



Configuration Example: Custom Web Authentication with Local Authentication

The Custom Web Authentication with Local Authentication document describes how to configure a custom Web Authentication (WebAuth) with local authentication on a Wireless LAN Controller (WLC).

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Prerequisites

Before you configure and customize WebAuth, ensure your workstation:

- Has an IP address on an Open Service Set Identifier (SSID).
- Can ping and communicate with the default gateway.
- Can identify and locate the e-Domain Name Server (DNS) (**ipconfig all**)
- Can resolve names (with **nslookup**)
- Can access the internet.

Supported Platforms and Releases

The information in this document is based on the following software and hardware versions:

- Cisco Catalyst 3850 Series Switch
- Cisco Aironet 3600 Series Lightweight Access Point
- Microsoft Windows 7 Native Wireless Supplicant

**Note**

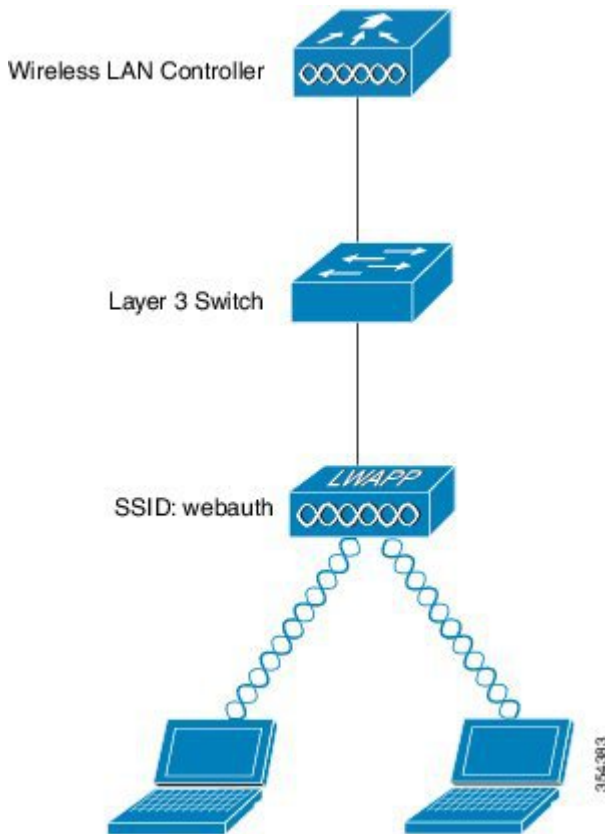
The information in this document refers to the devices in a specific lab environment. The devices have default configuration. If you are on a live network, you must understand the potential impact of all the commands

Configuring Custom Web Authentication

Network Diagram

The following figure describes the network diagram of the configuration:

Figure 1: Network Diagram



Configuring Authentication, Authorization, and Accounting

To configure Authentication, Authorization, and Accounting (AAA), use the following commands. The following commands configure the authentication and the authorization profiles such that the clients who connect are authenticated to the local WLC database:

```
aaa new-model
aaa authentication login local_webauth local
aaa authorization network default local
aaa authorization credential-download default local
```

Configuring Virtual IP address and Setting Parameter-Map

To configure the Virtual IP address on the WLC and to set the parameter type, which helps to specify the redirect URL, Login Page, Logout page, and Failure page, use the following commands:



Note Ensure that the files mentioned are available on Flash.

```
parameter-map type webauth custom
 type webauth
 timeout init-state sec 400
 custom-page login device flash:login.html
 custom-page failure device flash:failed.html
```

Configuring WLAN

To configure WLAN for Layer 3 security, use the following commands. The WLAN configuration maps the authentication list to Local_webauth and ensures that the authentication is handled by the local net users. The local authentication calls the AAA configuration configured in AAA.

```
wlan webauth 4 webauth
 client vlan 74
 no security wpa
 no security wpa akm dot1x
 no security wpa wpa2
 no security wpa wpa2 ciphers aes
 security web-auth
 security web-auth authentication-list default
 security web-auth parameter-map custom
 no shutdown
```

Configuring Globally

To configure global, use the following commands:

Ensure that HTTP or HTTPS and IP device tracking are enabled. If HTTP or HTTPS is not enabled, then you cannot access the web page

```
ip http server
ip device tracking
```

Creating Local Users

To create local users, use the following command:

```
username <username> password 0 <password>
```

Configuring FTP for File Transfer

To configure FTP for file transfer, use the following commands:

```
ip ftp username <username>
ip ftp password <password>
```

Uploading to Flash

To upload custom HTML files to Flash, use the following command:

```
Device# copy ftp: //x.x.x.x /webauth_login.html flash:
The following example describes Flash content:
```

```
Device(config)# dir flash:
Directory of flash:/
64649  -rw-      1164   Oct 7 2013 04:36:23 +00:00  webauth_failure.html
64654  -rw-      2047   Oct 7 2013 13:32:38 +00:00  webauth_login.html
64655  -rw-      1208   Oct 7 2013 04:34:12 +00:00  webauth_success.html
64656  -rw-       900   Oct 7 2013 04:35:00 +00:00  webauth_expired.html
64657  -rw-     96894   Oct 7 2013 05:05:09 +00:00  web_auth_logo.png
64658  -rw-     23037   Oct 7 2013 13:17:58 +00:00  web_auth_cisco.png
64660  -rw-      2586   Oct 7 2013 13:31:27 +00:00  web_auth_aup.html
```

Configuring WLAN using GUI

Perform the following steps to configure WLAN using GUI:

-
- Step 1** Open a browser to connect to WLAN. You will be redirected to the login page.
 - Step 2** Enter the username and password.
 - Step 3** After successful authentication, retry the original URL when prompted.
-

Sample Webauth_login HTML

The following HTML code describes the Webauth_login:



Note

For any modification or customization of the following code, contact a HTML developer. Cisco Technical Assistance Center will not help in modifying or customizing the code.

```
<HTML><HEAD>
<TITLE>Authentication Proxy Login Page</TITLE>
```

```

<script type="text/javascript">
var pxypromptwindow1;
var pxysubmitted = false;
function submitreload() {
  if (pxysubmitted == false) {
    pxypromptwindow1=window.open('', 'pxywindow1',
'resizable=no,width=350,height=350,scrollbars=yes');
    pxysubmitted = true;
    return true;
  } else {
    alert("This page cannot be submitted twice.");
    return false;
  }
}
</script>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<style type="text/css">
body {
  background-color: #ffffff;
}
</style>
</HEAD>
<BODY>
<H1></H1>
<center>
<H2> Wireless Guest Access Web Authentication</H2>
<center>
<iframe src="http: //192.168.2.91 /flash:web_auth_aup.html" width="950" height="250"
scrolling="auto"></iframe><BR><BR>

<FORM method=post action="/" target="pxywindow1">
  Username: <input type=text name=username><BR><BR>
  Password: <input type=password name=pwd><BR><BR>
  <input type=submit name=ok value=OK   onClick="return submitreload();">
</FORM><noscript>
<BR>
<UL>
  <H2><FONT COLOR="red">Warning!</FONT></H2>
  <p>JavaScript should be enabled in your Web browser
    for secure authentication</p>
  <LI>Follow the instructions of your Web browser to enable
    JavaScript if you would like to have JavaScript enabled
    for secure authentication</LI>
  <BR><OR><BR><BR>
  <LI> Follow these steps if you want to keep JavaScript
    disabled or if your browser does not support JavaScript
  <OL><BR>
    <LI> Close this Web browser window</LI>
    <LI> Click on Reload button of the original browser window</LI>
  </OL></LI>
</UL>
</noscript>
<center>
<p>&nbsp;</p>

</center>
</BODY></HTML>

```

Verifying the Custom Web Authentication with Local Authentication Configuration

Currently, there is no verification procedure available for Custom Web Authentication configuration.

