

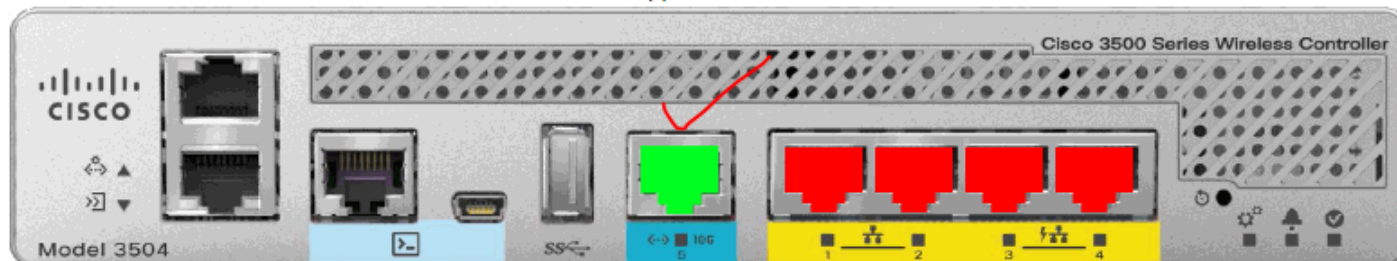
Cisco WLC 3504

Monitor
Summary

- ▶ Access Points
- ▶ Cisco CleanAir
- ▶ Statistics
- ▶ CDP
- ▶ Rogues
- Clients
- Sleeping Clients
- Multicast
- ▶ Applications
- ▶ Lync
- Local Profiling
- ▶ Cloud Services

Summary

150 Access Points Supported


Controller Summary

Management IP Address	<u>10.228.175.1</u> , ::/128
Service Port IP Address	0.0.0.0, ::/128
Software Version	<u>8.8.111.0</u>
Emergency Image Version	8.5.103.0
System Name	WLC793
Up Time	78 days, 9 hours, 17 minutes
System Time	Mon May 11 12:05:50 2020
Redundancy Mode	Disabled
Internal Temperature	+61 C
Mgig Temperature	+46 C
802.11a Network State	Enabled
802.11b/g Network State	Enabled
Local	

Rogue Summary

Active Rogue APs	221	Detail
Active Rogue Clients	78	Detail
Adhoc Rogues	0	Detail
Rogues on Wired Network	0	

Session Timeout
Top WLANs

Profile Name	# of Clients
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Most Recent Traps

- Rogue AP: a2:30:5b:e5:06:7b detected on Base Radio MAC: 74:88:bb:c6:af:60 Interface no:
- Rogue AP: 78:44:76:dd:0f:5c detected on Base Radio MAC: 74:88:bb:e3:08:e0 Interface no:
- Channel changed for Base Radio MAC: 74:88:bb:d0:ca:60 on 802.11a radio. Old Channel: 157
- Rogue client: 04:69:f8:a3:cb:b2 is detected by 1 APs Rogue Client Bssid: b8:a3:86:fe:00:f0,
- Interference Profile Updated to Pass for Base Radio MAC: 74:88:bb:c1:1d:a0 and slotNo: 1

[View All](#)

This

Access Point Summary

	Total	Up	Down	
802.11a/n/ac Radios	57	 57	 0	Detail
802.11b/g/n Radios	0	 0	 0	Detail
Dual-Band Radios	57	 57	 0	Detail
All APs	57	 57	 0	Detail

Client Summary

Current Clients	0	Detail
Excluded Clients	0	Detail
Disabled Clients	0	Detail

Monitor

802.11a/n/ac Radios

Entries 1 - 25 of 77

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Current Filter: None

[\[Change Filter\]](#) [\[Clear Filter\]](#)

AP Name	Radio Slot#	Base Radio MAC	Sub Band	Operational Status	Load Profile	Mesh Radio Role	Radio Role	Noise Profile
AP7488.BBC0.3CD6	0	74:88:bb:e2:14:60	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BBC0.3CD6	1	74:88:bb:e2:14:60	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB53.5DD6	1	74:88:bb:c1:83:00	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB39.B9CE	0	74:88:bb:88:20:e0	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BB39.B9CE	1	74:88:bb:88:20:e0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BBCE.9B2C	1	74:88:bb:d0:cb:c0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB36.2468	1	74:88:bb:8a:b6:60	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB36.230E	0	74:88:bb:8a:a0:c0	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BB36.230E	1	74:88:bb:8a:a0:c0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BBC2.EBEE	1	74:88:bb:e8:97:00	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BBC2.EB5C	0	74:88:bb:e8:8d:e0	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BBC2.EB5C	1	74:88:bb:e8:8d:e0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB68.66CA	0	74:88:bb:8f:ad:80	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BB68.66CA	1	74:88:bb:8f:ad:80	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB68.D300	1	74:88:bb:c6:7b:80	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB68.C978	1	74:88:bb:c5:e2:e0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB39.B97A	1	74:88:bb:88:1b:a0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB68.B27A	1	74:88:bb:8d:14:00	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BBC0.3002	1	74:88:bb:bf:95:80	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB68.D320	0	74:88:bb:c6:7d:80	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BB68.D320	1	74:88:bb:c6:7d:80	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BB53.51D4	0	74:88:bb:8c:1f:e0	-	UP	Passed	NA	5 GHz * (Remote)	Passed
AP7488.BB53.51D4	1	74:88:bb:8c:1f:e0	-	UP	Passed	NA	Client Serving (Remote)	Passed
AP7488.BBC0.3C86	1	74:88:bb:e2:0f:60	-	UP	Passed	NA	Client Serving (Remote)	Passed

