在Cisco WLC上安排SSID可用性

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简介

本文档介绍在具有Prime基础设施(PI)的无线局域网控制器(WLC)上安排服务集标识符(SSID)可用性的步骤。

先决条件

要求

Cisco 建议您了解以下主题:

• Pl

• 使用PI配置WLC

使用的组件

本文档中的信息基于以下软件版本:

- •运行8.3.140.0的思科WLC 5508
- PI 3.1

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。

配置

要通过PI安排SSID,需要执行以下步骤:

步骤1.导航至Inventory > Network devices > Wireless LAN Controller。单击WLC名称,如图所示。



步骤2.导航至**Configuration > WLAN Configuration**。在WLAN**配置中**,从下拉**菜单**中选择计划状态 ,如图所示。根据要求配置计划任务。

figuration 2 Pevice Details	Applied/Sch	eduled Te	emplates (Configuration	Archive Image L	atest Config Audit Report				Current Co	onfigu
eatures	WL	AN Con	figuration							 Select a command Delete M(AN(a)) 	G
<							Т	otal Entries 4	2	Schedule status Mobility Anchors	-
O Search All		WLAN ID	Profile_Name	SSID	WLAN/Guest/Remote LAN	Security Policies	Admin Status	Task List		Foreign Controller Mappings	
802.11b or g or n		1	BK	вк 2	WLAN	[WPA2] [Auth(PSK)] MACFilter	Enabled	View			
Application Visibility And Control		2	Test2	Training2	WLAN	[WPA2] [Auth(802.1X)]	Enabled	N/A			
FlexConnect		3	Test_webauth	Test_webauth	WLAN	WEB-Auth	Enabled	N/A			
IPv6		4	iperf	iperf	WLAN	[WPA2] [Auth(PSK)]	Enabled	N/A			
Location							Т	otal Entries 4			
LyncSDN											
Management											
Mach											
Webli											
Netflow											
Netflow PMIP											
Netflow PMIP Ports											
Netflow PMIP Ports Properties											
Netflow PMIP Ports Properties Redundancy											
Netflow PMIP Ports Properties Redundancy Security											
Netlow PMIP Ports Properties Redundancy Security System											
Netflow PMIP Ports Properties Redundancy Security System Tunneling											
 Netflow PMIP Ports Properties Redundancy Security System Tunneling WLANs 											
Netflow Netflow PMIP Ports Properties Redundancy System Tunneling WLANs AP Groups Policy Configuration											

步骤3.启用SSID。

在此步骤中,您将看到如何启用SSID。例如,您可以看到如何安排SSID,使其在周一至周五的上 午8:00至下午7:00之间保持启用状态,并在周末从周六上午8:00保持启用状态。

任务1.选择"管理状态"为"已启用"、"从8计划时间",并选择**"每日"**单选按钮作为"重复"选项,如图所 示。

Device Details Configuration	Applied/Scheduled Templates	Configuration Archive	Image	Latest Config Audit Report		Current Configurat
Features	WLAN Schedule T Selected WLAN(s)	ask Detail : New Task				Total Entries 1
O Search All	Profile Name			SSID	Admin Status	
LyncSDN	вк			ВК	Enabled	
Management						Total Entries
Mesh						
Netflow	Schedule					
▶ PMIP	Schedule Task Nam	e Enable8AM				
Ports			-			
Properties	Admin Status	Enabled	•			
Redundancy	Schedule Time	8	+ (Hours) 0	- (Min	utes) 05/29/2018	
Security		(Current PL conver time: 2018-1	up.05 16:45:25 I	ITC)		
System	Recurrence	O No Recurrence O Daily	Weekly	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Tunneling			Oricelay			
▼ WLANs	Submit Cancel					
AP Groups	Footnotes:					
Policy Configuration	1. If selected time is elapsing	current server time, Task will be sch	eduled after 5 minu	ites from current server time.		
WLAN Configuration						
▶ mDNS						