Troubleshooting the Custom Web Authentication with Local Authentication Configuration Issues

Use the following example to troubleshoot configuration issues:

```

debug platform condition mac xx.yy.zz
debug platform condition start
show platform condition

request platform software trace filter-binary wireless

11/25 10:18:36.065 [ft]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Processing assoc-req
station: 48f8.b38a.flb0 AP: 5087.89be.7420 -01 thread:0xffed2f7130
11/25 10:18:36.065 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): RF profile
is NULL for default-group
11/25 10:18:36.065 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Client entry not found in the TRANS List.
11/25 10:18:36.065 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 0000.0000.0000
4045:apfCreateMobileStationEntry: Set isAvcEnabled to FALSE, New Client
11/25 10:18:36.065 [apf-mobile-state]: [21669]: UUID: 8c000000001e4, ra: 7 (debug):
48f8.b38a.flb0 Changing state for mobile 48f8.b38a.flb0 on AP 5087.89be.7420 from Idle
to Idle, Reason:IDLE CREATE

11/25 10:18:36.065 [pem-state]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Change state to START (0) last state START (0)

11/25 10:18:36.065 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
4396:apfCreateMobileStationEntry: create MSCB ctxOwnerApIp = 9.5.74.101, ApIp = 9.5.74.101
11/25 10:18:36.065 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
4405:apfCreateMobileStationEntry: create MSCB ctxOwnerApMac = 5087.89be.7420, AP Mac =
5087.89be.7420
11/25 10:18:36.065 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
4415:apfCreateMobileStationEntry: create MSCB ctxOwnerMwarIp = 9.5.74.10, MwarIp = 9.5.74.10
ctxOwnerApSlotId = 1
11/25 10:18:36.065 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Adding mobile on LWAPP AP 5087.89be.7420 (1)
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Association received from mobile on radio 1 AP 5087.89be.7420
11/25 10:18:36.066 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): RF Profile
data read: Profile count: 0 (empty)
11/25 10:18:36.066 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Profile Entry
Doesn't exist for
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Global 200 Clients are allowed to AP radio

11/25 10:18:36.066 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): RF Profile
data read: Profile count: 0 (empty)
11/25 10:18:36.066 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Profile Entry
Doesn't exist for
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Rf profile 800 Clients are allowed to AP wlan

11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
apChanged 0 wlanChanged 0 mscb ipAddr 0.0.0.0, apf RadiusOverride 0x(nil), numIPv6Addr=0
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Applying WLAN policy on MSCB.
11/25 10:18:36.066 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Applying WLAN ACL policies to client
11/25 10:18:36.066 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 No
Interface ACL used for Wireless client in WCM(NGWC)
11/25 10:18:36.066 [ap-grp]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): The name of the
interface is VLAN0074

11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Applying site-specific IPv6 override for station 48f8.b38a.flb0 - vapId 4, site
'default-group', interface 'VLAN0074'
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0

```

```
Applying local bridging Interface Policy for station 48f8.b38a.flb0 - vlan 74, interface
'VLAN0074'
11/25 10:18:36.066 [ap-grp]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): default-group
configured: no override needed

11/25 10:18:36.066 [rf-profile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): RF profile
is NULL for default-group
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
STA - rates (8): 140 18 152 36 176 72 96 108 0 0 0 0 0 0
11/25 10:18:36.066 [wps-mfp-client]: [21669]: UUID: 8c000000001e4, ra: 7 (debug):
48f8.b38a.flb0 apfProcessAssocReq MFP=0 CCX=0 vapEncr=0 status=0

11/25 10:18:36.066 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 AVC
NOT enabled on Wlan
11/25 10:18:36.066 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 AVC
not supported: Disable client AVC support
11/25 10:18:36.066 [capwap]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): Platform capability
Virtual-port is FALSE
11/25 10:18:36.066 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
new capwap_wtp_iif_id 0x80000004
11/25 10:18:36.066 [ifid_mgr]: [21669]: UUID: 8c000000001e4, ra: 7 (info): ifid alloc:
idx:[0x00000000] wcmObjId:[0x030048f8b38af1b0] mac:[48f8.b38a.flb0] major:[3] minor:[0]
reclaim:[FALSE]
11/25 10:18:36.066 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): TDL handle
0xaabd670ab0 set affinity to thread 0xff5e0ae780, pre-lock
11/25 10:18:36.066 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): TDL handle
0xaabd670ab0 set affinity to thread 0xff5e0ae780, post-lock
11/25 10:18:36.066 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): TDL handle
0xaabd670ab0 set affinity to thread 0xff5e0ae780
11/25 10:18:36.066 [ifid_mgr]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): ifid alloc
0x030048f8b38af1b0 DELETE_PENDING/REUSE record found, id 0x80000012
11/25 10:18:36.067 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Empty read cursor
list and no AOM handle. Destroying record.
11/25 10:18:36.067 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): ReplDB destroy
record: Found valid previous record intemporal list
11/25 10:18:36.067 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): ReplDB destroy
record: Destroyed a record in table (name: ifidmgr_reuse/86944351259f13d4e7132ff6c31de6fa,
id: 0, and LUID: 86944351259f13d4e7132ff6c31de6fa)
11/25 10:18:36.067 [(null)]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Record was modified.
Done resetting modified bit.
11/25 10:18:36.067 [(null)]: [21669]: UUID: 8c000000001e4, ra: 7 (info): Record was modified.
Done resetting modified bit.
11/25 10:18:36.067 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): ReplDB internal
write cursor move: Assigning GC cursor to point to record
11/25 10:18:36.067 [ifid_mgr]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): ifid alloc
0x030048f8b38af1b0 added active record 0x80000012
11/25 10:18:36.067 [tdllib]: [21669]: UUID: 8c000000001e4, ra: 7 (info): TDL handle
0xaabd670ab0 unset_affinity to thread 0xff5e0ae780
11/25 10:18:36.067 [apf-mobile]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
WLCLIENT: Client IIF Id alloc SUCCESS w/ client 0x80000012
11/25 10:18:36.067 [capwap]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): Platform capability
Virtual-port is FALSE
11/25 10:18:36.067 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 In
>= L2AUTH COMPLETE for station 48f8.b38a.flb0
11/25 10:18:36.067 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 START (0) Initializing policy
11/25 10:18:36.067 [pem-state]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Change state to AUTHCHECK (2) last state START (0)

11/25 10:18:36.067 [pem-state]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Change state to L2AUTHCOMPLETE (4) last state AUTHCHECK (2)

11/25 10:18:36.067 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 L2AUTHCOMPLETE (4) DHCP Not required on AP 5087.89be.7420 vapId 4 apVapId 4for
this client
11/25 10:18:36.067 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 Not
Using WMM Compliance code qosCap 00
11/25 10:18:36.067 [bcst-igmp]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): spamAddMobile:
num of mgid = 0

11/25 10:18:36.067 [avc]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 5087.89be.7420
13725:spamAddMobile: ctxOwnerMwarIp: 9.5.74.10. ApIp: 9.5.74.101 ApEthMac: 5087.8991.e4d4
11/25 10:18:36.067 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
```

```

0.0.0.0 L2AUTHCOMPLETE (4) Plumbed mobile LWAPP rule on AP 5087.89be.7420 vapId 4 apVapId
4
11/25 10:18:36.067 [pem-state]: [21669]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
Change state to DHCP_REQD (7) last state L2AUTHCOMPLETE (4)

11/25 10:18:36.067 [pem]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
Incrementing the Reassociation Count 1 for client (of interface VLAN0074)
11/25 10:18:36.067 [dot1x]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
apfMsAssoStateInc
11/25 10:18:36.067 [apf-mobile-state]: [21669]: UUID: 8c00000001e4, ra: 7 (debug):
48f8.b38a.flb0 Changing state for mobile 48f8.b38a.flb0 on AP 5087.89be.7420 from Idle
to Associated, Reason:ASSOC PEM ADD

11/25 10:18:36.067 [apf-lb]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
New client (policy)
11/25 10:18:36.068 [apf-mobile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
Reason code 0, Preset 4, AAA cause 1
11/25 10:18:36.068 [apf-mobile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
Scheduling deletion of Mobile Station: (callerId: 49) in 1800 seconds
11/25 10:18:36.068 [location-client]: [21668]: UUID: 8c00000001e4, ra: 7 (debug):
48f8.b38a.flb0 Client associated - stopping probe timer if running

11/25 10:18:36.068 [apf-mobile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
Ms Timeout = 1800, Session Timeout = 1800

11/25 10:18:36.068 [wips]: [21669]: UUID: 8c00000001e4, ra: 7 (info): WIPS Auto-Immune
Get returned 0
11/25 10:18:36.068 [ft]: [21669]: UUID: 8c00000001e4, ra: 7 (info): Sending assoc-resp
station: 48f8.b38a.flb0 AP: 5087.89be.7420 -01 thread:0xffed2f7130
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): RF profile
is NULL for default-group
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[12] index: 0 State: 2 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[18] index: 1 State: 1 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[24] index: 2 State: 2 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[36] index: 3 State: 1 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[48] index: 4 State: 2 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[72] index: 5 State: 1 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[96] index: 6 State: 1 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [rf-profile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): From global
config: Applying Rate:[108] index: 7 State: 1 Configs On Slot: 1On AP: 50:87:89:be:74:20
11/25 10:18:36.068 [dtls]: [21669]: UUID: 8c00000001e4, ra: 7 (debug):
openssl_dtls_connection_find_using_link_info: DTLS connection find with Local 9.5.74.10:5247
Peer 9.5.74.101:7759

11/25 10:18:36.068 [dtls]: [21669]: UUID: 8c00000001e4, ra: 7 (info): Cannot find DTLS
connection handle 9.5.74.101:7759 from hash

11/25 10:18:36.068 [capwap]: [21669]: UUID: 8c00000001e4, ra: 7 (debug): DTLS Connection
not found for 9.5.74.101:7759

11/25 10:18:36.068 [apf-mobile]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
Sending Assoc Response to station on BSSID 5087.89be.7420 (status 0) ApVapId 4 Slot 1
11/25 10:18:36.068 [apf-mobile-state]: [21669]: UUID: 8c00000001e4, ra: 7 (debug):
48f8.b38a.flb0 Changing state for mobile 48f8.b38a.flb0 on AP 5087.89be.7420 from
Associated to Associated, Reason:ASSOC TIME

11/25 10:18:36.068 [location-client]: [21669]: UUID: 8c00000001e4, ra: 7 (debug):
48f8.b38a.flb0 802 new client 48f8.b38a.flb0

11/25 10:18:36.068 [mob-handoff]: [21669]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
Mobility query: PEM State: DHCP_REQD, apfMmState=apfMsMmInitial apfMmRole=Unassoc
11/25 10:18:36.068 [location-client]: [21668]: UUID: 8c00000001e4, ra: 7 (debug):
48f8.b38a.flb0 Client associated - stopping probe timer if running

11/25 10:18:36.068 [pem]: [21669]: UUID: 8c00000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) MOBILITY-INCOMPLETE with state 7.