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Monitor

802.11b/g/n Radios

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Current Filter: None

[\[Change Filter\]](#) [\[Clear Filter\]](#)

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 - Sleeping Clients
 - Multicast

AP Name	Radio Slot#	Base Radio MAC	Operational Status	Load Profile	Radio Role	Noise Profile	Interference Profile	Coverage Profile	Clear Adm Stat
AP7488.BB53.5DD6	0	74:88:bb:c1:83:00	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBCE.9B2C	0	74:88:bb:d0:cb:c0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB36.2468	0	74:88:bb:8a:b6:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC2.EBEE	0	74:88:bb:e8:97:00	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.D300	0	74:88:bb:c6:7b:80	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.C978	0	74:88:bb:c5:e2:e0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB39.B97A	0	74:88:bb:88:1b:a0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.B27A	0	74:88:bb:8d:14:00	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.3002	0	74:88:bb:bf:95:80	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.3C86	0	74:88:bb:e2:0f:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.3CF6	0	74:88:bb:e2:16:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB36.21A2	0	74:88:bb:85:c2:80	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.3D56	0	74:88:bb:e2:1c:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.2D2C	0	74:88:bb:bf:68:20	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC0.3D08	0	74:88:bb:e2:17:80	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.D626	0	74:88:bb:c6:ad:e0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.D2E2	0	74:88:bb:c6:79:a0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBCE.95F2	0	74:88:bb:d0:78:20	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BBC2.EBDE	0	74:88:bb:e8:96:00	UP	Passed	Client Serving * (Remot	Passed	Passed	Passed	Enat
AP7488.BB53.4450	0	74:88:bb:8b:45:e0	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB36.2336	0	74:88:bb:8a:a3:40	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.84B6	0	74:88:bb:e2:ea:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB53.4528	0	74:88:bb:8b:53:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat
AP7488.BB68.D63E	0	74:88:bb:c6:af:60	UP	Passed	Client Serving * (Remot	Passed	Failed	Passed	Enat



Monitor

Dual-Band Radios

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◀ 1 2 3 ▶

Current Filter: None

[\[Change Filter\]](#) [\[Clear Filter\]](#)

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- ▶ CDP
- ▶ Rogues
- Clients
- Sleeping Clients
- Multicast

AP Name	Radio Slot#	Base Radio MAC	Coverage Overlap Factor	Sensor Coverage	Suggested Mode	Operational Status	Load Profile	Radio Role	Noise Profile
AP7488.BBC0.3CD6	0	74:88:bb:e2:14:60	100 %	Unavailable	5GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB53.5DD6	0	74:88:bb:c1:83:00	7 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB39.B9CE	0	74:88:bb:88:20:e0	100 %	Unavailable	5GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBCE.9B2C	0	74:88:bb:d0:cb:c0	38 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB36.2468	0	74:88:bb:8a:b6:60	23 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB36.230E	0	74:88:bb:8a:a0:c0	100 %	Unavailable	5GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC2.EBEE	0	74:88:bb:e8:97:00	57 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC2.EB5C	0	74:88:bb:e8:8d:e0	100 %	Unavailable	5GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.66CA	0	74:88:bb:8f:ad:80	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.D300	0	74:88:bb:c6:7b:80	30 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.C978	0	74:88:bb:c5:e2:e0	73 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB39.B97A	0	74:88:bb:88:1b:a0	76 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.B27A	0	74:88:bb:8d:14:00	34 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC0.3002	0	74:88:bb:bf:95:80	42 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.D320	0	74:88:bb:c6:7d:80	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB53.51D4	0	74:88:bb:8c:1f:e0	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC0.3C86	0	74:88:bb:e2:0f:60	53 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC0.3CF6	0	74:88:bb:e2:16:60	46 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC0.3A4A	0	74:88:bb:e1:eb:a0	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB36.21A2	0	74:88:bb:85:c2:80	23 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.D670	0	74:88:bb:c6:b2:80	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB68.66CC	0	74:88:bb:8f:ad:a0	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BB53.4534	0	74:88:bb:8b:54:20	Unavailable	Unavailable	Unavailable	UP	Passed	Client Serving * (Remote)	Passed
AP7488.BBC0.3D56	0	74:88:bb:e2:1c:60	61 %	Unavailable	2.4GHz	UP	Passed	Client Serving * (Remote)	Passed

Monitor

Summary

Access Points

Radios

802.11a/n/ac

802.11b/g/n

Dual-Band Radios

Cisco CleanAir

802.11a/n/ac

Interference

Devices

Air Quality Report

802.11b/g/n

Interference

Devices

BLE Beacons

Air Quality Report

Worst Air-Quality

Report

Statistics

Controller

AP Join

Ports

RADIUS Servers

Mobility Statistics

IPv6 Neighbor Bind

Counters

PMIPv6 LMA

Statistics

Preferred Mode

Optimized Roaming


CDP

Rogues

Clients

Sleeping Clients

Controller Statistics



Octets Received	1964606237
Packets Received Without Error	571954743
Unicast Packets Received	415566787
Multicast Packets Received	90953160
Broadcast Packets Received	65434796
Receive Packets Discarded	376618
Octets Transmitted	4114802591
Packets Transmitted without Errors	379118290
Unicast Packets Transmitted	248497248
Multicast Packets Transmitted	102112
Broadcast Packets Transmitted	130518930
Transmit Packets Discarded	0
Most Address Entries Ever Used	6
Address Entries in Use	6
Maximum VLAN Entries	128
Most VLAN Entries Ever Used	1
Static VLAN Entries	1
Time Since Counters Last Cleared	78 day 9 hr 23 min 32 sec

