

لوصول ةطقن مامضنا ءاطخأ فاشك تسأ اهحال صإو Catalyst 9130

تايوت حمل

[ةمدقم](#)

[ةيساس الابل طتم](#)

[تابل طتم](#)

[ةمدخت سمل تانوك](#)

[ططخ](#)

[مادخت سالا ءلاج](#)

[لحل](#)

ةمدقم

زمرلا ةيقرت يف ءقلاع لوصول ةطقن اهيف نوكت ءني عم مادختسا ءلاج دنن سمل اذه فصيفي
مكحتل ءدحو مامضنا ءيلمع ءانثأ.

ةيساس الابل طتم

تابل طتم

ةيلاتل ءيضاوملاب ءفرعم كيدل نوكت نأب Cisco يف صوت:

- Cisco WLC 9800 ل ءيساس ال ءفرعم
- Cisco Wave2 11AX و/أو ءلسلسل نم لوصول طاقن ءيساس ال ءفرعم
- Catalyst 9800 WLC عم لوصول ةطقن ل مامضن ال ءيلمع ءديج ءفرعم

ةمدخت سمل تانوك

ةيلاتل ءيضاوملاب تانوك ل وءجم اربل تارادصا ل دنن سمل اذه يف ءدراول تامول عم دنن سمل:

- Catalyst 9800-L WLC، Cisco IOS® XE Cupertino 17.9.3
- Catalyst C9130AXI-E لوصول ةطقن

ءصاخ ءيلمعم ءئي ب يف ءدووم ال ءزه ال نم دنن سمل اذه يف ءدراول تامول عم ءاشن ا م
تنك اذا. (يفضارتفا) حوسمم نيوكتب دنن سمل اذه يف ءمدخت سمل ءزه ال ءيمج ءأب
رمأ يال لمحت حمل ريثا ل ل كمهف نم دكأ ف، ليغش تال دي ق ك تكبش

ططخ

يف ءلصت مل (APs) لوصول طاقن ل ءه اهحال صإو ءاطخ ال فاشك تسأ قفدت قبطني
يف ءقوم يف نرمل لاصلت ال ءضو يف ءلصت مل (APs) لوصول طاقن وء ل حمل ءضو



اهحلصلو ءاطخأل فاشكسأ ططخم

مادختسالال ةلأح

فاشكسالال نم لوصولال ةطقن اهيف يهتنت ةنيعم مادختسالال ةلأح دن تسملال اذه شقان ي أشنت . ةروصلال تانايب نم ققحتلال ةلأحرم يف ةقلاع حبصت اهنكلو ةلأحرمال ال مامضنال او ةي لآلمال ةكبشلال يف مكحتلال ةدحو نيب زمرلال ةيقرت ةع فء ةجيتن ةلكشمال هذه لىل ةحاسم كرت مدع" ركذت أطف ةلاسر روهظ ال يدؤي امم ، لوصولال ةطقنو ةيكلسالال "زاهال".

ةلمتكمال لوصولال ةطقن فاشكسالال ةلأحرم أ.

Feb 13 11:11:21 kernel: [*02/13/2024 11:11:21.4662] CAPWAP State: Discovery Feb 13 11:11:21 kernel: [*02/13/2024 11:11:21.4662] CAPWAP State: Discovery

اهل مامضنال او اهؤب مت يالال DTLS دادعإ ةصاخال ةلمتكمال الال ب.

Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.0002] CAPWAP State: DTLS Setup Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6405] Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6405] CAPWAP State: Join Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6422] Sending Join request to 10.228.104.4 through port 5248 Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6454] Join Response from 10.228.104.4 Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6489] AC accepted join request with result code: 0 Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6489] Receive timer 30 Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6489] TLV ID 2216 not found Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6489] TLV-DEC-ERR-1: No proc for 2216

ةلأحرمال هذه اناثأ . ةروصلال تانايب ةلأحرم لوصولال ةطقن لآخت ، لوصولال ةي لمع مامت اءن ع . ج . ةبوحصم ، لشف يالال ، لوصولال ةطقن ال م كحتلال ةدحو نم ةروصلال ةلأحرمال ةظالم كئكمي "زاهال لىل ةحاسم كرت مل" أطفال ةلاسرب .

Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6709] CAPWAP State: Image Data

Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6712] AP image version 8.10.112.0 backup 0.0.0.0, Control
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.6712] Version does not match.
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7111] do PRECHECK, part1 is active part
Feb 13 11:11:31 upgrade: /tmp space: OK available 80268, required 40000
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7322] upgrade.sh: /tmp space: OK available 80268, required
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7326] wtpImgFileReadRequest: request ap1g6a, local /tmp/p
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7337] Image Data Request sent to 10.228.104.4, fileName [br/>Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7351] Image Data Response from 10.228.104.4
Feb 13 11:11:31 kernel: [*02/13/2024 11:11:31.7351] AC accepted join request with result code: 0
Feb 13 11:11:31 LED: State received is Dis_join_completed
Feb 13 11:11:31 LED: State received is Software_upgrade_progress
Feb 13 11:11:31 LED: LED state Changed from LED_CYCLIC_GRO_LED to LED_BLINKING_BLUE
Feb 13 11:11:45 kernel: [*02/13/2024 11:11:31.7393] <.....
Feb 13 11:11:53 kernel: [*02/13/2024 11:11:45.3443]
Feb 13 11:12:07 kernel: [*02/13/2024 11:11:53.9200]
Feb 13 11:12:16 kernel: [*02/13/2024 11:12:07.5228]Discarding msg CAPWAP_WTP
Feb 13 11:12:25 kernel: [*02/13/2024 11:12:18.7413]
Feb 13 11:12:43 kernel: [*02/13/2024 11:12:25.5137]
Feb 13 11:13:06 kernel: [*02/13/2024 11:12:43.6235]Discarding msg C
Feb 13 11:13:07 kernel: [*02/13/2024 11:13:07.0982] ...Discarding msg CAPWAP_WTP_EVENT_REQUEST(type 9)
Feb 13 11:13:07 kernel: [*02/13/2024 11:13:07.5458] Discarding msg CAPWAP_WTP_EVENT_REQUEST(type 9) in
Feb 13 11:13:07 kernel: [*02/13/2024 11:13:07.5965] Discarding msg CAPWAP_WTP_EVENT_REQUEST(type 9) in
Feb 13 11:13:09 kernel: [*02/13/2024 11:13:07.6044]
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:09.9353]> 84387840 bytes, 62742 msgs, 1195 las
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.0817] Last block stored, IsPre 0, WriteTaskId 0
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.0847] wtpProcessImageDataRequest(10): fileName ap1g6a, pr
Feb 13 11:13:21 upgrade: Start doing upgrade arg1=PREDOWNLOAD arg2= arg3= ...
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.1278] do PREDOWNLOAD, part1 is active part
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.1419] upgrade.sh: Start doing upgrade arg1=PREDOWNLOAD ar
Feb 13 11:13:21 upgrade: Using image /tmp/part.tar on axel-qca ...
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.1945] upgrade.sh: Using image /tmp/part.tar on axel-qca.
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.1947] sh: write error: No space left on device
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.1997] tar: write error: No space left on device
Feb 13 11:13:21 upgrade: ERROR: Image type mismatch. Expected:ap1g6a Got:
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.2247] upgrade.sh: ERROR: Image type mismatch. Expected:ap
Feb 13 11:13:21 upgrade: Cleanup for do_upgrade...
Feb 13 11:13:21 upgrade: /tmp/upgrade_in_progress cleaned
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.2411] upgrade.sh: Cleanup for do_upgrade...
Feb 13 11:13:21 upgrade: Cleanup tmp files ...
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.2581] upgrade.sh: /tmp/upgrade_in_progress cleaned
FebFeb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3072] capwap-upgrade script returned failure when call
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3073] Discarding msg CAPWAP_WTP_EVENT_REQUEST(type 9) in
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3074] CAPWAP SM handler: Failed to process message type 1
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3074] Failed to handle capwap control message from contro
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3074] Failed to process encrypted capwap packet 0x55aaaa2
Feb 13 11:13:21 kernel: [*02/13/2024 11:13:21.3074] Failed to send capwap message 0 to the state machin
Feb 13 11:13:22 LED: State received is Software_upgrade_fail
Feb 13 11:13:22 LED: LED state Changed from LED_BLINKING_BLUE to LED_GREEN
Feb 13 11:13:25 kernel: [*02/13/2024 11:13:25.6121] Invalid event 56 & state 10 combination.
Feb 13 11:13:25 kernel: [*02/13/2024 11:13:25.6121] Failed to handle timer message.
Feb 13 11:13:28 kernel: [*02/13/2024 11:13:28.4629] Re-Tx Count=1, Max Re-Tx Value=5, SendSeqNum=5, Num
Feb 13 11:13:28 kernel: [*02/13/2024 11:13:28.4629]
Feb 13 11:13:31 kernel: [*02/13/2024 11:13:31.3139] Re-Tx Count=2, Max Re-Tx Value=5, SendSeqNum=5, Num
Feb 13 11:13:31 kernel: [*02/13/2024 11:13:31.3139]
Feb 13 11:13:34 kernel: [*02/13/2024 11:13:34.1648] Re-Tx Count=3, Max Re-Tx Value=5, SendSeqNum=5, Num
Feb 13 11:13:34 kernel: [*02/13/2024 11:13:34.1648]
Feb 13 11:13:37 kernel: [*02/13/2024 11:13:37.0157] Re-Tx Count=4, Max Re-Tx Value=5, SendSeqNum=5, Num
Feb 13 11:13:37 kernel: [*02/13/2024 11:13:37.0157]
Feb 13 11:13:39 kernel: [*02/13/2024 11:13:39.8666] Re-Tx Count=5, Max Re-Tx Value=5, SendSeqNum=5, Num
Feb 13 11:13:39 kernel: [*02/13/2024 11:13:39.8666]
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7175] Max retransmission count exceeded, going back to DI
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7175] Dropping msg CAPWAP_ECHO_REQUEST, type = 1, len = 0

```
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7185]
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7185] CAPWAP State: DTLS Teardown
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7303] Aborting image download(0x0): Dtls cleanup, ap1g6a
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.7952] do ABORT, part1 is active part
Feb 13 11:13:42 upgrade: Cleanup tmp files ...
Feb 13 11:13:42 kernel: [*02/13/2024 11:13:42.8145] upgrade.sh: Cleanup tmp files ...
```