```



```
11/25 10:18:36.068 [mob-handoff]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
mmMaRxAssocReq:6696 MA FSM event MM_MAFSM_EV_FULLL_AUTH: state Init ->
Init_Wait_Announce_Response
11/25 10:18:36.068 [pem]: [21669]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) MOBILITY-INCOMPLETE with state 7.

11/25 10:18:36.069 [sim-cs]: [21669]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [sim-cs]: [21669]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [mob-handoff]: [21669]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] to 9.5.74.10:16666
11/25 10:18:36.069 [snmp-trap]: [21669]: UUID: 8c000000001e4, ra: 7 (debug):
80211ClientAssociationTrap called
11/25 10:18:36.069 [mob-handoff]: [22238]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] from 9.5.74.10:16666
11/25 10:18:36.069 [cond_debug]: [22238]: UUID: 8c000000001e4, ra: 7 (info): Search
condition: ft_id 43, cond: type 16, fmt 2, id: 0x48f8b38a, name: H□□□□
11/25 10:18:36.069 [cond_debug]: [22238]: UUID: 8c000000001e4, ra: 7 (info): Condition
found
11/25 10:18:36.069 [qos]: [21632]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 [QOS]
%: Skipped Add Mobile QoS Thinbind Payld for STA
11/25 10:18:36.069 [wcm]: [22238]: UUID: 8c000000001e5, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:36.069 [mob-handoff]: [22238]: UUID: 8c000000001e5, ra: 7 (debug): 48f8.b38a.flb0
Mobile announce received, sender IP addr 9.5.74.10

11/25 10:18:36.069 [dtls]: [21632]: UUID: 8c000000001e4, ra: 7 (debug):
openssl_dtls_connection_find_using_link_info: DTLS connection find with Local 9.5.74.10:5246
Peer 9.5.74.101:7759

11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [dtls]: [21632]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
DTLS connection found! Acquiring lock for 0xffed6f8378
11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [mob-handoff]: [22238]: UUID: 8c000000001e5, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MC->MC] to 9.5.79.10:16666
11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [dtls]: [21632]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
Releasing lock for 0xffed6f8378
11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [mob-dtls]: [22238]: UUID: 8c000000001e5, ra: 7 (info):
mmEncryptAndSendFragMsg:254 hdrLen 8 dataLen 200
11/25 10:18:36.069 [spam]: [21632]: UUID: 8c000000001e4, ra: 7 (info): 5087.89be.7420
Successful transmission of LWAPP Add-Mobile to AP 5087.89be.7420
11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.069 [cac]: [21632]: UUID: 8c000000001e4, ra: 7 (info): In ADD_MOBILE snooping
spam_status callSnoop = 0 vapid 4
11/25 10:18:36.069 [mob-dtls]: [22238]: UUID: 8c000000001e5, ra: 7 (info):
mm_dtls2_process_snd_msg:933 hdrLen 8, DataLen 200
11/25 10:18:36.069 [mob-dtls]: [22238]: UUID: 8c000000001e5, ra: 7 (info):
dtls2_encrypt_and_send:1731 keys plumbed, forwarding to the DTLS engine, hdrLen 8 len 200
flags 0x3
11/25 10:18:36.069 [mob-dtls]: [22238]: UUID: 8c000000001e5, ra: 7 (info):
mm_dtls2_send_callback:141 hdrLen 8 length 200 flag 3
11/25 10:18:36.069 [mob-dtls]: [22238]: UUID: 8c000000001e5, ra: 7 (info):
mmUdpSendMsgFromDtls:226 is not Encrypted enabled hdrLen 8 dataLen 200
11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c000000001e5, ra: 7 (info): System IP addr :
9.5.74.10, VLAN ID: 74
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11/25 10:18:36.069 [sim-cs]: [22238]: UUID: 8c00000001e5, ra: 7 (info): System IP addr :
9.5.74.10, IIF ID: 0x2a

11/25 10:18:36.069 [mob-ka]: [22238]: UUID: 8c00000001e5, ra: 7 (debug): MM packet to
9.5.79.10 :16666 with VLAN: 74, src_if_id: 0x2a
11/25 10:18:36.070 [mob-handoff]: [22238]: UUID: 8c00000001e5, ra: 7 (debug): Mobile
announce from MA and Client entry not found, groupcasted to peer MC's

11/25 10:18:36.071 [wcm]: [22238]: UUID: 8c00000001e6, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:36.950 [mob-handoff]: [21621]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] to 9.5.74.10:16666
11/25 10:18:36.950 [mob-handoff]: [21621]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
Mobile Announce retry1 to IP: 9.5.74.10 Peer IP: 0.0.0.0, Anchor IP: 0.0.0.0
11/25 10:18:36.950 [mob-handoff]: [22238]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] from 9.5.74.10:16666
11/25 10:18:36.950 [cond_debug]: [22238]: UUID: 8c00000001e4, ra: 7 (info): Search
condition: ft_id 43, cond: type 16, fmt 2, id: 0x48f8b38a, name: H□□□□
11/25 10:18:36.950 [cond_debug]: [22238]: UUID: 8c00000001e4, ra: 7 (info): Condition
found
11/25 10:18:36.950 [wcm]: [22238]: UUID: 8c00000001e7, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:36.950 [mob-handoff]: [22238]: UUID: 8c00000001e7, ra: 7 (debug): 48f8.b38a.flb0
Mobile announce received, sender IP addr 9.5.74.10

11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.951 [mob-handoff]: [22238]: UUID: 8c00000001e7, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MC->MC] to 9.5.79.10:16666
11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.951 [mob-dtls]: [22238]: UUID: 8c00000001e7, ra: 7 (info):
mmEncryptAndSendFragMsg:254 hdrLen 8 dataLen 200
11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:36.951 [mob-dtls]: [22238]: UUID: 8c00000001e7, ra: 7 (info):
mm_dtls2_process_snd_msg:933 hdrLen 8, DataLen 200
11/25 10:18:36.951 [mob-dtls]: [22238]: UUID: 8c00000001e7, ra: 7 (info):
dtls2_encrypt_and_send:1731 keys plumbed, forwarding to the DTLS engine, hdrLen 8 len 200
flags 0x3
11/25 10:18:36.951 [mob-dtls]: [22238]: UUID: 8c00000001e7, ra: 7 (info):
mm_dtls2_send_callback:141 hdrLen 8 length 200 flag 3
11/25 10:18:36.951 [mob-dtls]: [22238]: UUID: 8c00000001e7, ra: 7 (info):
mmUdpSendMsgFromDtls:226 is not Encrypted enabled hdrLen 8 dataLen 200
11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10, VLAN ID: 74

11/25 10:18:36.951 [sim-cs]: [22238]: UUID: 8c00000001e7, ra: 7 (info): System IP addr :
9.5.74.10, IIF ID: 0x2a

11/25 10:18:36.951 [mob-ka]: [22238]: UUID: 8c00000001e7, ra: 7 (debug): MM packet to
9.5.79.10 :16666 with VLAN: 74, src_if_id: 0x2a
11/25 10:18:36.951 [mob-handoff]: [22238]: UUID: 8c00000001e7, ra: 7 (debug): Mobile
announce from MA and Client entry not found, groupcasted to peer MC's

11/25 10:18:36.952 [wcm]: [22238]: UUID: 8c00000001e8, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:37.942 [mob-handoff]: [21621]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] to 9.5.74.10:16666
11/25 10:18:37.942 [mob-handoff]: [21621]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
Mobile Announce retry2 to IP: 9.5.74.10 Peer IP: 0.0.0.0, Anchor IP: 0.0.0.0
11/25 10:18:37.942 [mob-handoff]: [22238]: UUID: 8c00000001e4, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MA->MC] from 9.5.74.10:16666
11/25 10:18:37.942 [cond_debug]: [22238]: UUID: 8c00000001e4, ra: 7 (info): Search

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condition: ft id 43, cond: type 16, fmt 2, id: 0x48f8b38a, name: H□□□□
11/25 10:18:37.942 [cond_debug]: [22238]: UUID: 8c000000001e4, ra: 7 (info): Condition