您可以选择单选按钮"每日",或者选择"每周"并选择每周的所有天。此外,对于任何特定日每周发生的情况,请按照图中所示检查日期。

''''' Prime Infrastructure		O V Application	on Search	🐥 😣 14	root - ROOT-DOMAIN	•			
Configuration / Templates / Sch	neduled Configuration Task 🔺				00				
AP Template WLA Config Group Select	WLAN Schedule Task Detail : Enable8AM Selected WLAN(s)								
WLAN Configuration Profi	ile Name	SSID	Admin Status						
Download Software BK		вк	Enabled						
Sched So Subm Tootno 1. If se	Iule chedule Task Name Enable&AM Admin Status Enabled Schedule Time I B (Current PI server time:2018-Jun-03, 05:14:48 UTC) Recurrence No Recurrence Daily Wednes Current PI server time:2018-Jun-03, 05:14:48 UTC) Recurrence No Recurrence Daily Wednes Thursday Friday Wednes int Cancel otes: elected time is elapsing current server time, Task will be schedule after 5 minutes 1	(Minutes)) day	05/11/2018						

步骤4.禁用SSID。

在本示例屏幕截图中,SSID仅在工作日禁用,并在周末保持启用状态。

任务2.选择"管理员"状态**为"禁**用","安排时间"**为19**小时,"定期"为每周,如图所示。

evice Details Configuration	Applied/Scheduled Templates	Configuration Archive	Image	Latest Config A	Audit Report		Current Configurati
Features	WLAN Schedule T	ask Detail : New Task					
<i>∠</i> , '≣	Selected WLAN(s)						
							Total Entries 1
O Search All	Profile Name			SSID		Admin Status	
▶ LyncSDN	вк			ВК		Enabled	
Management							Total Entries 1
Mesh							
Netflow	Schedule						
▶ PMIP	Schedule Task Nam	Disable7PM					
Ports	Admin Status	Disabled	•				
Properties	Schodulo Timo		_				
Redundancy	Schedule Time	19	(Hours)	0	• (Minu	utes) 05/29/2018	
Security		(Current PI server time:2018-N	lay-29, 07:24:	54 UTC)			
System	Recurrence	No Recurrence Daily	• • Weekly	Nednordau			
Tunneling		Sunday ♥ Monday ♥ ✓ Thursday ♥ Friday ●	Saturday	veunesuay			
▼ WLANs	Submit Cancel						
AP Groups							
Policy Configuration	Footnotes:	current convertime. Their will be eeh	adulad after F m	lautos from sumont cor	uer time		
WLAN Configuration	1. If selected time is elapsing	current server ume, task will be sch	equied after 5 fr	linutes from current ser	ver ume.		
▶ mDNS							

从下拉菜单中选择SSID,计划时间,然后选择Recurence单选按钮。

验证

使用本部分可确认配置能否正常运行。

要查看或进行更改,请导航至**配置>计划配置任务**。

从左侧栏菜单中,单击WLAN Configuration并选择Schedule Task Name以打开WLAN Schedule Detail页,如图所示。

e tisco Prime Infrastruct	ure					O ▼ Application Search	🐥 😣 15 root - R	oot-domain 🏠	
↑ Configuration / Templates / Scheduled Configuration Task 🔺									
AP Template	WI	AN Configuration Sch	eduled Tas	ks			Solari a common		
Config Group	Select a comma								
WLAN Configuration	Schedule Task Name Schedule WLAN Status Controller IP Address Last Run Time Next Scheduled Run								
Download Software	Download Software Enable8AM Enabled Enable 10.106.32.223 2018-May-28, 08:00:00 UTC 2018-May-29, 08:00:00 UTC								
Disable7PM Enabled Disable 10.106.32.223 2018-May-28, 19:00:00 UTC 2018-May-29, 19:00:00 UTC									
								Total Entries 2	

在此页中,单击该任务,您可以修改计划任务的日期和时间。

故障排除

目前没有针对此配置的故障排除信息。