

# Catalyst 9800 خيرات ل عرس ل عجرم ل ل ل

## تايوت حمل

[عمدق م ل](#)

[ق ن ب](#)

[ل م ع ل](#)

[RRM](#)

[انق ل ا تاريخي غت](#)

[ل خاد ت ل ا و ا ض و ض ل ا م ي ق](#)

[ل ي غ ش ت ل ا د ي ق DCA ة م ز ر ا و خ](#)

## عمدق م ل

ة ز اف ح ة دام ل ا عم ا و ن ا ل ف ل ت خ م ن م ة ي خ ي ر ا ت ا د ا ح ا ق م ة ا ق ي ل ع د ش ر م ع ي ر س ع ج ر م ة ق ي ث و ا ذ ه ا د ا ح ا د ر س ك ن ك م ي ، 9800 م ا ظ ن ب ة ص ا خ ل ا ة ر م ت س م ل ل ل ي ج س ت ل ا ت ا ن ا ك م ا ة د ا ي ز ق ي ر ط ن ع . 9800 ل ج س ل ا ر و ط س و د ب ت ف ي ك ف ر ع ت ن ا ة ط ي ر ش ، ة م ا ت ة ل و ه س و ة ق ي ا ف ة ع ر س ب ن ي ع م ع و ن ن م ة د د ح م ل .

## ة ن ب

ع ي م ج ب ر م ي ا م ا ب ل ا غ " **show logging profile wireless** " ر م ا ل ا م ا د خ ت س ا ل و ح ة ل ا ق م ل ا ه ذ ه ر و د ت ن و د ي ت ح ، ل ي غ ش ت ل ا د ي ق ا م ا د ن و ك ت ي ت ل ا ) ة ي ك ل ل س ا ل ل ا ة ل ل ص ل ا ت ا ذ ة ي ئ ا ن ث ل ا ت ا ل ج س ل ا ( ط ش ن ل ا ا ط ا خ ا ل ا ح ي ح ص ت ل ا ك ش ا ن م ل ك ش ي ا ن ي ك م ت .

ت ا ل ج س ل ا ي ف ة ن ي ع م ة ر ت ف ي ل ا ة د و ع ل ا ب " <time period> " ر خ ا ء د ب " ح م س ي .

ت ا ن ا ي ب ل ا ب و ب ن ا م د خ ت س ت م ل ا ذ ا ة ي ف ر ط ل ا ة ط ح م ل ا ي ل ع ت ا ن ا ي ب ل ا ن م ر ي ث ك ل ل ر م ا ل ا ج ت ن ي س . ة ن ي ع م ا د ا ح ا عم ت ا ن ا ي ب ل ا ب و ب ن ا ه ا ن د ا ة ل ث م ا ل ا ع ي م ج م د خ ت س ت ب ب س ل ا ا ذ ه ل و ، ث ح ب ل ا د ي ق ت ل .

## ل م ع ل

ح ا ج ن ب م ه ت ق د ا ص م ت م ت ن ي ذ ل ا ء ا ل م ع ل ا د ر س :

```
myc9800-CL#show logging profile wireless start last 10 days | i Authentication Success
2020/09/26 16:41:21.397677 {wncd_x_R0-0}{1}: [ewlc-infra-evq] [19680]: (note): Authentication
Success. Resolved Policy bitmap:11 for client 02c0.2901.34c8 2020/09/26 17:04:33.523999
{wncd_x_R0-0}{1}: [ewlc-infra-evq] [19680]: (note): Authentication Success. Resolved Policy
bitmap:11 for client d280.eb73.6044 2020/09/26 17:21:59.892585 {wncd_x_R0-0}{1}: [ewlc-infra-
evq] [19680]: (note): Authentication Success. Resolved Policy bitmap:11 for client
02c0.2901.34c8 2020/09/26 17:32:09.289109 {wncd_x_R0-0}{1}: [ewlc-infra-evq] [19680]: (note):
Authentication Success. Resolved Policy bitmap:11 for client 02c0.2901.34c8 2020/09/26
17:41:58.123180 {wncd_x_R0-0}{1}: [ewlc-infra-evq] [19680]: (note): Authentication Success.
Resolved Policy bitmap:11 for client 64b5.c66d.13ac
```