found
11/25 10:18:37.942 [wcm]: [22238]: UUID: 8c000000001e9, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:37.942 [mob-handoff]: [22238]: UUID: 8c000000001e9, ra: 7 (debug): 48f8.b38a.flb0
Mobile announce received, sender IP addr 9.5.74.10

11/25 10:18:37.942 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:37.942 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:37.942 [mob-handoff]: [22238]: UUID: 8c000000001e9, ra: 7 (debug): 48f8.b38a.flb0
[1691: Mobile Announce MC->MC] to 9.5.79.10:16666
11/25 10:18:37.942 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:37.942 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:37.943 [mob-dtls]: [22238]: UUID: 8c000000001e9, ra: 7 (info):
mmEncryptAndSendFragMsg:254 hdrLen 8 dataLen 200
11/25 10:18:37.943 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:37.943 [mob-dtls]: [22238]: UUID: 8c000000001e9, ra: 7 (info):
mm dtls2_process_snd_msg:933 hdrLen 8, DataLen 200
11/25 10:18:37.943 [mob-dtls]: [22238]: UUID: 8c000000001e9, ra: 7 (info):
dtls2_encrypt_and_send:1731 keys plumbed, forwarding to the DTLS engine, hdrLen 8 len 200
flags 0x3
11/25 10:18:37.943 [mob-dtls]: [22238]: UUID: 8c000000001e9, ra: 7 (info):
mm dtls2_send callback:141 hdrLen 8 length 200 flag 3
11/25 10:18:37.943 [mob-dtls]: [22238]: UUID: 8c000000001e9, ra: 7 (info):
mmUdpSendMsgFromDtls:226 is not Encrypted enabled hdrLen 8 dataLen 200
11/25 10:18:37.943 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10, VLAN ID: 74

11/25 10:18:37.943 [sim-cs]: [22238]: UUID: 8c000000001e9, ra: 7 (info): System IP addr :
9.5.74.10, IIF ID: 0x2a

11/25 10:18:37.943 [mob-ka]: [22238]: UUID: 8c000000001e9, ra: 7 (debug): MM packet to
9.5.79.10 :16666 with VLAN: 74, src if id: 0x2a
11/25 10:18:37.943 [mob-handoff]: [22238]: UUID: 8c000000001e9, ra: 7 (debug): Mobile
announce from MA and Client entry not found, groupcasted to peer MC's

11/25 10:18:37.944 [wcm]: [22238]: UUID: 8c000000001ea, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:38.207 [mgmt_infra]: [17333]: UUID: 0, ra: 0 (ERR): Failed to get values
11/25 10:18:38.934 [mob-handoff]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
ma_process_mc_announce_nak:749 MA FSM event MM_MAFSM_EV_MA_NAK_FROM_MC_OR_MAX_RETX_TIMEOUT:
state Init Wait Announce Response -> Local
11/25 10:18:38.934 [sim-cs]: [21621]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.934 [sim-cs]: [21621]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.934 [mob-handoff]: [21621]: UUID: 8c000000001e4, ra: 7 (debug):
48f8.b38a.flb0 0.0.0.0 DHCP_REQD (7) mobility role update request from Unassociated to
Local
Peer = 0.0.0.0, Old Anchor = 0.0.0.0, New Anchor = 9.5.74.10
11/25 10:18:38.934 [ipv6]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
pemUpdateIpv6FwdTbl: vlan = 74, STA mac = 48f8.b38a.flb0 role=Local, oldRole=Unassociated
11/25 10:18:38.934 [ipv6]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
pemUpdateIpv6FwdTbl: Add the client to the IPv6 MGID table, vlan=74, bridgeDomain=0 role=Local
11/25 10:18:38.934 [mob-handoff]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Client did an initial full auth

11/25 10:18:38.934 [pem]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) pemAdvanceState2: MOBILITY-COMPLETE with state 7.

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11/25 10:18:38.934 [ipv6]: [21695]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
Receive IPV6_MSG_MGID_CLIENT_ADD event, vlanId = 74, bridgeDomain 0
11/25 10:18:38.934 [ipv6]: [21695]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0 IPv6:
client is not found in the RA table
11/25 10:18:38.934 [apf-mobile-state]: [21621]: UUID: 8c000000001e4, ra: 7 (debug):
48f8.b38a.f1b0 Changing state for mobile 48f8.b38a.f1b0 on AP 5087.89be.7420 from
Associated to Associated, Reason:Mobility Complete

11/25 10:18:38.934 [ipv6]: [21695]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
ipv6AddClientMgidTbl: send IPv6 mgid-join message to AP=5087.89be.7420, mgid=16383, slotId=1,
vapId=4
11/25 10:18:38.934 [pem]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
0.0.0.0 DHCP_REQD (7) State Update from Mobility-Incomplete to Mobility-Complete, mobility
role=Local, client state=APF_MS_STATE_ASSOCIATED
11/25 10:18:38.934 [ipv6]: [21695]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
sendMgidInfoMsgToSpam: numofmgid=1, mgid=16383
11/25 10:18:38.934 [wcm]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): AAA-Proxy attr list
alloc: Created attribute list = (450000B7)
11/25 10:18:38.934 [ipv6]: [21695]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
ipv6AddClientMgidTbl: Add the client in the MGID table, vlan=74, BridgeDomain=0
11/25 10:18:38.934 [smrcl]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): EEDGE-RCL: Session
start event
11/25 10:18:38.934 [bcast-igmp]: [21631]: UUID: 8c000000001e4, ra: 7 (debug):
spamLradSendMgidInfo: ap = 5087.89be.7420 slotId = 1, apVapId = 4, numOfMgid = 1 mc2ucflag
= 1, qos = 3

11/25 10:18:38.935 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug):
openssl_dtls_connection_find_using_link_info: DTLS connection find with Local 9.5.74.10:5246
Peer 9.5.74.101:7759

11/25 10:18:38.935 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
DTLS connection found! Acquiring lock for 0xffed6f8378
11/25 10:18:38.935 [tdllib]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): marshal: set
uuid 8c000000001e4, ra 7
11/25 10:18:38.935 [wcm]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): AAA-Proxy attr list
free: Freed attribute list = (450000B7).
11/25 10:18:38.935 [pem]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0 SANET
session start initiated with trusted flag: 0
11/25 10:18:38.935 [pem]: [21621]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.f1b0
WEBAUTH: Session with SMD successfully created
11/25 10:18:38.935 [mob-handoff]: [21621]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.f1b0
Mobility Response: IP 0.0.0.0 code MA Handoff (7), reason Unknown (7), PEM State DHCP_REQD,
Role Local(1)
11/25 10:18:38.935 [sim-cs]: [21621]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.935 [sim-cs]: [21621]: UUID: 8c000000001e4, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.935 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
Releasing lock for 0xffed6f8378
11/25 10:18:38.935 [cond_debug]: [22238]: UUID: 8c000000001e4, ra: 7 (info): Condition
found
11/25 10:18:38.935 [wcm]: [22238]: UUID: 8c000000001eb, ra: 7 (appctx): mac
48:f8:b3:8a:f1:b0
11/25 10:18:38.935 [sim-cs]: [22238]: UUID: 8c000000001eb, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.935 [mob-handoff]: [22238]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.f1b0
Handoff Complete msg for Client(Ip: 0.0.0.0 roam-type: None)Sender(Ip: 9.5.74.10 Type: 1)
Anchor(Ip: 0.0.0.0 MC : 0.0.0.0)Foreign(Ip : 0.0.0.0 MC : 0.0.0.0)
11/25 10:18:38.935 [mob-handoff]: [22238]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.f1b0
MC MA client: 0.0.0.0 Added
