

## Cisco Prime Infrastructure での Cisco Mobility Express 導入の管理

Cisco Prime Infrastructure 3.01 以降は、Cisco Mobility Express 環境の複数インスタンスをモニタす るために使用できます。



• Prime への Mobility Express の追加, 2 ページ

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## Prime への Mobility Express の追加

コントローラを追加するには、次の手順を実行します。

## 手順

ステップ1 Cisco Prime にログインします。

າປານປາ cisco
Cisco Prime Infrastructure Version: 3.0 View Installed Updates
Usemame
Login
Language: English   <u>日本語</u>
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**ステップ2** [Configuration] / [Network] / [Network Devices] に移動し、[Add Device] をクリックします。

Configuration / Netw	ork / Network Devices 🔺	
Device Groups	Device Groups All Devices	
<* ≡ +	X Delete / Edit Sync Groups & Sites V Ad	dd Device Bulk Import Export Device
Q Search All All Devices (j)	Device Name A Reachability IP Address	DNS Name Device Type

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**ステップ3** Cisco Mobility Express コントローラの IP アドレスを入力します。

		General Farameters			-
General		IP Address		8	
* SNMP		O DNS Name	-		
		License Level	Full	•	0
Telnet/SSH		Credential Profile	Select	•	0
HTTP/HTTPS	•				
IPSec					

**ステップ4** SNMP パラメータを入力して、[Add] をクリックします。

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(注) Prime にデバイスを追加する前に Mobility Express コントローラの SNMP コミュニティの 文字列を設定する必要があります。

* General 🗸	Version	v2c	T	
		* SNMP Retries	2	
* SNMP		* SNMP Timeout	10	(secs)
Telnet/SSH		* SNMP Port	161	
	* Read Community	[		0
HTTP/HTTPS	* Confirm Read Community			
	Write Community			0
IPSec	Confirm Write Community			

ステップ5 デバイスが追加されると、[All Devices] リストに表示されます。

Configuration / Netwo	ork / Network Devices 🔺		
Device Groups	Device Groups All Devices		Selected 0 / Tot
←* 1 +	X Delete Z Edit Sync Groups & Sites V Add Devic	Bulk Import	Show Quick Filter
All Devices (j)	Device Name A Reacha IP Address DNS Na	ame Device Type Admin Status	Last Inventory Colle.

**ステップ6** WLAN のリストを表示するには、[Network Devices] > [Device Groups] > [Device Type] > [Wireless Controller] に移動して、手順4で追加した Mobility Express コントローラを選択します。

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/ Device Groups / Device Ty	pe / Wireless	Controller / Mol	bilityExpress 🔶				0
evice Details Configuration App	lied/Scheduled Ter	nplates Configu	uration Archive	mage Latest Config Aud	it Report		
Features	WLANS						
<'∎ \$*	WLAN ID	Profile Name	SSID	Security Policies	No. of Mobility Anchors	Admin Status	No. of Clients
▼ System	1	rtayal-me	rtayal-me	[WPA2] [Auth( PSK)]	0	Enabled	2
Summary	2	rtayal-psk	rtayal-psk	[WPA2] [Auth( PSK)]	0	Enabled	0
DHCP Statistics	3	ME-WPA2-ACS	ME-WPA2-ACS	[WPA2] [Auth( 802.1X)]	0	Enabled	0
Multicast Spanning Tree Protocol User Defined Field WLANS							

**ステップ7** AP のリストを表示するには、[Monitor]>[Wireless Technologies]>[Access Point Radios] に移動しま す。

€	Prime Ir	frastructure						O + Applicat	tion Search	+ 😣 4	9 root - R	OOT-DOMAIN
11	Monitor / Wirele	ss Technologies	/ Access Po	int Radios	Edit View 🔶							0
1								G	enerate report for s	elected APs \$	Select a report -	• • Go
												Total Entries 2
	AP Name	Ethernet MAC	IP Address	Radio	Map Location	Controller	Controller Name	Radio Client Count	Admin Status	AP Mode	Oper Status	Alarm Status
	APBC16.6514.35D5	bc:16:65:14:35:d5	172.20.229.59	802.11b/g/n	Unassigned	172.20.229.45	MobilityExpress	0	Enabled	FlexConnect	Up	
	APBC16.6514.35D5	bc:16:65:14:35:d5	172.20.229.59	802.11a/n	Unassigned	172.20.229.45	MobilityExpress	0	Enabled	FlexConnect	Up	
	APF07F.0692.CC78	f0:7f:06:92:cc:78	172.20.229.51	802.11b/g/n	Unassigned	172.20.229.45	MobilityExpress	0	Enabled	FlexConnect	Up	
												-

