# 配置Catalyst 9800和FlexConnect OEAP拆分隧道

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### 简介

本文档介绍如何将室内接入点(AP)配置为FlexConnect Office Extend(OEAP),以及如何启用分割隧 道,以便您可以定义哪些流量可以在家庭办公室本地交换,哪些流量必须在WLC中集中交换。

### 先决条件

#### 要求

本文档中的配置假设WLC已在启用了NAT的DMZ中配置,并且AP能够从家庭办公室加入WLC。

#### 使用的组件

本文档中的信息基于以下软件和硬件版本:

- •运行Cisco IOS-XE 17.3.1软件的无线LAN控制器9800。
- Wave1 AP:1700/2700/3700 的多播地址发送一次邻居消息。
- 第2波AP:1800/2800/3800/4800和Catalyst 9100系列。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原 始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

### 概述

Cisco OfficeExtend接入点(Cisco OEAP)提供从Cisco WLC到远程位置的Cisco AP的安全通信,通 过互联网无缝地将企业WLAN扩展到员工住所。用户在家庭办公室的体验与在公司办公室的体验完 全相同。接入点和控制器之间的数据报传输层安全(DTLS)加密可确保所有通信都具有最高级别的安 全性。 FlexConnect模式下的任何室内AP都可以充当OEAP。

#### 背景信息

FlexConnect是指接入点(AP)在远程位置(例如广域网)上运行时处理无线客户端的功能。他们还可以决定来自无线客户端的流量是直接放在AP级(本地交换)网络上,还是将流量集中到9800控制器(中央交换),然后根据WLAN通过WAN发回。

有关FlexConnect的详细信息,请查看本文档了解Catalyst 9800无线控制器上的FlexConnect。

OEAP模式是FlexConnect AP中提供的选项,可允许其他功能,例如个人本地SSID用于家庭访问 ,还可提供分割隧道功能,以更大的粒度定义哪些流量必须在家庭办公室本地交换,哪些流量必须 在WLC上通过单个WLAN集中交换

### 配置

#### 网络图



#### 配置

#### 定义分割隧道的访问控制列表

步骤1.选择Configuration > Security > ACL。选择添加。

步骤2.在Add ACL Setup(添加ACL设置)对话框中,输入ACL Name(ACL名称),从ACL Type下拉列表中选择ACL类型,然后在Rules(规则)设置下,输入Sequence number(序列号 )。然后,选择Action(操作)作为permit或deny。

步骤3.从Source Type下拉列表中选择所需的源类型。

如果选择源类型作为主机,则必须输入主机名/IP。

如果选择源类型为网络,则必须指定源IP地址和源通配符掩码。

#### 在本例中,从任何主机到子网192.168.1.0/24的所有流量都集中交换(拒绝),其余所有流量都在 本地交换(允许)。

Cisco Cata	alyst 9800-CL Wireless C	ontroller	Welcome admin 🛛 🕷 🐧		Search APs and Clients Q
Q Search Menu Items	Configuration * > Security *	> ACL			
Dashboard	+ Add	Associate Interfaces			×
Monitoring	ACL Name*	HomeOffice_ACL	ACL Type	IPv4 Extended	
	Rules				
	Sequence*	1	Action	deny 🗸	
© Licensing	Source Type	any 🔻			
X Troubleshooting	Destination Type	Network 👻			
	Destination IP*	192.168.1.0	Destination Wildcard*	0.0.0.255	
	Protocol	Íp.			
	Log	Ø	DSCP	None	
	+ Add × Delete				
	Sequence ~ Action	v Source IP v Wildcard	Destination Vestination Wildcard	Protocol ~ Source ~	Destination ~ Port DSCP ~ Log ~
	⊲ ⊲ 0 ⊨ ⊨	10 🔹 items per page			No items to display
	Cancel				Apply to Device