11/25 10:18:38.936 [sim-cs]: [22238]: UUID: 8c000000001eb, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.936 [mob-handoff]: [22238]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.f1b0
[1692: Handoff Complete Ack MC->MA] to 9.5.74.10:16666
11/25 10:18:38.936 [sim-cs]: [22238]: UUID: 8c000000001eb, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.936 [mob-handoff]: [22238]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.f1b0
Handoff Complete Ack sent to IP: 9.5.74.10

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11/25 10:18:38.936 [ipv6]: [22238]: UUID: 8c000000001eb, ra: 7 (info): 48f8.b38a.flb0
mCMobileHandoffCmplRcv: IPv6: set client vlanId = 74, bridgeDomain Id =0
11/25 10:18:38.936 [mob-handoff]: [21656]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.flb0
[1692: Handoff Complete Ack MC->MA] from 9.5.74.10:16666
11/25 10:18:38.936 [sim-cs]: [21656]: UUID: 8c000000001eb, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.936 [mob-directory]: [22238]: UUID: 8c000000001eb, ra: 7 (debug):
48f8.b38a.flb0 HANDOFF MA: 9.5.74.10 : Local Wireless client ip: 0.0.0.0 learn:0 ssid:webauth
vap_sec:[ Webauth ] PEM:DHCP_REQD, vlan:74/74 AP:5087.89be.7420 radio:1 ch:36 state:3
mobile_status:0 reason:4
11/25 10:18:38.936 [cond_debug]: [21656]: UUID: 8c000000001eb, ra: 7 (info): Search
condition: ft_id 43, cond: type 16, fmt 2, id: 0x1010074, name:
11/25 10:18:38.936 [sim-cs]: [22238]: UUID: 8c000000001eb, ra: 7 (info): System IP addr :
9.5.74.10

11/25 10:18:38.936 [cond_debug]: [21656]: UUID: 8c000000001eb, ra: 7 (info): Condition not
found
11/25 10:18:38.936 [wcm]: [21656]: UUID: 8c000000001ec, ra: 7 (appctx): mac
48:f8:b3:8a:fl:b0
11/25 10:18:38.936 [mob-handoff]: [22238]: UUID: 8c000000001eb, ra: 7 (debug): 48f8.b38a.flb0
MC: Changing client state from 0 to 1
11/25 10:18:38.936 [mob-handoff]: [21656]: UUID: 8c000000001ec, ra: 7 (debug): 48f8.b38a.flb0
mmProcessInMsg:1377 MA FSM event MM_MAFSM_EV_HDOFF_COMPL ACK: state Local -> Local
11/25 10:18:38.943 [tdllib]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): unmarshal: got
uuid 8c000000001e4, ra 7
11/25 10:18:38.943 [smrcl]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): EEDGE-RCL: Rx -
[eEdge --> IOS] OUT Callback Notify type 4 for rcl_conn_hdl = 101
11/25 10:18:38.943 [wcm]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): AAA-Proxy attr list
alloc: Created attribute list = (D20000B8)
11/25 10:18:38.943 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0 Start
response cb rcvd, label: 838860839, ASID: 09054A0A000000313CF8CE5F
11/25 10:18:38.944 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0 Start
response cb from SANET successfully enqueued
11/25 10:18:38.944 [wcm]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): AAA-Proxy attr list
free: Freed attribute list = (D20000B8).
11/25 10:18:38.944 [apf-mobile]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Start response callback from SANET successfully processed
11/25 10:18:38.944 [smrcl]: [17333]: UUID: 8c000000001e4, ra: 7 (debug):
ipc(mqipc/wcm/smd-wcm):End of MQIPC queue with 2 messages in 0 ms
11/25 10:18:38.979 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug):
openssl_dtls_connection_find_using_link_info: DTLS connection find with Local 9.5.74.10:5246
Peer 9.5.74.101:7759

11/25 10:18:38.979 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
DTLS connection found! Acquiring lock for 0xffed6f8378
11/25 10:18:38.980 [dtls]: [21631]: UUID: 8c000000001e4, ra: 7 (debug): 5087.89be.7420
Releasing lock for 0xffed6f8378
11/25 10:18:38.980 [aaa]: [21631]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
FQDN-REPORT: Register success in sending URL msg snooping = 1 to AP 5087.89be.7420, slot =
1
11/25 10:18:38.980 [smrcl]: [17333]: UUID: 8c000000001e4, ra: 7 (debug):
ipc(mqipc/wcm/smd-wcm):Get a MQIPC message (len 252)
11/25 10:18:38.980 [tdllib]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): unmarshal: got
uuid 8c000000001e4, ra 7
11/25 10:18:38.980 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Policy Source received in Bind Call: policy_src[0]: NONE
11/25 10:18:38.980 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Policy Source received in Bind Call: policy_src[1]: NONE
11/25 10:18:38.980 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Policy Source received in Bind Call: policy_src[2]: NONE
11/25 10:18:38.980 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Policy Source received in Bind Call: policy_src[3]: CLI
11/25 10:18:38.980 [aaa]: [17333]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0 Bind
policy msg from SANET successfully enqueued
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
***----- Bind policies from EPM -----***
11/25 10:18:38.980 [smrcl]: [17333]: UUID: 8c000000001e4, ra: 7 (debug):
ipc(mqipc/wcm/smd-wcm):End of MQIPC queue with 3 messages in 13 ms
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0 Vlan:
74, Vlan Name: , Vlan Source: CLI
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0

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Session Timeout: 1800
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
IF NUM: 0x80000004
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
Template name:
implicit_deny_v6:implicit_deny:preauth_v6:preauth_v4:IP-Adm-V6-Int-ACL-gldbal:IP-Adm-V4-Int-ACL-gldbal:implicit_deny:l409364070,
URL Present: 1
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0 Qos
Level: 5, Qos Level Src: NONE, Qos Input Name: , Qos Input Src: NONE, Qos Output Name: ,
Qos Output Src: NONE
11/25 10:18:38.980 [aaa]: [21661]: UUID: 8c000000001e4, ra: 7 (debug): 48f8.b38a.flb0
*****
11/25 10:18:38.980 [apf-mobile]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Processing the policy bind call from SANET
11/25 10:18:38.981 [apf-mobile]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Device Classification:Applying Session Timeout. State DHCP_REQD
Current SessionTimeout 1800 Updated Timeout 1800

11/25 10:18:38.981 [apf-mobile]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Device Classification: Setting Session Timeout to 1800

11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 Setting
session timeout 1800 on mobile 48f8.b38a.flb0
11/25 10:18:38.981 [apf-mobile-state]: [21661]: UUID: 8c000000001e4, ra: 7 (debug):
48f8.b38a.flb0 Session Timeout is 1800 - starting session timer for the mobile
11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): Not applying bind
vlan policy: Policy Vlan 74, Access Vlan 74, MmRole 1

11/25 10:18:38.981 [qos]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 [QOS]
%: Sending native profile info to QoS task
11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) BIND-COMplete with state 7.

11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) State Update from BIND-Incomplete to BIND-Complete, mobility role=Local,
client state=APF_MS_STATE ASSOCIATED
11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) pemAdvanceState2 3944, Adding TMP rule
11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) Adding Fast Path rule