لحل

رمألا اذه ةجالعمل ةددعتم لولح دجوت

17.7+ ىل لىقنلا لبق حالصإلا ىلع ىوتحت ةطيسو ةروص ىل ةيقرتلاب مق ،الوأ 1. راىخال
1. 17.7+ ىل لىقننا 2. 17.3.5 ىل ةيقرتلاب عتتمت 1.

بىلطي اذهو /tmp/ =100m مچجال ،لىمحتلا ةداعإ -o لىمحت :ىوډىلا لىدبلا DE لىح 2. راىخال
رىوطتلا ةلمع ىل لوصولا

2. راىخال عم لمعلا دنع TAC عم ةدعاسم ىل لىجاتحت دقوتاراىخال اذه نم ىلمع

ةمچرتل هذه لوج

ةللأل تاي نقتل نم ةومچم مادختساب دن تسمل اذه Cisco تچرت
ملاعلاء انءمچ يف نيمدختسمل معدى وتحم مي دقتل ةيرشبل او
امك ةقيد نوك تنل ةللأل ةمچرت لصف أن ةظحال مچرئ. ةصاغل مه تغلب
Cisco يلخت. فرتحم مچرت مامدقي يتل ةيفارتحال ةمچرتل عم لالحل وه
ىل إامئاد ةوچرلاب يصوت و تامچرتل هذه ةقد نع اهتيل وئسم Cisco
Systems (رفوتم طبارل) يلصلأل يزي لچن إل دن تسمل