步骤4.如果需要日志,请选中Log复选框,然后选择Add。

#### 步骤5.添加其余规则并选择Apply to Device。

🗰 Apps 🧧 My 📒 PersonalAdmin 🧧 WorkAndVac 🧧 WebMor	is 🦲 Shifts 📴 Community 📴 PS	HTTS Wir 11AX	eWLC 🚺 DNA 🔂 LAB 🚺	Home Lab 🔂 WNBU 🚺 AC 🛛 »
Cisco Catalyst 9800-CL Wirele	ss Controller	Welcome admin		Search APs and Clients Q
Q. Sharch Menu Items	urity -> ACL			
Dashboard	Associate interfaces			
Monitoring ACL Setup	HomeOffice_ACL	ACL Type	IPv4 Extended 🗸	^ •
Configuration > Rules				
Administration         >           Sequence*		Action	permit 🗸	
C Licensing Source Type	any 🔻			
Troubleshooting Destination Type	any			
Protocol	ahp 🔹			
Log	o	DSCP	None	
+ Add 🗶 D	olote			
Sequence ~	Action ~ IP Source Wildcard	Destination - Destination IP Wildcard	<ul> <li>Protocol ~</li> <li>Port</li> </ul>	Destination ~ Port DSCP ~ Log ~
O 1	leny any	192.168.1.0 0.0.0.255	ip None	None None Enabled
<b>O</b> 2	permit any	any	ip None	None None Disabled
14 4 <b>1</b> 1 14	10 🔻 items per page			1 - 2 of 2 items
Cancel				Apply to Device

将ACL策略链接到已定义的ACL

步骤1.创建新的Flex Profile。转至Configuration > Tags & Profiles > Flex。选择Add。

步骤2.输入名称并启用OEAP。另外,确保本征VLAN ID是AP交换机端口中的VLAN ID。

Cisco Catalyst 9800-0	CL Wireless Controller			Welcome admin 🖌 🐐 🖏 🖄	0 C Search Africant Chang Q 6
Configuration Dashboard Dashboard Configuration Configura	Add Flex Profiles * > Flex	ation Policy ACL VLAN HomeOffice_FlexProfile Enter Description 1 0	Umbrella Fatback Radio Shut O Flex Resilient O ARP Caching O Efficient Image Upgrade O	*	
	HTTP-Proxy IP Address CTS Policy Inline Tagging SGACL Enforcement CTS Profile Name CTS Profile Name	0.0.0.0	Office Extend AP	Search or Select •	

**注意:**启用Office-Extend模式时,链路加密也默认启用,即使在AP加入配置文件中禁用链路 加密,也无法更改。

步骤3.移至Policy ACL选项卡并选择Add。此处将ACL添加到配置文件并应用到设备。

¢	cisco	Cisco Catalyst 9800-CL	Wireless Controller	Welcome admin	*	<b>F</b>	• 3	0 0	
Q	Search Menu It	Configuration	> Tags & Profiles * > Flex						
	Dashboard	Add Flex Profile							×
(j)	Monitoring	General Local Auther	ntication Policy ACL VLA	AN Umbrella					
		ACL Name	<ul> <li>Central Web Auth</li> <li>Fi</li> </ul>	re Auth URL ~					
© I		HomeOffice_ACL	Disabled	1 - 1 of 1 items					
<b>X</b> 1		Cancel						E	Apply to Device

#### 配置无线配置文件策略和拆分MAC ACL名称

步骤1.创建WLAN配置文件。在本示例中,它使用名为HomeOffice的SSID和WPA2-PSK安全。

步骤2.创建策略配置文件。转到配置>标记>策略,并选择添加。在常规下,确保此配置文件是集中 交换的策略,如本例所示:

Cisco Catalyst 98	800-CL Wireless Co	ntroller	Welcome admin 🛛 🕷 😵	8 ¢ % 0 C S
Add F	Policy Profile			×
Gene	ral Access Policies	QOS and AVC Mobi	lity Advanced	
Dashboard	A Configuri	ng in enabled state will result in	loss of connectivity for clients associated w	with this profile.
Monitoring				
Configuration	lame*	HomeOfficePolicy	WLAN Switching Policy	
Administration	escription	Enter Description	Central Switching	
S Dicensing	itatus		Central Authentication	ENABLED
P	assive Client	DISABLED	Central DHCP	ENABLED
Troubleshooting E	ncrypted Traffic Analytics	DISABLED	Central Association	DISABLED
c	CTS Policy		Flex NAT/PAT	DISABLED
In	line Tagging	0		
s	GACL Enforcement	0		
D	efault SGT	2-65519		
00	Cancel			Apply to Device