Monitor
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Access Points
Radios

- 802.11a/n/ac
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Cisco CleanAir
802.11a/n/ac

- Interference Devices
- Air Quality Report

802.11b/g/n

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AP Join Statistics

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Current Filter:

None

[\[Change Filter\]](#) [\[Clear Filter\]](#)

Base Radio MAC	AP Name	Status	Ethernet MAC	IP Address(Ipv4/Ipv6)	Last J
74:88:bb:85:c2:80	AP7488.BB36.21A2	Joined	74:88:bb:36:21:a2	10.228.175.54	Apr 21
74:88:bb:88:1b:a0	AP7488.BB39.B97A	Joined	74:88:bb:39:b9:7a	10.228.175.31	Apr 13
74:88:bb:88:20:e0	AP7488.BB39.B9CE	Joined	74:88:bb:39:b9:ce	10.228.175.22	Mar 03
74:88:bb:88:37:00	AP7488.BB39.BB30	Joined	74:88:bb:39:bb:30	10.228.175.19	May 01
74:88:bb:8a:a0:c0	AP7488.BB36.230E	Joined	74:88:bb:36:23:0e	10.228.175.20	Mar 03
74:88:bb:8a:a3:40	AP7488.BB36.2336	Joined	74:88:bb:36:23:36	10.228.175.45	Apr 21
74:88:bb:8a:a7:a0	AP7488.BB36.237C	Joined	74:88:bb:36:23:7c	10.228.175.63	Apr 21
74:88:bb:8a:b6:60	AP7488.BB36.2468	Joined	74:88:bb:36:24:68	10.228.175.39	Mar 03
74:88:bb:8b:45:e0	AP7488.BB53.4450	Joined	74:88:bb:53:44:50	10.228.175.41	Apr 21
74:88:bb:8b:53:20	AP7488.BB53.4524	Joined	74:88:bb:53:45:24	10.228.175.14	Apr 21
74:88:bb:8b:53:60	AP7488.BB53.4528	Joined	74:88:bb:53:45:28	10.228.175.46	Apr 21
74:88:bb:8b:53:a0	AP7488.BB53.452C	Joined	74:88:bb:53:45:2c	10.228.175.52	Apr 21
74:88:bb:8b:54:20	AP7488.BB53.4534	Joined	74:88:bb:53:45:34	10.228.175.50	Apr 21
74:88:bb:8b:af:40	74:88:bb:53:4a:dc	Joined	74:88:bb:53:4a:dc	10.228.175.11	Apr 21
74:88:bb:8c:1f:e0	AP7488.BB53.51D4	Joined	74:88:bb:53:51:d4	10.228.175.18	Apr 21
74:88:bb:8d:06:c0	AP7488.BB68.B1A6	Joined	74:88:bb:68:b1:a6	10.228.175.12	May 01
74:88:bb:8d:12:00	AP7488.BB68.B25A	Joined	74:88:bb:68:b2:5a	10.228.175.27	Apr 21
74:88:bb:8d:13:20	AP7488.BB68.B26C	Joined	74:88:bb:68:b2:6c	10.228.175.13	Apr 21
74:88:bb:8d:14:00	AP7488.BB68.B27A	Joined	74:88:bb:68:b2:7a	10.228.175.29	Apr 13
74:88:bb:8f:ad:80	AP7488.BB68.66CA	Joined	74:88:bb:68:66:ca	10.228.175.43	Mar 04
74:88:bb:8f:ad:a0	AP7488.BB68.66CC	Joined	74:88:bb:68:66:cc	10.228.175.38	Apr 21
74:88:bb:a0:2a:a0	AP7488.BB68.C5DE	Joined	74:88:bb:68:c5:de	10.228.175.64	Apr 21
74:88:bb:bf:68:20	AP7488.BBC0.2D2C	Joined	74:88:bb:c0:2d:2c	10.228.175.66	Apr 21
74:88:bb:bf:95:80	AP7488.BBC0.3002	Joined	74:88:bb:c0:30:02	10.228.175.33	Apr 13
74:88:bb:c0:e1:e0	AP7488.BB14.72CE	Joined	74:88:bb:14:72:ce	10.228.175.21	Apr 21



Monitor

Ports Statistics

Port No	Admin Status	Physical Mode	Physical Status	Link Status	
1	Enable	Auto	Auto	Link Down	View Statistics
2	Enable	Auto	Auto	Link Down	View Statistics
3	Enable	Auto	Auto	Link Down	View Statistics
4	Enable	Auto	Auto	Link Down	View Statistics
5	Enable	Auto	1000 Mbps Full Duplex	Link Up	View Statistics

Summary

Access Points

- Radios
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 - 802.11b/g/n
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Cisco CleanAir

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- 802.11b/g/n
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Statistics