on AP 5087.89be.7420 , slot 1 802.1P = 0

11/25 10:18:38.981 [pem]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0 DHCP_REQD (7) Successfully plumbed mobile rule
11/25 10:18:38.981 [apf-mobile]: [21661]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
Successfully processed the policy bind call from SANET
11/25 10:18:38.981 [pem]: [21652]: UUID: 8c000000001e4, ra: 7 (info): PEM rcv processing
msg Add SCB(3)
11/25 10:18:38.981 [pem]: [21652]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
0.0.0.0, auth_state 7 mmRole Local !!!
11/25 10:18:38.981 [pem]: [21652]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0
***WLCLIENT IIF 0x80000012: adding to FMAN and WDB
11/25 10:18:38.981 [capwap]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): Platform capability
Asic-level-load-balancing is FALSE
11/25 10:18:38.981 [apf-lb]: [21652]: UUID: 8c000000001e4, ra: 7 (info): Platform not
supported
11/25 10:18:38.981 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): IPC_ADD: WLCLIENT:
IIF 0x80000012 send station ADD to FMAN and IOSD
11/25 10:18:38.981 [tdllib]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): marshal: set
uuid 8c000000001e4, ra 7
11/25 10:18:38.982 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): IPC_ADD: WLCLIENT:
IIF 0x80000012 Sending station ADD to FMAN
11/25 10:18:38.982 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): Client bitmap
is 010000000000000010
11/25 10:18:38.982 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): MOBILITY_STATE
set
11/25 10:18:38.982 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug):
DYNAMIC POLICY TEMPLATE set
11/25 10:18:38.982 [apf-mobile]: [21652]: UUID: 8c000000001e4, ra: 7 (info): wcm_wdb create:
ipv4_addr = 0.0.0.0
11/25 10:18:38.982 [apf-mobile]: [21652]: UUID: 8c000000001e4, ra: 7 (info): wcm_wdb create:
numv6 address = 0
11/25 10:18:38.982 [apf-mobile]: [21652]: UUID: 8c000000001e4, ra: 7 (info): Setting WCDB

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VLAN to 74
11/25 10:18:38.982 [tdllib]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): marshal: set
uuid 8c000000001e4, ra 7
11/25 10:18:38.982 [apf-mobile]: [21652]: UUID: 8c000000001e4, ra: 7 (info): WLCLIENT:
wcm_wdb client creation message was sent successfully
11/25 10:18:38.982 [client]: [21652]: UUID: 8c000000001e4, ra: 7 (debug): IPC_UPDATE:
IIF 0x800000012 Sending station ADD to IOSD
11/25 10:18:38.982 [pem]: [21652]: UUID: 8c000000001e4, ra: 7 (info): 48f8.b38a.flb0 Tclas
Plumb needed: 0
11/25 10:18:38.982 [qos-ipc]: [21623]: UUID: 8c000000001e4, ra: 7 (info): [QOS-IPC] %:
QOS_HANDLE_NATIVE_PROFILE_CLIENT_POLICY_POST_RUN: 20 Recvd.
11/25 10:18:38.982 [qos-ipc]: [21623]: UUID: 8c000000001e4, ra: 7 (info): [QOS-IPC] %:
Regular QoS requests can be processed...
11/25 10:18:39.133 [tdllib]: [21661]: UUID: 8c000000001ed, ra: 7 (debug): unmarshal: got
uuid 8c000000001ed, ra 7
11/25 10:18:39.133 [cond_debug]: [21661]: UUID: 8c000000001ed, ra: 7 (info): Search
condition: ft id 43, cond: type 16, fmt 2, id: 0x48f8b38a, name: H□□□□
11/25 10:18:39.133 [cond_debug]: [21661]: UUID: 8c000000001ed, ra: 7 (info): Condition
found
11/25 10:18:39.133 [wcm]: [21661]: UUID: 8c000000001ee, ra: 7 (appctx): mac
48:f8:b3:8a:fl:b0
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
wcm_wdb received ip binding message: client mac 48f8.b38a.flb0, ip learn type 2, v4/v6 0,
ipv4 address 9.5.74.106 , ipv6 address 0000:0000:0000:0000:0000:0000:0000:0000, add/delete
1, options length 0, subnet vlan 74
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
wcm_wdb ip binding message was processed
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
WcdbClientUpdate: IP Binding from WCDB ip learn type 2, add_or_delete 1
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
IPv4 Addr: 9:5:74:106

11/25 10:18:39.133 [pem]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0 MS
got the IP, resetting the Reassociation Count 0 for client
11/25 10:18:39.133 [apf-lb]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
fap IP change from 0 to 9054a6a for client 48f8.b38a.flb0
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): In
apfHaIpChangeAfterRunChkpt: ssoClientHaFlag 0x0, IP 0x9054a6a 48f8.b38a.flb0
11/25 10:18:39.133 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
***WLCLIENT IIF 0x800000012: IP address updated. Set flag for IPADDR_INFO
11/25 10:18:39.133 [pem-state]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
Moving to webauth state, URL Flag is set
11/25 10:18:39.133 [pem-state]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
Change state to WEBAUTH_REQD (8) last state DHCP_REQD (7)

11/25 10:18:39.133 [capwap]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): Platform capability
Asic-level-load-balancing is FALSE
11/25 10:18:39.133 [apf-lb]: [21661]: UUID: 8c000000001ee, ra: 7 (info): Platform not
supported
11/25 10:18:39.133 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x800000012 send station UPDATE to FMAN and IOSD
11/25 10:18:39.134 [tdllib]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): marshal: set
uuid 8c000000001ee, ra 7
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x800000012 Sending station UPDATE to FMAN
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): Client bitmap
is 00100000010000010
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): AUTH STATE set
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): IPADDR_INFO set
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug):
DYNAMIC POLICY TEMPLATE set
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): Not sending IP
address in WDB update for local/anchor case
11/25 10:18:39.134 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): wcm_wdb create:
ipv4_addr = 0.0.0.0
11/25 10:18:39.134 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): wcm_wdb update:
numv6 address = 0
11/25 10:18:39.134 [tdllib]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): marshal: set
uuid 8c000000001ee, ra 7
11/25 10:18:39.134 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): WLCLIENT:
wcm_wdb client update message was sent successfully
11/25 10:18:39.134 [client]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x800000012 Sending station UPDATE to IOSD
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11/25 10:18:39.134 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
  Sending IPv4 update to Controller 9.5.74.10
11/25 10:18:39.134 [sim-cs]: [21661]: UUID: 8c000000001ee, ra: 7 (info): System IP addr :
  9.5.74.10
11/25 10:18:39.134 [sim-cs]: [21661]: UUID: 8c000000001ee, ra: 7 (info): System IP addr :
  9.5.74.10
11/25 10:18:39.134 [mob-handoff]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
  mmBuildSendClientUpdate: destIp:9.5.74.10, destType:2 callType:1
11/25 10:18:39.134 [mob-handoff]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
  mmBuildMsgUpdateIpPayload:3938 Sending msg with new client IP 9.5.74.106
11/25 10:18:39.134 [mob-handoff]: [21661]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