步骤3.在Policy Profile中,转到Access Policies并定义要集中交换的流量的VLAN。客户端在分配给 此VLAN的子网中获取IP地址。

Search Menu Items		Add	× Delete	General	Access Policies	QOS and AVC	Mobility	y Advance	ed		
Dashboard		Status	Policy Profile Nam	RADIUS Pr	ofiling	o			WLAN ACL		
Monitoring >	0	0	Parent 111 11 Unity	HTTP TLV	Caching	0			IPv4 ACL	Search or Select	•
Configuration >	0	0	HomeOfficePolic	DHCP TLV	Caching	o			10-0-401	Course of Coloret	
	0	0	F	WLAN Lo	cal Profiling				IPV6 ACL	Search or Select	•
Administration >		0	Faring		•		~		URL Filters		
Licensing	14	4 1	► ► 10 •	Global Stat Classificati	te of Device on	Disable	d (1)		Pre Auth	Search or Select	•
Troubleshooting				Local Subs	criber Policy Name	Searc	h or Select	•	Post Auth	Search or Select	T
				VLAN							
				VLAN/VLA	N Group	defau	it	D.			
				Multicast V	'LAN	Enter	Multicast VLA	UN			

步骤4.要在AP上配置本地拆分隧道,您需要确保已在WLAN上启用DCHP Required。这可确保与拆分WLAN关联的客户端执行DHCP。您可以在Advanced选项卡下的Policy Profile中启用此选项。启用IPv4 DHCP Required复选框。在WLAN Flex Policy设置下,从Split MAC ACL下拉列表中选择之前创建的拆分MAC ACL。选择Apply to Device:

Cisco Cataly	st 9800-CL Wir	eless Contro	oller We	elcome admin 🛛 🖀 🌾 🖺 🐇		Search APs and Clients Q
O Search Menu Items	Configuration * >	Tags & Profil	Edit Policy Profile			×
	+ Add X	Delete:	Idle Threshold (bytes)	0	User Defined (Priva	ate) Network
Dashboard	Status v Po	licy Profile Nam	Client Exclusion Timeout (sec)	Ø 60	Status	o
Monitoring >	0 0 1-		Guest LAN Session Timeout	0	Drop Unicast	o
Configuration	0 O Ho	omeOfficePolic	DHCP		Umbrella	
ر ک) Administration			IPv4 DHCP Required	٥	Umbrella	Not Configured
C Licensing		raur-noucu-no	DHCP Server IP Address		Parameter Map	
X Troubleshooting			Show more >>>		for DNS	
			AAA Policy		DNS Traffic Redirect	IGNORE
			Allow AAA Override	Ø	WLAN Flex Policy	
			NAC State	0	VLAN Central Switch	ing Ø
			Policy Name	default-aaa-policy x	Split MAC ACL	HomeOffice_ACU x v
			Accounting List	Search or Select	Air Time Fairness I	Policies
					2.4 GHz Policy	Search or Select
					5 GHz Policy	Search or Select 👻
			ී Cancel			Update & Apply to Device

注意:Apple iOS客户端需要在DHCP提供中设置选项6(DNS),以便切分隧道工作。

#### 将WLAN映射到策略配置文件

步骤1.选择Configuration > Tags & Profiles > Tags。在Policy选项卡中,选择Add。

步骤2.输入Tag Policy的Name,在WLAN-POLICY Maps选项卡下,选择Add。

步骤3.从WLAN配置文件下拉列表中选择WLAN配置文件,然后从策略配置文件下拉列表中选择策略配置文件。选择刻度图标,然后选择应用到设备。

Cisco Cisco	Catalyst 98	300-CL Wireless Contro	ller W	elcome admin 🛛 🕋 🦄		C Search APs and	Clents Q
Q Search Manu Items	Confi	guration * > Tags & Profiles	Tags				
Dashboard	Polic	y Site RF AP					
(C) Monitoring	- L	+ Add Add Policy Tag				×	
	> o	Polic Name*	HomeOfficePolicyTag				×
	> 0	Loca Description	Enter Description				
C Licensing	0	RLA VULAN-POLI	CY Maps: 0				
X Troubleshooting		defa + Add × D	elete				1 - 5 of 5 items
		WLAN Profile		<ul> <li>Policy Profile</li> </ul>		~	
		⊲ ⊲ 0 ⊳ ⇒	10 🔻 items per page		No items	to display	
		Map WLAN and P	olicy				
		WLAN Profile*	HomeOffice	Policy Profile*	HomeOfficePolicy		
		> RLAN-POLIC	Y Maps: 0				
		Cancel				to Device	

#### 配置AP加入配置文件并与站点标记关联

步骤1.导航至Configuration > Tags & Profiles > AP Join,然后选择Add。输入名称。或者,您可以 启用SSH以允许进行故障排除,然后在不需要时禁用它。