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CDP

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▶ CDP

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Clients

Sleeping Clients

Multicast

IPv6 Neighbor Bind Counters

Received Messages

NDP Router Solicitation	26585
NDP Router Advertisement	92764
NDP Neighbor Solicitation	2565172
NDP Neighbor Advertisement	5300
NDP Redirect	0
NDP Certificate Solicit	0
NDP Certificate Advert	0
DHCPv6 Solicitation	206
DHCPv6 Advertisement	0
DHCPv6 Request	0
DHCPv6 Reply	0
DHCPv6 Inform	0
DHCPv6 Confirm	0
DHCPv6 Renew	0
DHCPv6 Rebind	0
DHCPv6 Release	0
DHCPv6 Decline	0
DHCPv6 Reconfigure	0
DHCPv6 Relay Forward	0
DHCPv6 Relay Reply	0

Bridged Messages

NDP Router Solicitation	26585
NDP Router Advertisement	92764

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 - Air Quality Report
- ▼ 802.11b/g/n
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 - Mobility Statistics
 - IPv6 Neighbor Bind
 - Counters
 - PMIPv6 LMA
 - Statistics
 - Preferred Mode
 - Optimized Roaming
- ▼ CDP
 - Interface Neighbors
 - AP Neighbors
 - Traffic Metrics
- Rogues
- Clients
- Sleeping Clients
- Multicast

CDP > AP Neighbors > Detail

[< Back](#)

AP Name	AP7488.BBC0.3CD6
Base Radio MAC	74:88:bb:e2:14:60
AP IP Address	10.228.175.47
Local Interface	GigabitEthernet0
Neighbor Name	Switch.ntpc.edu.tw
	10.228.175.245
Neighbor Address	//
Neighbor Port	GigabitEthernet0/5
Advt Version	v2
TTL	180
Capability	Router Switch IGMP
Platform	cisco WS-C2960L-48PQ-LL
Software Version	Cisco IOS Software, C2960L Software (C2960L-UNIVERSALK9-M), Version 15.2(6)E, RELEASE SOFTWARE

WLANs

- ▼ **WLANs**
- WLANs
- ▶ **Advanced**

WLANs

Entries 1 - 75 of 221

Current Filter: None

[\[Change Filter\]](#) [\[Clear Filter\]](#)

<input type="checkbox"/>	WLAN ID	Type	Profile Name	WLAN SSID	Admin Status	Security Policies	
<input type="checkbox"/>	1	WLAN	management	management	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	2	WLAN	TANetRoaming	TANetRoaming	Enabled	Web-Auth	▼
<input type="checkbox"/>	3	WLAN	NTPC-Mobile	NTPC-Mobile	Enabled	MAC Filtering	▼
<input type="checkbox"/>	4	WLAN	eduroam	eduroam	Enabled	[WPA2][Auth(802.1X)]	▼
<input type="checkbox"/>	5	WLAN	class	class	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	6	WLAN	class101	class101	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	7	WLAN	class102	class102	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	8	WLAN	class103	class103	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	9	WLAN	class104	class104	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	10	WLAN	class105	class105	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	11	WLAN	class106	class106	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	12	WLAN	class107	class107	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	13	WLAN	class108	class108	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	14	WLAN	class109	class109	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	15	WLAN	class110	class110	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	16	WLAN	class111	class111	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	17	WLAN	class112	class112	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	18	WLAN	class113	class113	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	19	WLAN	class114	class114	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	20	WLAN	class115	class115	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	21	WLAN	class116	class116	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	22	WLAN	class117	class117	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	23	WLAN	class118	class118	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	24	WLAN	class119	class119	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	25	WLAN	class120	class120	Enabled	[WPA2][Auth(PSK)]	▼
<input type="checkbox"/>	26	WLAN	class121	class121	Enabled	[WPA2][Auth(PSK)]	▼

WLANs

- ▼ **WLANs**
 - WLANs
- ▼ **Advanced**
 - AP Groups

Ap Groups > Edit 'default-group'

General WLANs APs 802.11u Location Ports/Module Intelligent Capture			
WLAN ID	WLAN SSID ⁽²⁾ ₍₆₎	Interface/Interface Group(G)	SNMP NAC State
1	management	management	Disabled
2	TANetRoaming	v31	Disabled
3	NTPC-Mobile	v32	Disabled
4	eduroam	v33	Disabled
5	class	v34	Disabled
6	class101	v101	Disabled
7	class102	v102	Disabled
8	class103	v103	Disabled
9	class104	v104	Disabled
10	class105	v105	Disabled
11	class106	v106	Disabled
12	class107	v107	Disabled
13	class108	v108	Disabled
14	class109	v109	Disabled
15	class110	v110	Disabled
16	class111	v111	Disabled

WLANs

- ▼ WLANs
 - WLANs
- Advanced

WLANs > Edit 'TANetRoaming'

- [General](#)
[Security](#)
[QoS](#)
[Policy-Mapping](#)
[Advanced](#)

Profile Name ✓
 Type ✓ WLAN
 SSID ✓
 Status ✓ Enabled

Security Policies **Web-Auth**
 (Modifications done under security tab will appear after applying the changes.)