**ステップ8** Prime から Mobility Express の WLAN を設定するには、[Template] の下にある [Configuration] > [Feature & Technologies] に移動します。

	*	Configuration	ture			
O, Search Menu		Network Network Devices	nologies /	Access Poi	nt Radios 🗉	dir View 🔺
Dashboard	•	Wireless Technologies				
Monitor	•	Chokepoints WiFi TDOA Receivers	et MAC	IP Address	Radio	Map Locat
Configuration	۲	Access Point Radios WLAN Controller Auto Provisioning	65:14:35:d5	172.20.229.59	802.11b/g/n	Unassigne
Inventory		Templates	65:14:35:d5	172.20.229.59	802.11a/n	Unassigne
inventory		Features & Technologies	16:92:cc:78	172.20.229.51	802.11b/g/n	Unassigne
Maps	•	Shared Policy Objects	16:92:cc:78	172.20.229.51	802.11a/n/ac	Unassigne

**ステップ9** [Controller]>[WLAN]>[WLAN Configuration] に移動します。テンプレート名と**テンプレートの詳** 細を入力します。

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eiludi Prime Infrastructure		Q • Application Search	🐥 🐼 49
Configuration / Templates / For Templates	eatures & Technologies * Templates / Features and Technologies / Controller / WLANs WLAN Configuration		
	Template Basic         'Name         Description         Tags         Ø	Author root Feature Category WLAN Configuration	
<ul> <li>802.11b or g or n</li> <li>Application Visibility And Control</li> <li>CLI</li> <li>FlexConnect</li> </ul>	Validation Criteria Device Type CUWN (default)		
<ul> <li>IPv6</li> <li>Location</li> <li>LyncSDN</li> <li>Management</li> <li>Mesh</li> <li>Netflow</li> <li>PMIP</li> </ul>	General Security QoS Advanced HotSpot Scan Defer Time 100 (ms) DTIM Period® 802.11a/n (1-255) 1 (ms)	Policy Mappings MFP Version <sup>1</sup> Universal Admin Status Universal Admin Status	
<ul> <li>Security</li> <li>System</li> <li>Tunneling</li> <li>WLANs         <ul> <li>AP Groups ()</li> <li>Policy Configuration ()</li> <li>WLAN Configuration ()</li> </ul> </li> </ul>	802.11b/g/n (1-255) [*(IIIIS) mDNS Configuration ? mDNS Snooping ? Enable mDNS Profile none *	Load Balancing and Band Select Client Load Balancing  Enable Client Band Select  Enable NAC NAC State None Voice	¥
<ul> <li>mDNS</li> <li>Interfaces</li> </ul>		Media Session Snooping Enable KTS based CAC Enable	

ステップ10 [Advanced Tab] タブで、mDNS プロファイルが Mobility Express でサポートされていないため [None] に設定されていることを確認します。

Prime Infrastructure				0	<ul> <li>Application Search</li> </ul>	🐥 😣 49	root - ROOT-DOMAI
↑ Configuration / Templates / Fe	eatures & Technologies 🔺						e
Templates	Templates / Features and Technologies / Controller. WLAN Configuration	/WLANs					
← T II II	<ul> <li>Template Detail</li> </ul>						
<ul> <li>Features and Technologies</li> <li>App Visibility &amp; Control</li> </ul>	General Security QoS	Advanced I	HotSpot	Policy Mappings			
Controller  802.11	*Profile Name 🖗	pi-wlan-me					
<ul> <li>802.11a or n or ac</li> <li>802.11b or g or n</li> </ul>	Admin Status	Chable					
Application Visibility And Control     CLI     CLI	Configure Wlan Id						
HexConnect     IPv6	Security Policies	None					
Location     LyncSDN	Radio Policy  Interface Interface Group	All	۲ ۲				
Mesh Netflowr	Multicast VLAN	None Enable	۲				
PMIP     Society	BroadCast SSID	C Enable					
<ul> <li>System</li> <li>Tunneling</li> </ul>							
<ul> <li>✓ WLANs</li> <li>AB Oscillation (i)</li> </ul>							
Policy Configuration ()	Fortator						
WLAN Configuration () • mDNS	1. On Deploy, only controllers configured with Inte	erface/Interface Group -	'management	' and selected RADIUS ser	vers, LDAP servers, ACL Name v	with rules and Ingress interfa	ce will be shown.
<ul> <li>Interfaces</li> </ul>	Save as New Template Cancel						