步骤2.选择Configuration > Tags & Profiles > Tags。在"站点"选项卡中,选择"添加"。

步骤3.输入站点标签的名称,取消选中启用本地站点,然后从下拉列表中选择AP加入配置文件和弹性配置文件(之前创建)。然后应用到设备。

Cisco Cisco Cata	ilyst 9800-C	L Wireless Control	ler	Welcome admin	1 The last of the	8 0 0 0	C Search APs and Clients Q	•
Q. Search Menu Items	Configuratio	n * > Tags & Profiles '	> Tags					
Dashboard	Policy	Site RF AP						
Monitoring >	+ Add	Add Site Tag						×
Configuration	O Tiago	Name*	HomeOficeSite					
(O) Administration	O defau	Description	Enter Description					
C Licensing		AP Join Profile	HomeOfficeAP					
Troubleshooting		Fabric Control Plane N	ame					
		Enable Local Site	0					
		Cancel					Apply to Dev	vice

#### 将策略标记和站点标记附加到接入点

选项1.此选项要求您一次配置1个AP。转至Configuration > Wireless > Access Points。选择要移动

#### 到家庭办公室的AP,然后选择家庭办公室标签。选择更新并应用到设备:

Cisco Cata	lyst 9800-CL Wireless Contr	roller	Welcome admin	5000 0 0 0 0 0	Search APs and Clients Q	
Q. Search Menu Items	Configuration * > Wireless * >	Edit AP				×
Dashboard	All Access Points Number of AP(s): 1	Admin Status AP Mode Operation Status	ENABLED  Local  Registered	Boot Version IOS Version Mini IOS Version	1.1.2.4 17.3.1.9 0.0.0.0	•
Configuration >	AP Vame V Model	Fabric Status	Disabled	IP Config		
Administration	AP9120_4C.E77C C9120AXI-	LED State		CAPWAP Preferred Mode	IPv4	- 1
C Licensing	4 4 <b>1</b> ⊨ <u>10 -</u>	LED Brightness Level	8	DHCP IPv4 Address	192.168.100.29	- 1
	5 GHz Radios	CleanAir <u>NSI Key</u>		Static IP (IPv4/IPv6)		- 1
		Tags		Time Statistics		- 1
	2.4 GHz Radios	A		Up Time	0 days 5 hrs 6 mins 48 secs	- 1
	> Dual-Band Radios	lose association	n with the Controller.	Controller Association Latence	y 2 mins 41 secs	1
	> Country	Policy	HomeOfficePolicyTat +	)		
	LSC Provision	Site	TiagoOfficeSite •			- 1
		RF	default-rf-tag 👻	J		
		Cancel			Update & Apply to	Device

还建议配置主控制器,以便AP知道WLC在部署到家庭办公室后要到达的IP/名称。您可以直接编辑 AP到高可用性选项卡:

_			-
-			
-	 11.5	6 A 4	

General	Interfaces	High Availability	Inventory	BLE	ICap	Advanced			
		Name	Mana	gement IP	Address (IP	v4/IPv6)			
Primary Controller eWLC-9800-01			19	192.168.1.15					
Secondary Co	ntroller								
Tertiary Contro	oller								
AP failover pri	ority Low	•							

Cancel

选项2.此选项允许您同时配置多个AP。导航至Configuration > Wireless Setup > Advanced > Tag APs。选择之前创建的标记,然后选择应用到设备。

Cisco Catalyst 9800-CL Wireless Controller											Welcome admin							
	Seand Mena II	anna 👘	Configuration * >	Wireless Setup *	> Advance	ed		2										
			Start			Numb	Tag APa er of APs: 2	J										
٢				Tags & Prohles		Selec	ted Number of APs:	2 AP ~		AP ~	Admin -	Operation -			85 -			Hyperlocat
3			0	WLAW Profes	100	0	AP Name -	Model	AP MAC	Mode	Status	Status	Policy Tag ~	Site Tag -	Tag	Location ~	Country	Method
3			0	Policy Profile	100	0	AP3800_E1.3EB8	AP38021 K9	0027.e336.5660	Flex	Enabled	Registered	HomeOfficePolicyTag	HomeOficeS4e	if-tag	location	PT	Shared rad
en.			0	Policy Tag 🧳		0	AP9120_40.E77C	C9120AXI+ B	0064 e422.1790	Flex	Disabled	Registered	HomeOfficePolicyTag	TiagoOfficeSite	default- it-tag	default location		Dedicated (
						н	4 1 1	t0 🔹 Ilar										itarita C
×.			0	AP Join Profile				Tag APs					×					•
			0	Fiex Profile				Tags										
			0	Site Tag 🛷				Policy	HomeOffic	PolicyTa								
			0	RF Profile				Site	HomeOffice	Ste	•							
			Ľ	1				RF	default-rf-t	ag .								
			0	10-100				Changing	AP Tag(s) will cause	associated	AP(s) to recor	nnect						
				Apply	-				_		C		-					
			0	Tag APs				D Cance	•		E	Apply to Devic	•					
			Done															