  [1693: Client Update MA->MC] to 9.5.74.10:16666
11/25 10:18:39.135 [apf-mobile]: [21661]: UUID: 8c000000001ee, ra: 7 (info): 48f8.b38a.flb0
  Assigning Address 9.5.74.106 to mobile
11/25 10:18:39.135 [mob-handoff]: [22238]: UUID: 8c000000001ee, ra: 7 (debug): 48f8.b38a.flb0
  [1693: Client Update MA->MC] from 9.5.74.10:16666
11/25 10:18:39.135 [cond_debug]: [22238]: UUID: 8c000000001ee, ra: 7 (info): Search
  condition: ft_id 43, cond: type 16, fmt 2, id: 0x48f8b38a, name: H□□□□
11/25 10:18:39.135 [cond_debug]: [22238]: UUID: 8c000000001ee, ra: 7 (info): Condition
  found
11/25 10:18:39.135 [wcm]: [22238]: UUID: 8c000000001ef, ra: 7 (appctx): mac
  48:f8:b3:8a:f1:b0
11/25 10:18:39.135 [mob-handoff]: [22238]: UUID: 8c000000001ef, ra: 7 (debug): 48f8.b38a.flb0
  Updating client IPv4 address: 9.5.74.106 . Client learn type: 2.
11/25 10:18:40.637 [mgmt infra]: [17333]: UUID: 0, ra: 0 (ERR): Failed to get values
11/25 10:19:09.814 [dtls]: [21631]: UUID: 8c0000000020d, ra: 7 (debug):
  openssl_dtls_connection_find_using_link_info: DTLS connection find with Local 9.5.74.10:5246
  Peer 9.5.74.101:7759
11/25 10:19:09.814 [dtls]: [21631]: UUID: 8c0000000020d, ra: 7 (debug): 5087.89be.7420
  DTLS connection found! Acquiring lock for 0xffed6f8378
11/25 10:19:09.814 [smrcl]: [17333]: UUID: 8c0000000020d, ra: 7 (debug):
  ipc(mqipc/wcm/smd-wcm):End of MQIPC queue with 2 messages in 2 ms
11/25 10:19:09.814 [dtls]: [21631]: UUID: 8c0000000020d, ra: 7 (debug): 5087.89be.7420
  Releasing lock for 0xffed6f8378
11/25 10:19:09.815 [aaa]: [21631]: UUID: 8c0000000020d, ra: 7 (debug): 48f8.b38a.flb0
  FQDN-REPORT: Unregister success in sending URL msg snooping = 0 to AP 5087.89be.7420, slot
  = 1
11/25 10:19:09.824 [tdllib]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): unmarshal: got
  uuid 8c0000000020d, ra 7
11/25 10:19:09.824 [wcm]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): AAA-Proxy attr list
  alloc: Created attribute list = (090000B9)
11/25 10:19:09.824 [smrcl]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): EEDGE-RCL:
  policy_src[0] in rcl_sm_handler is : [0]
11/25 10:19:09.824 [smrcl]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): EEDGE-RCL:
  policy_src[1] in rcl_sm_handler is : [0]
11/25 10:19:09.824 [smrcl]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): EEDGE-RCL:
  policy_src[2] in rcl_sm_handler is : [0]
11/25 10:19:09.824 [smrcl]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): EEDGE-RCL:
  policy_src[3] in rcl_sm_handler is : [4]
11/25 10:19:09.824 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): AUTHC Callback rcvd
  from SANET, label: 838860839, auth_result:0 bind result:0 eap_type: 0
11/25 10:19:09.824 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): SMD policy src[0]:
  0
11/25 10:19:09.824 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): Qos source received
  from SMD: 0 ->NONE
11/25 10:19:09.824 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): SMD policy src[1]:
  0
11/25 10:19:09.824 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): Qos source received
  from SMD: 1 ->NONE
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): SMD policy src[2]:
  0
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): Qos source received
  from SMD: 2 ->NONE
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): SMD policy src[3]:
  4
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): Qos source received
  from SMD: 3 ->CLI
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c0000000020d, ra: 7 (debug): 48f8.b38a.flb0

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***----- Bind policies from EPM -----***
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0 Vlan:
 74, Vlan Name: VLAN0074, Vlan Source: CLI
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Session Timeout: 1800
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
IF_NUM: 0x80000004
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Template name: IP-Adm-V4-LOGOUT-ACL:, URL Present: 0
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0 Qos
  Level: 5, Qos Level Src: NONE, Qos Input Name: , Qos Input Src: NONE, Qos Output Name: ,
  Qos Ouput Src: NONE
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
***-----***
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): AVP type=757 len=4
 : 0x00000001 (1)
11/25 10:19:09.825 [aaa]: [17333]: UUID: 8c000000020d, ra: 7 (debug): Session Label:
838860839client mac 48f8.b38a.flb0
Auth Results 0

11/25 10:19:09.825 [pem]: [17333]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received authentication response, status=0
11/25 10:19:09.825 [smrcl]: [17333]: UUID: 8c000000020d, ra: 7 (debug):
ipc(mqipc/wcm/smd-wcm):End of MQIPC queue with 2 messages in 1 ms
11/25 10:19:09.825 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: Received message from webauth queue: 1
11/25 10:19:09.825 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: SANET Auth Event - Authentication Success!
11/25 10:19:09.825 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 Policy
  Source: QOS IN NONE QOS OUT: NONE, VLAN:CLI
11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Applying new AAA override for station 48f8.b38a.flb0 AllowOverride 1
11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Override Values: source: 48, valid_bits: 0x0101, qosLevel: -1 dscp: 0xffffffff, dot1pTag:
0xffffffff, sessionTimeout: 1800
11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
dataAvgC: -1, rTAvgC: -1, dataBurstC: -1 rTimeBurstC: -1, vlanIfName: , aclName:
11/25 10:19:09.825 [qos]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 QoS
policies from SMD: dot1pTag: 0xffffffff, qosLevel: -1, qos-policy-In: , qos-in-src:NONE
qos-policy-out: , qos-out-src:NONE sub-qos-policy-in: sub-qos-policy-out: , sub-policy-in:
sub-policy-out:
11/25 10:19:09.825 [apf-mobile]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
  Clearing Dhcp state for station ---
11/25 10:19:09.825 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
Applying WLAN ACL policies to client
11/25 10:19:09.825 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 No
Interface ACL used for Wireless client in WCM(NGWC)
11/25 10:19:09.825 [ap-grp]: [21653]: UUID: 8c000000020d, ra: 7 (debug): no location
defined

11/25 10:19:09.825 [apf-mobile]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
  Inserting AAA Override struct for mobile
  MAC: 48f8.b38a.flb0 , source 48

11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Inserting new RADIUS override into chain for station 48f8.b38a.flb0
11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Override Values: source: 48, valid_bits: 0x0101, qosLevel: -1 dscp: 0xffffffff, dot1pTag:
0xffffffff, sessionTimeout: 1800
11/25 10:19:09.825 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
dataAvgC: -1, rTAvgC: -1, dataBurstC: -1 rTimeBurstC: -1, vlanIfName: , aclName:
11/25 10:19:09.826 [qos]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 QoS