ح ج ا ن IP ن ا و ن ع ي ل ع ا و ل ص ح ن ي ذ ل ا ء ا ل م ع ل ا د ر س :

```
myc9800-CL#show logging profile wireless start last 10 days | i IP learn successful 2020/09/26
16:41:30.621520 {wncd_x_R0-0}{1}: [client-iplearn] [19680]: (note): MAC: 02c0.2901.34c8 Client
IP learn successful. Method: DHCP IP: 192.168.1.13 2020/09/26 17:04:37.622905 {wncd_x_R0-0}{1}:
[client-iplearn] [19680]: (note): MAC: d280.eb73.6044 Client IP learn successful. Method: IP
Snooping IP: 192.168.1.36 2020/09/26 17:22:03.830465 {wncd_x_R0-0}{1}: [client-iplearn] [19680]:
(note): MAC: 02c0.2901.34c8 Client IP learn successful. Method: IP Snooping IP: 192.168.1.13
2020/09/26 17:32:09.966598 {wncd_x_R0-0}{1}: [client-iplearn] [19680]: (note): MAC:
02c0.2901.34c8 Client IP learn successful. Method: IP Snooping IP: 192.168.1.13 2020/09/26
17:33:30.236544 {wncd_x_R0-0}{1}: [client-iplearn] [19680]: (note): MAC: 3cf7.a4ae.f607 Client
IP learn successful. Method: IP Snooping IP: 192.168.1.49
```

## RRM

### ةانقلا تاريخيغت

```
9800# show logging profile wireless | include history-channel
```

```
2020/02/13 10:50:03.297 {wncd_x_R0-0}{2}: [radio-history-channel] [24955]: (note): Channel
change for AP5c83.8f6e.4250 Slot:1 Band:802.11a Previous Chan:100 Current Chan:132 chan width:
40 Reason: DCA Algorithm
```

### لخادتل او اءاضوض الل ميق

يساس ال ماظن لل اءم ان رب ع ب بت تل RRM-client-DCA تامول عم ني عت " ني عت ي لي ام ب ل ط تي  
ت: ال ج س ال ي ف تامول عم ال ا ض ر عل " r0 RRM ط ش ن ال ي ك ل س ال ال ل ك ي ه ل ل

```
9800#show logging profile wireless start last x hours| include rrm-client-dca
```

```
2020/06/26 15:44:08.636988 {wncd_x_R0-0}{1}: [rrm-client-dca] [9853]: (info): f4bd.9e38.4200
(Radio: 802.11a) Channel set request: on cell to channel 40 from 40 (width 20) to reduce co-
channel interference (noise/interference/rssi) from (-128,-128,127) to (-128,-128,127) Reason:
0x1 for slot id: 1
2020/06/26 15:44:08.640828 {wncd_x_R0-0}{1}: [rrm-client-dca] [9853]: (info): f4bd.9e38.4200
(Radio: 802.11bg) Channel set request: on cell to channel 6 from 1 (width 20) to reduce co-
channel interference (noise/interference/rssi) from (-77,-35,-35) to (-66,-58,-57) Reason: 0x4
for slot id: 0
2020/06/26 15:54:18.671638 {wncd_x_R0-0}{1}: [rrm-client-dca] [9853]: (info): f4bd.9e38.4200
(Radio: 802.11a) Channel set request: on cell to channel 40 from 40 (width 20) to reduce co-
channel interference (noise/interference/rssi) from (-128,-128,127) to (-128,-128,127) Reason:
0x1 for slot id: 1
2020/06/26 15:54:18.673055 {wncd_x_R0-0}{1}: [rrm-client-dca] [9853]: (info): f4bd.9e38.4200
(Radio: 802.11bg) Channel set request: on cell to channel 6 from 6 (width 20) to reduce co-
channel interference (noise/interference/rssi) from (-128,-128,-58) to (-128,-128,-58) Reason:
0x1 for slot id: 0
```

### ل ي غ ش تل ال دي ق DCA ة ي م ز را و خ

```
9800-17#show logging profile wireless start last boot | i Running DCA Algo
2020/02/14 16:23:09.177 {rrm_bg_R0-0}{1}: [rrm-mgr-dca] [22117]: (note): (Radio: 802.11a)
Running DCA Algorithm
```

ةمچرتل هذه لوج

ةللأل تاي نقتل نمة ومة مادختساب دن تسمل اذة Cisco تمةرت  
ملاعلاء انء مء مء نمة دختسمل معد و تمة مء دقتل ةر شبل او  
امك ةق قء نوك ت نل ةللأل ةمچرت لصف أن ةظحال مء ءرء. ةصاأل مء تءل ب  
Cisco ةلخت. فرتمة مچرت مء دقء ةل ةل ةفارتحال ةمچرتل عم لءال وه  
ىل إأمءءاد ءوچرلاب ةصوء و تامةرتل هذه ةقء نء اهءل ءوئس م Cisco  
Systems (رفوتم طبارل) ةلصلأل ةزىل ءن إءل دن تسمل