Radio Policy ✓
 Interface/Interface Group(G) ✓
 Multicast Vlan Feature Enabled
 Broadcast SSID Enabled
 NAS-ID

Foot Notes

- 1 Web Policy cannot be used in combination with IPsec
- 2(a) FlexConnect Local Switching is not supported with Override Interface ACLs
- 2(b) When flexconnect local authentication is enabled, irrespective of AP on connected or standalone mode the AP will act as NAS
- 2(c) When flexconnect local authentication is disabled, AP on connected mode will use WLC as NAS and AP as NAS while its on standalone mode
- 3 When client exclusion is enabled, a Timeout Value of zero means infinity (will require administrative override to reset excluded clients)
- 4 Client MFP is not active unless WPA2 is configured
- 5 Learn Client IP is configurable only when FlexConnect Local Switching is enabled
- 6 WMM and open or AES security should be enabled to support higher 11n rates
- 8 Value zero implies there is no restriction on maximum clients allowed.
- 9 MAC Filtering is not supported with FlexConnect Local authentication
- 10 MAC Filtering should be enabled.
- 11 Guest tunneling, Local switching, DHCP Required should be disabled

General **Security** **QoS** **Policy-Mapping** **Advanced****Layer 2** **Layer 3** **AAA Servers**

Layer 3 Security

Web Policy ▼ ✓

Captive Network Assistant Bypass

None ▼

 Authentication ✓ Passthrough Conditional Web Redirect Splash Page Web Redirect On MAC Filter failure¹⁰ Web policy done locally on Ap^{warning}

Preauthentication ACL

IPv4

PreAuth ▼

IPv6

None ▼

WebAuth Flex IPV4 Ac

None ▼

WebAuth Flex IPV6 Ac

None ▼

Sleeping Client EnableSleeping Client Auto Authenticate EnableOverride Global Config²⁰ Enable**VPN Pass-Through****Foot Notes**

1 Web Policy cannot be used in combination with IPsec

2(a) FlexConnect Local Switching is not supported with Override Interface ACLs

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5 Learn Client IP is configurable only when FlexConnect Local Switching is enabled

6 WMM and open or AES security should be enabled to support higher 11n rates

8 Value zero implies there is no restriction on maximum clients allowed.

9 MAC Filtering is not supported with FlexConnect Local authentication

10 MAC Filtering should be enabled.

11 Guest tunneling, Local switching, DHCP Required should be disabled

WLANs

▼ WLANs
WLANs

▶ Advanced

WLANs > Edit 'TANetRoaming'

General Security QoS Policy-Mapping Advanced

Layer 2 Layer 3 AAA Servers

Select AAA servers below to override use of default servers on this WLAN

RADIUS Servers

RADIUS Server Overwrite interface Enabled

Apply Cisco ISE Default Settings Enabled

Authentication Servers

Enabled

Accounting Servers

Enabled

Server 1	IP:203.72.154.101, Port:1812 ▼	IP:203.72.154.101, Port:1813 ▼ ✓
Server 2	IP:203.72.154.102, Port:1812 ▼	IP:203.72.154.102, Port:1813 ▼ ✓
Server 3	None ▼	None ▼
Server 4	None ▼	None ▼
Server 5	None ▼	None ▼
Server 6	None ▼	None ▼

Authorization ACA Server

Enabled

Accounting ACA Server

Enabled

Foot Notes

1 Web Policy cannot be used in combination with IPsec

2(a) FlexConnect Local Switching is not supported with Override Interface ACLs

2(b) When flexconnect local authentication is enabled, irrespective of AP on connected or standalone mode the AP will act as NAS

2(c) When flexconnect local authentication is disabled, AP on connected mode will use WLC as NAS and AP as NAS while its on standalone mode

3 When client exclusion is enabled, a Timeout Value of zero means infinity (will require administrative override to reset excluded clients)

4 Client MFP is not active unless WPA2 is configured

5 Learn Client IP is configurable only when FlexConnect Local Switching is enabled

6 WMM and open or AES security should be enabled to support higher 11n rates

8 Value zero implies there is no restriction on maximum clients allowed.

9 MAC Filtering is not supported with FlexConnect Local authentication

10 MAC Filtering should be enabled

WLANs

▼ WLANs

WLANs

► Advanced

WLANs > Edit 'NTPC-Mobile'

General

Security

QoS

Policy-Mapping

Advanced

Profile Name

Type

SSID

Status Enabled

Security Policies

MAC Filtering

(Modifications done under security tab will appear after applying the changes.)

Radio Policy

Interface/Interface Group(G)

Multicast Vlan Feature Enabled

Broadcast SSID Enabled

NAS-ID

WLANs

- ▼ **WLANs**
 - WLANs
- ▶ **Advanced**

WLANs > Edit 'NTPC-Mobile'
[< Back](#) [Apply](#)

[General](#) | [Security](#) | [QoS](#) | [Policy-Mapping](#) | [Advanced](#)

[Layer 2](#) | [Layer 3](#) | [AAA Servers](#)

Layer 2 Security ⁶

MAC Filtering⁹

Fast Transition

Fast Transition

Over the DS

Reassociation Timeout Seconds

Lobby Admin Configuration

Lobby Admin Access

Foot Notes

- 1 Web Policy cannot be used in combination with IPsec
- 2(a) FlexConnect Local Switching is not supported with Override Interface ACLs
- 2(b) When flexconnect local authentication is enabled, irrespective of AP on connected or standalone mode the AP will act as NAS
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- 6 WMM and open or AES security should be enabled to support higher 11n rates
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- 9 MAC Filtering is not supported with FlexConnect Local authentication
- 10 MAC Filtering should be enabled.