ステップ11 テンプレートを保存するには、[Save as New Template] をクリックして、テンプレートを保存する 必要があるフォルダを選択します。

Save	Templa	ite	×
	* Folder	WLANs	•
		Save	Cancel

ステップ12 Mobility Express にテンプレートを展開するには、[Deploy] をクリックします。

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vilulu Prime Infrastructure	9						0	<ul> <li>Application Search</li> </ul>	🐥 😣 49
Configuration / Templates /	Features	s & Technolo	ogies 🔺						
Templates	Temp Tem	ates / / Feature	es and Technolo	ogies / Contr	oller / WLANs				
< * ™ 8	-	Template De	etail						
O Search All									
► Mesh		General	Security	QoS	Advanced	HotSpot	Policy Mappings		
<ul> <li>Netflow</li> </ul>									
► PMIP				Wired LAN					
<ul> <li>Security</li> </ul>			*Profi	le Name 🖓	pi-wlan-me				
<ul> <li>System</li> </ul>				*SSID	pi-wlan-me				
Tunneling			Ad	min Status	Enable				
▼ WLANs									
AP Groups (j)			Secur	ity Policies	[WPA2] [Auth( P	SK)]			
Policy Configuration (i)									
WLAN Configuration (j)	l n		R	adio Policy	All	•			
► mDNS		Interf:	ace 🗍 Interf	ace Group	management	•			
► Interfaces		- 110011	Mult		Enable				
<ul> <li>Network Analysis Module</li> </ul>			Prus	CICASE VEAN	None	•			
<ul> <li>Security</li> </ul>					Trable				
<ul> <li>WAN Optimization</li> </ul>			Broad	dCast SSID	Eliable				
CLI Templates									
<ul> <li>Composite Templates</li> </ul>									
<ul> <li>Feature Templates</li> </ul>									
My Tags									
▼ My Templates (i)									
▼ Features and Technologies (i)									
▼ Controller (j)									
▼ WLANs (j)		Footnotes:							
Template for ME ()		1. On Deploy, on	ly controllers confi	igured with In	terface/Interface Gro	oup - 'managemen	t' and selected RADIUS serv	vers, LDAP servers, ACL Name wit	h rules and Ingress int
<ul> <li>Discovered Templates (i)</li> </ul>	Sa	ve Save as	New Template	Cano	el Depl	oy			

**ステップ13** [Cisco Mobility Express Controller] を選択して、[OK] をクリックします。

Devi Devi	ce Selection ces					Ø
				Show	Quick Filter	•
	Name	Description	Туре	IP Ad	ldress/DNS	Vendor
	<ul> <li>All Devices</li> </ul>	All Members				
	▼ Device Type	Device Type				
	▼ Wireless Controller	Wireless Controller				
	► Cisco Mobility Express	Cisco Mobility Express				
	► Location	Location based groups				
	User Defined	User Defined Device Groups				

ステップ14 [Job Dashboard] に移動して、ジョブステータスを表示します。

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0	cisco Prime Infrastru	cture			O - Application Search	🐥 😣 49	root - ROOT-I	DOMA	IN K	¢
↑ Administration / Dashboards / Job Dashboard / Template for ME_1 *								(	9 C	5
Rec	urrence None cription N/A									
Sh	owing latest 5 Job instanc	es Show A	Ш				Total 1	Ø	¢ -	
						Show All		•	Y	
	Run ID 🔻	Status	Duration (hh:mm:ss)	Start Time	Completion Time					1
•	1637325 Job summary Successful de Job Results for Templa	Success eployment on 1 o ite for ME	00:00:02 levice(s).	2016-03-17 13.03	2016-03-17 13:03					
	Device		Status	Transcript						
	172.20.229.45	(j)	Success	Deploy succeeded				(	Ð	