### 验证

您可以通过GUI或CLI验证配置。以下是CLI中的结果配置:

```
1
ip access-list extended HomeOffice_ACL
1 deny ip any 192.168.1.0 0.0.0.255 log
2 permit ip any any log
1
wireless profile flex HomeOffice_FlexProfile
acl-policy HomeOffice_ACL
office-extend
1
wireless profile policy HomeOfficePolicy
no central association
aaa-override
flex split-mac-acl HomeOffice_ACL
flex vlan-central-switching
ipv4 dhcp required
vlan default
no shutdown
!
wireless tag site HomeOficeSite
flex-profile HomeOffice_FlexProfile
no local-site
1
wireless tag policy HomeOfficePolicyTag
wlan HomeOffice policy HomeOfficePolicy
wlan HomeOffice 5 HomeOffice
security wpa psk set-key ascii 0 xxxxxx
no security wpa akm dot1x
security wpa akm psk
no shutdown
1
ap 70db.98e1.3eb8
policy-tag HomeOfficePolicyTag
site-tag HomeOficeSite
1
ap c4f7.d54c.e77c
policy-tag HomeOfficePolicyTag
site-tag HomeOficeSite
检查AP配置:
```

eWLC-9800-01#show ap name AP3800\_E1.3EB8 config general

Gateway IP Address : 192.168.1.254 . . . SSH State : Enabled Cisco AP Location : default location Site Tag Name : HomeOficeSite RF Tag Name : default-rf-tag Policy Tag Name : HomeOfficePolicyTag AP join Profile : HomeOfficeAP Flex Profile : HomeOffice\_FlexProfile Primary Cisco Controller Name : eWLC-9800-01 Primary Cisco Controller IP Address : 192.168.1.15 AP Mode : FlexConnect AP VLAN tagging state : Disabled AP VLAN tag : 0 CAPWAP Preferred mode : IPv4 CAPWAP UDP-Lite : Not Configured AP Submode : Not Configured Office Extend Mode : Enabled

• • •

您可以直接连接到AP,也可以验证配置:

AP3800\_E1.3EB8#show ip access-lists Extended IP access list HomeOffice\_ACL 1 deny ip any 192.168.1.0 0.0.0.255 2 permit ip any any

AP3800\_E1.3EB8**#show capwap client detailrcb** SLOT 0 Config

SSID : HomeOffice
Vlan Id : 0
Status : Enabled
...
otherFlags : DHCP\_REQUIRED VLAN\_CENTRAL\_SW
...
Profile Name : HomeOffice

• • •

```
AP3800_E1.3EB8#show capwap client config
AdminState : ADMIN_ENABLED(1)
Name : AP3800_E1.3EB8
Location : default location
Primary controller name : eWLC-9800-01
Primary controller IP : 192.168.1.15
Secondary controller name : c3504-01
Secondary controller IP : 192.168.1.14
Tertiary controller name :
ssh status : Enabled
ApMode : FlexConnect
ApSubMode : Not Configured
Link-Encryption : Enabled
OfficeExtend AP : Enabled
Discovery Timer : 10
Heartbeat Timer : 30
. . .
```

以下是数据包捕获的示例,显示本地交换的流量。在此,测试是从IP为192.168.1.98的客户端对 Google DNS服务器执行"ping"操作,然后对192.168.1.254执行ping操作。您可以看到IP地址为 192.168的ICMP。1.99由于AP NAT在本地传输流量而发送到Google DNS。由于流量在DTLS隧道