WLANs

WLANs

WLANs

Advanced

WLANs > Edit 'NTPC-Mobile'

General

Security

QoS

Policy-Mapping

Advanced

Layer 2

Layer 3

AAA Servers

Layer 3 Security

None ▼

Captive Network Assistant Bypass

None ▼

Foot Notes

1 Web Policy cannot be used in combination with IPsec

2(a) FlexConnect Local Switching is not supported with Override Interface ACLs

WLANs

- ▼ WLANs
 - WLANs
- ▶ Advanced

WLANs > Edit 'NTPC-Mobile'

General
Security
QoS
Policy-Mapping
Advanced

Layer 2
Layer 3
AAA Servers

Select AAA servers below to override use of default servers on this WLAN

RADIUS Servers

RADIUS Server Overwrite interface Enabled

Apply Cisco ISE Default Settings Enabled

	Authentication Servers	Accounting Servers
	<input checked="" type="checkbox"/> Enabled	<input checked="" type="checkbox"/> Enabled
Server 1	IP:203.72.154.101, Port:1812 ▼	IP:203.72.154.101, Port:1813 ▼
Server 2	IP:203.72.154.102, Port:1812 ▼	IP:203.72.154.102, Port:1813 ▼
Server 3	None ▼	None ▼
Server 4	None ▼	None ▼
Server 5	None ▼	None ▼
Server 6	None ▼	None ▼

Authorization ACA Server

Enabled

Accounting ACA Server

Enabled

Foot Notes

- 1 Web Policy cannot be used in combination with IPsec
- 2(a) FlexConnect Local Switching is not supported with Override Interface ACLs
- 2(b) When flexconnect local authentication is enabled, irrespective of AP on connected or standalone mode the AP will act as NAS
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- 3 When client exclusion is enabled, a Timeout Value of zero means infinity (will require administrative override to reset excluded clients)
- 4 Client MFP is not active unless WPA2 is configured
- 5 Learn Client IP is configurable only when FlexConnect Local Switching is enabled
- 6 WMM and open or AES security should be enabled to support higher 11n rates
- 8 Value zero implies there is no restriction on maximum clients allowed.
- 9 MAC Filtering is not supported with FlexConnect Local authentication
- 10 MAC Filtering should be enabled.

General Security QoS Policy-Mapping Advanced

Layer 2 Layer 3 AAA Servers

Layer 2 Security [6](#) WPA+WPA2 ▾

MAC Filtering [9](#)

Fast Transition

Fast Transition Adaptive ▾

Over the DS

Reassociation Timeout Seconds

Protected Management Frame

PMF Disabled ▾

WPA+WPA2 Parameters

WPA Policy

WPA2 Policy

WPA2 Encryption AES TKIP CCMP256 GCMP128 GCMP256

OSEN Policy

Authentication Key Management [19](#)

Foot Notes

1 Web Policy cannot be used in combination with IPsec

2(a) FlexConnect Local Switching is not supported with Override Interface ACLs

2(b) When flexconnect local authentication is enabled, irrespective of AP on connected or standalone mode the AP will act as NAS

2(c) When flexconnect local authentication is disabled, AP on connected mode will use WLC as NAS and AP as NAS while its on standalone mode

3 When client exclusion is enabled, a Timeout Value of zero means infinity (will require administrative override to reset excluded clients)

4 Client MFP is not active unless WPA2 is configured

5 Learn Client IP is configurable only when FlexConnect Local Switching is enabled

6 WMM and open or AES security should be enabled to support higher 11n rates

8 Value zero implies there is no restriction on maximum clients allowed.

9 MAC Filtering is not supported with FlexConnect Local authentication

10 MAC Filtering should be enabled.

11 QoS is not supported with FlexConnect Local authentication

Controller

General

Icons

Inventory

Interfaces

Interface Groups

Multicast

▶ Network Routes

▶ Fabric Configuration

▶ Redundancy

▶ Internal DHCP Server

▶ Mobility Management

Ports

▶ NTP

▶ CDP

▶ PMIPv6

▶ Tunneling

▶ IPv6

▶ mDNS

▶ Advanced

Lawful Interception

General

Name	<input type="text" value="WLC793"/>
802.3x Flow Control Mode	Disabled ▼
LAG Mode on next reboot	Disabled ▼ (LAG Mode is currently disabled)
Broadcast Forwarding	Disabled ▼
AP Multicast Mode	Unicast ▼
AP IPv6 Multicast Mode	Unicast ▼
AP Fallback	Enabled ▼
CAPWAP Preferred Mode	ipv4 ▼
Fast SSID change	Disabled ▼
Link Local Bridging	Disabled ▼
Default Mobility Domain Name	<input type="text" value="RF_Group"/>
RF Group Name	<input type="text" value="RF_Group"/>
User Idle Timeout (seconds)	<input type="text" value="300"/>
ARP Timeout (seconds)	<input type="text" value="300"/>
Web Radius Authentication	PAP ▼
Operating Environment	Commercial (10 to 35 C)
Internal Temp Alarm Limits	-10 to 80 C
Mgig Temp Alarm Limits	-10 to 78 C
WebAuth Proxy Redirection Mode	Disabled ▼
WebAuth Proxy Redirection Port	<input type="text" value="0"/>
Captive Network Assistant Bypass	Disabled ▼
Global IPv6 Config	Enabled ▼
Web Color Theme	Default ▼
HA SKU secondary unit	Disabled ▼
Nas-Id	<input type="text"/>
HTTP Profiling Port	<input type="text" value="80"/>

