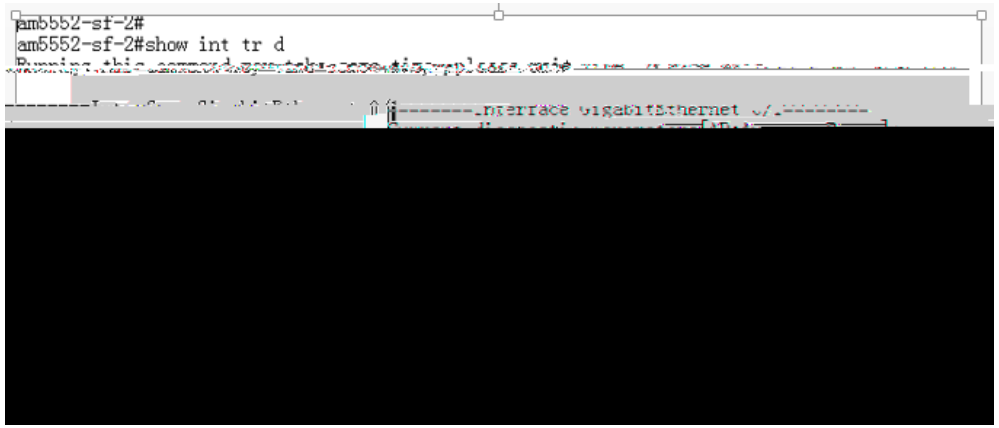
- 1 ftp ̀O n ʰ Ã ᵏ ã Ẃ ψ
  2 ″ ˥ ᵘ ɲ ̄ Ã ح ئ

- 1 Æ ɾ sh ftp-server ̄ ˜ ̀O n ʰ ̇T Ă ↑ õ ψ
  2 device-upgrade url ftp://ruijie:ruijie@1.1.1.1/am5552sf.bin Ʊ ʌ ftp ᵃ ﷺ ب ـ ɖ ḧ ʷ ftp://
  ɾ ̈A ᵉ : ̄ @ip ş ẋ / v ᵉ È , ẋ ħ ɾ ̈A ᵉ ⊃ ̄ j ́ ̄ V ≠ e È ˥

- ⁎ ج ث RX powerÖ ᵓ ع

- 1 ì ˘ —υ ὖ Ω ψ
  2 ب ا ì ˘ ⁄ … ψ

- 1 ⁎ ج ث ì ˘ ĩ ᵋ —υ ὖ Ω ι ξ̌ ι ṇ ĩ AP ۱ ⁎ ξ̌ ⊃ ODFب ا " ب ا ĩ ᵋ ì Ḃ
  2 ب ا ì ˘ ˈ Ϣ ŕ ب ا ا ˝Ḥ ὺ ï ṇ ĩ ᵋ ⁄ … ι ḃ ṇ | ω ὦ ɹ ˜ ι ι ι ˜ ˝Ω ⁎ ₩ ę ã ã̈ AP ڤ Φ ṇ



- ņ ɨ ২ ж ŭ ʿ Ά ʔ ɦ β i ɨ Ά Ã лъ ҽ ʌ ŭ ʿ Ά ʔ i ɨ Ά Ã ı è ƥ u Ꝑ Ṯ ầ ó
- ņ ɨ ২ ж Ά ʔ ԉ i лъ ҽ ʌ ŭ ʿ Ά ʔ ı è ƥ u Ꝑ Ṯ ầ ó

THANKS

ج ὰ ⅄ ∧ ὖ ¥ ὼ ں ʒ ᴺ

ş ɣ χ ˥ Ж ╤ ╪ ㅂ ᵘ G ں 29 ᴺ ᵃ Ỵ Ạ ᶻ ᾧ ʲ A ả 11 Ṗ

ʏ ⅄ χ 100036

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