policies from SMD: dot1pTag: 0xffffffff, qosLevel: -1, qos-policy-In: , qos-in-src:NONE
qos-policy-out: , qos-out-src:NONE sub-qos-policy-in: sub-qos-policy-out: , sub-policy-in:
sub-policy-out:
11/25 10:19:09.826 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Applying override policy from source Override Summation:

11/25 10:19:09.826 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Override Values: source: 256, valid_bits: 0x0101, qosLevel: -1 dscp: 0xffffffff, dot1pTag:
0xffffffff, sessionTimeout: 1800
11/25 10:19:09.826 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
dataAvgC: -1, rTAvgC: -1, dataBurstC: -1 rTimeBurstC: -1, vlanIfName: , aclName:

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11/25 10:19:09.826 [qos]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 QoS
policies from SMD: dot1pTag: 0xffffffff, qosLevel: -1, qos-policy-In: , qos-in-src:NONE
qos-policy-out: , qos-out-src:NONE sub-qos-policy-in: sub-qos-policy-out: , sub-policy-in:
sub-policy-out:
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0 Setting
session timeout 1800 on mobile 48f8.b38a.flb0
11/25 10:19:09.826 [apf-mobile-state]: [21653]: UUID: 8c000000020d, ra: 7 (debug):
48f8.b38a.flb0 Session Timeout is 1800 - starting session timer for the mobile
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
client incoming attribute size are 675
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 450
11/25 10:19:09.826 [aaa]: [21653]: UUID: 8c000000020d, ra: 7 (debug): AVP type=450 len=5
: admin
11/25 10:19:09.826 [apf-mobile]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
Username entry (admin) created for mobile
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 958
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 960
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 42
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 8
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 1208
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 819
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 220
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 952
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 600
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 685
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 221
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 225
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 876
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 82
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 939
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 1193
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 335
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 757
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 42
11/25 10:19:09.826 [pem]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: received RADIUS attr type 1265
11/25 10:19:09.826 [dot1x]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
apfMsRunStateInc
11/25 10:19:09.826 [pem-state]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
***WLCLIENT IIF 0x80000012: Client is going to RUN state.Set flag for AUTH_STATE update.
11/25 10:19:09.827 [pem-state]: [21653]: UUID: 8c000000020d, ra: 7 (debug): 48f8.b38a.flb0
Change state to RUN (20) last state WEBAUTH_REQD (8)

11/25 10:19:09.827 [snmp-trap]: [21653]: UUID: 8c000000020d, ra: 7 (debug):
80211ClientMovedToRunStateTrap called
11/25 10:19:09.827 [apf-rogue-client]: [21653]: UUID: 8c000000020d, ra: 7 (info):
48f8.b38a.flb0 APF notify RogueTask about client association: 48f8.b38a.flb0

11/25 10:19:09.827 [apf-mobile]: [21653]: UUID: 8c000000020d, ra: 7 (info): 48f8.b38a.flb0
Stopping deletion of Mobile Station: (callerId: 74)
11/25 10:19:09.827 [apf-rogue]: [22288]: UUID: 8c000000020d, ra: 7 (info): rogueTask:
Processing apfMsgTypeNotifyClientAssoc
11/25 10:19:09.827 [apf-mobile-state]: [21653]: UUID: 8c000000020d, ra: 7 (debug):

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48f8.b38a.flb0 Session Timeout is 1800 - starting session timer for the mobile
11/25 10:19:09.827 [pem]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0
9.5.74.106 RUN (20) Reached PLUMBFASPATH: from line 4487
11/25 10:19:09.827 [pem]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0
9.5.74.106 RUN (20) Replacing Fast Path rule
    on AP 5087.89be.7420 , slot 1 802.1P = 0

11/25 10:19:09.827 [aaa]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): 48f8.b38a.flb0 AAAS:
acct method list NOT configured for WLAN 4, accounting skipped
11/25 10:19:09.827 [pem]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0
9.5.74.106 RUN (20) Successfully plumbed mobile rule
11/25 10:19:09.827 [pem]: [21652]: UUID: 8c0000000020d, ra: 7 (info): PEM recv processing
msg Add SCB(3)
11/25 10:19:09.827 [capwap]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): Platform capability
Asic-level-load-balancing is FALSE
11/25 10:19:09.827 [apf-lb]: [21653]: UUID: 8c0000000020d, ra: 7 (info): Platform not
supported
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x80000012 send station UPDATE to FMAN and IOSD
11/25 10:19:09.827 [tdllib]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): marshal: set
uuid 8c0000000020d, ra 7
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x80000012 Sending station UPDATE to FMAN
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): Client bitmap
is 001000000000000010
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): AUTH_STATE set
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug):
DYNAMIC_POLICY_TEMPLATE set
11/25 10:19:09.827 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): Not sending IP
address in WDB update for local/anchor case
11/25 10:19:09.827 [apf-mobile]: [21653]: UUID: 8c0000000020d, ra: 7 (info): wcm_wdb create:
ipv4_addr = 0.0.0.0
11/25 10:19:09.827 [apf-mobile]: [21653]: UUID: 8c0000000020d, ra: 7 (info): wcm_wdb update:
numv6 address = 0
11/25 10:19:09.828 [tdllib]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): marshal: set
uuid 8c0000000020d, ra 7
11/25 10:19:09.828 [apf-mobile]: [21653]: UUID: 8c0000000020d, ra: 7 (info): WLCLIENT:
wcm_wdb client update message was sent successfully
11/25 10:19:09.828 [client]: [21653]: UUID: 8c0000000020d, ra: 7 (debug): IPC_UPDATE:
WLCLIENT: IIF 0x80000012 Sending station UPDATE to IOSD
11/25 10:19:09.828 [qos]: [21653]: UUID: 8c0000000020d, ra: 7 (info): [QOS] %: IPC_UPDATE:
client is in RUN state, check for QoS trigger
11/25 10:19:09.828 [qos]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0 [QOS]
%: Client becomes present, install QoS policy
11/25 10:19:09.828 [qos]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0 [QOS]
%: Send QOS_CLIENT_JOIN_MSG to QoS Task, len 6
11/25 10:19:09.828 [pem]: [21653]: UUID: 8c0000000020d, ra: 7 (info): 48f8.b38a.flb0
WEBAUTH: callback status - AuthC successfully processed
11/25 10:19:09.828 [qos-ipc]: [21623]: UUID: 8c0000000020d, ra: 7 (info): [QOS-IPC] %:
QoS_CLIENT_JOIN Msg: 13 Recvd.
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