Controller
Interfaces

Entries 1 - 50 of 225

[New...](#)

Interface Name	VLAN Identifier	IP Address	Interface Type	Dynamic AP Management	IPv6 Address
management	3	10.228.175.1	Static	Enabled	::/128
redundancy-management	3	0.0.0.0	Static	Not Supported	::/128
redundancy-port	untagged	0.0.0.0	Static	Not Supported	::/128
service-port	N/A	0.0.0.0	DHCP	Disabled	::/128
v101	101	10.64.248.1	Dynamic	Disabled	::/128
v102	102	10.64.248.65	Dynamic	Disabled	::/128
v103	103	10.64.248.129	Dynamic	Disabled	::/128
v104	104	10.64.248.193	Dynamic	Disabled	::/128
v105	105	10.65.248.1	Dynamic	Disabled	::/128
v106	106	10.65.248.65	Dynamic	Disabled	::/128
v107	107	192.168.6.1	Dynamic	Disabled	::/128
v108	108	192.168.7.1	Dynamic	Disabled	::/128
v109	109	192.168.8.1	Dynamic	Disabled	::/128
v110	110	192.168.9.1	Dynamic	Disabled	::/128
v111	111	192.168.10.1	Dynamic	Disabled	::/128
v112	112	192.168.11.1	Dynamic	Disabled	::/128
v113	113	192.168.12.1	Dynamic	Disabled	::/128
v114	114	192.168.13.1	Dynamic	Disabled	::/128
v115	115	192.168.14.1	Dynamic	Disabled	::/128
v116	116	192.168.15.1	Dynamic	Disabled	::/128
v117	117	192.168.16.1	Dynamic	Disabled	::/128
v118	118	192.168.17.1	Dynamic	Disabled	::/128
v119	119	192.168.18.1	Dynamic	Disabled	::/128
v120	120	192.168.19.1	Dynamic	Disabled	::/128
v121	121	192.168.20.1	Dynamic	Disabled	::/128
v122	122	192.168.21.1	Dynamic	Disabled	::/128
v123	123	192.168.22.1	Dvnamic	Disabled	::/128

- General
- Icons
- Inventory
- Interfaces
- Interface Groups
- Multicast
- Network Routes
- Fabric Configuration
- Redundancy
- Internal DHCP Server
- Mobility Management
- Ports
- NTP
- CDP
- PMIPv6
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- Advanced
- Lawful Interception



- Controller
- General
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- Interface Groups
- Multicast
- Network Routes
 - IPv4 Routes
 - IPv6 Routes
- Fabric
- Configuration
 - Control Plane
 - Interface
 - Templates
- Redundancy
 - Global Configuration
 - Peer Network Route
- Internal DHCP Servers
 - DHCP Scope
 - DHCP Allocated Leases
- Mobility Management
- Ports

DHCP Scopes

New...

Scope Name	Address Pool	Lease Time	Status
TANetRoaming	10.211.168.11 - 10.211.168.200	1 d	Disabled <input checked="" type="checkbox"/>
management	10.228.168.230 - 10.228.168.240	1 d	Disabled <input checked="" type="checkbox"/>
NTPC-Mobile	10.213.168.11 - 10.213.168.200	1 d	Disabled <input checked="" type="checkbox"/>
eduroam	10.215.168.11 - 10.215.168.200	1 d	Disabled <input checked="" type="checkbox"/>

Wireless

Global Configuration

Apply

General

LED State Enable ▾

CDP

CDP State

Ethernet Interface#	CDP State
0	<input checked="" type="checkbox"/>
1	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>
3	<input checked="" type="checkbox"/>
4	<input checked="" type="checkbox"/>

Radio Slot#	CDP State
0	<input checked="" type="checkbox"/>
1	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>

Login Credentials

Username

Password

Enable Password

802.1x Supplicant Credentials

802.1x Authentication

AP Failover Priority

Global AP Failover Priority ▾

High Availability

AP Heartbeat Timeout(10-30) Local Mode AP Fast Heartbeat Timer State ▾FlexConnect Mode AP Fast Heartbeat Timer State ▾AP Primary Discovery Timeout(30 to 3600) AP Primed Join Timeout(120 - 43200 seconds) Back-up Primary Controller IP Address(Ipv4/Ipv6) Back-up Primary Controller name Back-up Secondary Controller IP Address(Ipv4/Ipv6) Back-up Secondary Controller name

TCP MSS

Global TCP Adjust MSS (IPv4: 536 - 1363, IPv6: 1220 - 1331)

AP Retransmit Config Parameters

AP Retransmit Count AP Retransmit Interval

OEAP Config Parameters

Disable Local Access (Applicable only for OEAP)

NOTE:

Enabling this feature could violate security policies within your organization. Please make sure you are in

Security

AAA

General

RADIUS

Authentication

Accounting

Auth Cached Users

Fallback

DNS

Downloaded AVP

TACACS+

LDAP

Local Net Users

MAC Filtering

Disabled Clients

User Login Policies

AP Policies

Password Policies

Local EAP

Advanced EAP

Priority Order

Certificate

Access Control Lists

Wireless Protection Policies

Web Auth

TrustSec

Local Policies

Umbrella

Advanced

RADIUS Authentication Servers

Apply

New

Auth Called Station ID Type

Use AES Key Wrap (Designed for FIPS customers and requires a key wrap compliant RADIUS server)