#### 中进行加密,并且仅显示应用数据帧,因此没有icmp到192.168.1.254。

	*Ethernet_yellowCable															
File	Edit	View Go	Capture	Analyze Statistic	s Telepho	ny Wireles	s Tools	Help								
4		o 📘 📑		۹ 👄 🔿 🛉	4	. 0	Q 🎹									
	R imp															
No.	D	elta	Source			Destination			Leng	gth	Info					Ext Tag Number
	825	0.000000	192.168.1	L.99		8.8.8.8				74	Echo	(ping)	request	id=0x0001,	seq=13/3328	
-	831	0.018860	8.8.8.8			192.168.1.	99			74	Echo	(ping)	reply	id=0x0001,	seq=13/3328	
	916	0.991177	192.168.1	L.99		8.8.8.8				74	Echo	(ping)	request	id=0x0001,	seq=14/3584	
	920	0.018004	8.8.8.8			192.168.1.	99			74	Echo	(ping)	reply	id=0x0001,	seq=14/3584	
	951	1.009921	192.168.1	L.99		8.8.8.8				74	Echo	(ping)	request	id=0x0001,	seq=15/3840	
	954	0.017744	8.8.8.8			192.168.1.	99			74	Echo	(ping)	reply	id=0x0001,	seq=15/3840	
	1010	1.000264	192.168.1	L.99		8.8.8				74	Echo	(ping)	request	id=0x0001,	seq=16/4096	
L	1011	0.018267	8.8.8.8			192.168.1.	99			74	Echo	(ping)	reply	id=0x0001,	seq=16/4096	
2	Frame	825: 74 by	tes on wi	re (592 bits),	74 bytes	captured (	592 bits	s) on int	terface 0							
3	Tataan	et II, Src	: CISCO_e.	1:5e:06 (70:db:	1 00 D	Do), UST:	nomsoni	_/5:05:.	TO (00:20)	:44:7	5:05:1	La)				
13	> Internet Protocol Version 4, Src: 192.168.1.99, DSt: 8.8.8															

> Internet Control Message Protocol

**注意:**本地交换的流量由AP进行NAT,因为在正常情况下,客户端子网属于Office网络,而家 庭办公室的本地设备不知道如何到达客户端子网。AP使用本地家庭办公室子网中的AP IP地址 转换客户端流量。

您可以访问OEAP GUI打开浏览器并在URL中键入AP IP地址。默认凭证是admin/admin,您必须在 初始登录时更改这些凭证。



登录后,您可以访问GUI:

ahaha		NETWORK				Refresh Logout		
CISCO		EVENT_LOG DIAGNOSTICS	Here			TELEWORKER		
AP Info	Hama: Summany							
	Home: Summary							
SSID								
Client	General Information							
	AP Name	AP3800_E1.3EB8						
	AP IP Address	192.168.1.99						
	AP Mode	Proceedings of the second seco						
	AP MAC Address	70:db:98:e1:3e:08						
	AP Optime	17.3.1.0						
	WIC Info	[aWIC-9800-01][192 168 1 15]						
	CADWAD Status	Run						
	WAN Gateway Status	Good						
	and standard at							
	AP Statistics	1212120000						
	Radio	Admin Status	Chan/BW	Tx Power	Pkts In/Out			
	2.4 GHz	Enabled	1/2014	14d8m	22338/145430			
	5 GHZ	Enabled	36/40MHZ	180Bm	0/0			
	LAN Port							
	Port No	Admin Status	Port Type	Link Status	Pkts In/Out			
	1	Disabled	Local	Blocked	0/0			
	2	Disabled	Local	Blocked	0/0			
	3	Disabled	Local	Blocked	0/0			
	4	Disabled	Local	Blocked 0/0				
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您可以访问OEAP中的典型信息,如AP信息、SSID和连接的客户端:

ululu cisco	Номе	CONFIGURATION	EVENT_LOG	METWORK DIAGNOSTICS	Herb			Refresh Logout TELEWORKER
AP Info	Associatio	n						Show all
3310	Local Cline							
Client	Client MAC	15	Client IP		WLAN SSID	Radio/LAN	Association Time	Pkts In/Out
	Corporate Client MAC	Clients	Client IP		WLAN SSID	Radio/LAN	Association Time	Pkts In/Out
	98:22:EF:D4:D1:09		192.168.1.98		HomeOffice	2.4GHz	00d:00h:00m:19s	46/2
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## 相关文档

了解Catalyst 9800无线控制器上的FlexConnect

<u>FlexConnect的分割隧道</u>

在Catalyst 9800 WLC上配置OEAP和RLAN