MAC Delimiter

Framed MTU

Network User	Management	Tunnel Proxy	Server Index		Server Address(Ipv4/Ipv6)	Port	IPSec	Admin Status	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	*	203.72.154.101	1812	Disabled	Enabled	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	*	203.72.154.102	1812	Disabled	Enabled	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	*	203.72.154.115	1812	Disabled	Enabled	<input checked="" type="checkbox"/>

- Accounting
- Auth Cached
- Users
- Fallback
- DNS
- Downloaded AVP

- ▶ TACACS+
- LDAP
- Local Net Users
- MAC Filtering
- ▼ Disabled Clients
- User Login Policies
- AP Policies
- Password Policies

▼ **Local EAP**

- General
- Profiles
- EAP-FAST
- Parameters
- Authentication
- Priority

Advanced EAP

▼ **Priority Order**

- Management User

▼ **Certificate**

- LSC
- SSC
- CSR

▼ **Access Control Lists**

- Access Control Lists
- CPU Access Control Lists
- ▶ FlexConnect ACLs
- Layer2 ACLs
- URL ACLs

▶ **Wireless Protection Policies**

Access Control Lists > Edit

[< Back](#)
[Add New Rule](#)

General

Access List Name: PreAuth

Deny Counters: 0

Seq	Action	Source IP/Mask	Destination IP/Mask	Protocol	Source Port	Dest Port	DSCP	Direction	Number of Hits
1	Permit	203.72.154.103 / 255.255.255.255	0.0.0.0 / 0.0.0.0	TCP	Any	Any	Any	Outbound	0
2	Permit	0.0.0.0 / 0.0.0.0	203.72.154.103 / 255.255.255.255	TCP	Any	Any	Any	Inbound	0
3	Permit	0.0.0.0 / 0.0.0.0	203.72.153.153 / 255.255.255.255	UDP	Any	DNS	Any	Any	0

Priority

Advanced EAP▼ **Priority Order**

Management User

▼ **Certificate**

LSC

SSC

CSR

▼ **Access Control Lists**

Access Control Lists

CPU Access Control

Lists

▼ **FlexConnect ACLs**

IPv4 ACL

IPv6 ACL

Layer2 ACLs

URL ACLs

▼ **Wireless Protection Policies**▼ **Rogue Policies**

General

Rogue Rules

Friendly Rogue

Standard Signatures

Custom Signatures

Signature Events

Summary

Client Exclusion

Policies

AP Authentication

Management Frame

Protection

▼ **Web Auth**

Web Login Page

Certificate

Secure Web

▶ **TrustSec****Local Policies****Web Login Page**

Web Authentication Type

External (Redirect to external server) ▼

Redirect URL after login

Login Success Page Type

Default ▼

External Webauth URL

QrCode Scanning Bypass Timer

QrCode Scanning Bypass Count

Web Authentication Certificate

Current Certificate

Name:	bsnSslWebauthCert
Type:	Locally Generated
Serial Number:	A7C897F0
Valid:	From Jun 12 00:00:01 2019 GMT Until Jun 12 00:00:01 2029 GMT
Subject Name:	C=US, O=Cisco Systems Inc., OU=DeviceSSL (WebAuth), CN=1.1.1.1
Issuer Name:	C=US, O=Cisco Systems Inc., OU=DeviceSSL (WebAuth), CN=1.1.1.1
SHA256 Fingerprint:	9c:0b:ee:b6:86:79:bb:b5:23:ad:5d:f2:b1:1a:d6:08:4a:58:e8:20:ba:1f:05:f
SHA1 Fingerprint:	c0:00:76:42:fa:9c:14:1e:ec:f2:81:3b:9c:5c:ae:27:06:ae:9a:0a

 [Download SSL Certificate *](#)

** Controller must be rebooted for the new certificate to take effect.*

- Priority
- Advanced EAP
- ▼ Priority Order
 - Management User
- ▼ Certificate
 - LSC
 - SSC
 - CSR
- ▼ Access Control Lists
 - Access Control Lists
 - CPU Access Control Lists
 - ▼ FlexConnect ACLs
 - IPv4 ACL
 - IPv6 ACL
 - Layer2 ACLs
 - URL ACLs
- ▼ Wireless Protection Policies
 - ▼ Rogue Policies
 - General
 - Rogue Rules
 - Friendly Rogue
 - Standard Signatures
 - Custom Signatures
 - Signature Events
 - Summary
 - Client Exclusion Policies
 - AP Authentication
 - Management Frame Protection
- ▼ Web Auth
 - Web Login Page
 - Certificate
 - Secure Web
- TrustSec
- Local Policies

Management

Summary

▶ SNMP

HTTP-HTTPS

IPSEC

Telnet-SSH

Serial Port

Local Management

Users

User Sessions

▶ Logs

Mgmt Via Wireless

▼ Cloud Services

Server

CMX

▼ Telemetry

▼ Network Assurance

Server

Sensor

Webhook

Intelligent Capture

▼ Software Activation

Licenses

~~License Usage~~

License Type

▼ Tech Support

System Resource

Information

Controller Crash

Core Dump

AP Crash Log

System Statistics

Dx I Cache Summary

Licenses

Adder License

License Count

License	Type	Time(expires)	RTU Count	Status
ap_count	Evaluation	12 weeks, 5 days	150	Inactive
ap_count (adder)	Permanent	No Expiry	150	Active, In-use