Dell Networking W-Series Instant 6.4.0.2-4.1 Syslog Messages

Reference Guide

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Contents

This document covers syslog messages included in Dell Networking W-Series Instant 6.4.0.2-4.1 release.

> In this edition, message definition, recommended action and in some cases the cause that generated he syslog message are included. Syslog messages were prioritized for definition; this edition includes definitions for approximately 70% of Instant syslog messages. For those messages yet to be defined, the phrase "No description available" appears.

Document Organization

This document contains the complete listings of all syslog messages generated by Instant. Each chapter lists the syslogs for a single category as follows:

- Security
- System
- User
- Wireless
- ARM

Each chapter contains the severity level syslog messages in table format (see Table 1for the complete list of severity levels). The syslog messages are the actual text displayed by Instant when encountering the syslog, and some further descriptive text, giving more information about the syslog. The entry may also include recommended action when this syslog is encountered.

Format of Messages

Take the following message as an example:

```
Jan 23 16:26:51 2013 sapd[148]: <404003> <WARN> |AP 00:0b:86:cb:85:db@10.34.84.14 sapd|
AM 00:0b:86:38:5d:b0: Interfering AP detected with SSID 06B408550367 and BSSID
00:12:0e:44:d4:2c
```

In this case, the message elements are:

```
<date and time stamp> = Jan 23 16:26:51 2013
<error location>: = sapd[148]:  (the specific module location where this syslog was generated)
<error number> = <404003>  (a unique number within the set of messages generated by Dell
```
Networking W-Series Instant)
```
<severity> = <WARN>  (Warning severity level)
|<process>| = |AP 00:0b:86:cb:85:db@10.34.84.14 sapd|  (the Access Point Media Access
```
Control (MAC) device address, along with the IP address)
```
message text =  the remaining part of the message.
```

The message text portion is frequently constructed from information returned with the syslog. For example, the message text for the syslog above is constructed as:

```
AM <BSSID>: Interfering AP detected with SSID <SSID> and BSSID <BSSID>
```

Where:

```
<BSSID> = 00:0b:86:38:5d:b0
<SSID> = 06B408550367
```

```
<BSSID> = 00:12:0e:44:d4:2c
```

These substitutions generate message text as follows:

```
AM 00:0b:86:38:5d:b0: Interfering AP detected with SSID 06B408550367 and BSSID
00:12:0e:44:d4:2c
```

In the following chapters, messages are defined in generic terms with variables shown to indicate where substitutions of actual data will occur.

Severity Levels

The severity levels defined for syslogs are outlined in Table 1, which orders the severity from most to least severe. Note that the syslog messages with the lowest severity level, "Debug", is listed in this manual. Also, note that the severity level string (such as EMERG, or CRIT), as well as the numeric value associated with that particular severity, is listed in the tables.

Table 1 *Message Severity Levels*

Level	Value	Meaning
Emergency `<EMERG>`	0	Panic condition that occurs when the system becomes unusable.
Alert `<ALERT>`	1	Any condition requiring immediate attention and correction.
Critical `<CRIT>`	2	Any critical conditions such as a hard drive error.
Error `<ERR>`	3	Error condition.
Warning `<WARNING>`	4	Warning message.
Notification `<NOTICE>`	5	Significant event of a non-critical and normal nature.
Informational `<INFO>`	6	Message of general interest to system users.
Debug `<DEBUG>`	7	Message containing information useful for debugging.

Message Process Generation

The process that generates syslog messages is detailed in Table 2.

Table 2 *Process Generating Syslog Messages*

Process	Description	Categories used by this component
802.1X	Network Access Control authentication	security, user
am	Logging for AirMonitor	security, system, wireless
meshd	Logging for Mesh daemon	system
radius	Logging for RADIUS authentication	security, system, user
sapd	Logging for Access Point Manager (AP)	system
stm	Logging for Station Management	system, user, wireless
vc	Logging for Virtual Controller	system

Syslog Server

To specify a Syslog Server for sending syslog messages to the external servers, navigate to **System > Show advanced options > Monitoring** in the UI and update the following fields.

- **Syslog server—** Enter the IP address of the server to send system logs.
- **Syslog level—** For a global level configuration, select one of the logging levels from the standard list of syslog levels. The default value is **Notice**.

Figure 1 *Configuring Syslog Server Settings*

You can also configure Syslog server details and logging levels by using the command-line Interface (CLI).

To configure a Syslog server:

```
(Instant Access Point)(config)# syslog-server <IP-address>
```

To configure logging levels:

```
(Instant Access Point)(config)# syslog-level <level>{ap-
debug|network|security|system|user|user-debug|wireless}
```

Filtering Syslogs

Searching through the logs for specific events, error categories, or other information, is often quite useful. In addition, long term storage of data required for audits and other business requirements involving information kept in the system logs is important. The capabilities required for handling logs should include the following:

- Efficient log management
- Sophisticated analysis capabilities
- Consistent report generation
- Scalability
- Security

Analyzing system logs, and extracting relevant information from them, requires an efficient pattern matching engine, where the desired patterns can be created with standard pattern matching commands, such as a regular expression engine.

Driver Log Messages

Some driver log messages such as **LIKELY Tx Radio/Antenna Issues - Probe Failure(96%) Total 1252 Failed 1206** are generated when there are TX Radio and Antenna Issues. The IAP uses a timer to monitor TX probe response each hour. If more than 95% failed, this log is triggered. For example, P**robe Failure (98%) Total 1126 Failed 1104** means that within the measured timeframe (1 hour) hour, the IAP tried to send 1126 Probe responses, but failed to receive an answer 1104 times.

Related Documents

In addition to this document, the Dell Networking W-Series Instant product documentation includes the following:

- *Dell Networking W-Series Instant Access Point Installation Guides*
- *Dell Networking W-Series Instant 6.4.0.2-4.1 Quick Start Guide*
- *Dell Networking W-Series Instant 6.4.0.2-4.1 User Guide*
- *Dell Networking W-Series Instant 6.4.0.2-4.1 Command Line Reference Guide*
- *Dell Networking W-Series Instant 6.4.0.2-4.1 MIB Reference Guide*
- *Dell Networking W-Series Instant 6.4.0.2-4.1 Release Notes*

Contacting Dell

Table 3 *Contact Information*

Web Site Support	
Main Website	**dell.com**
Contact Information	**dell.com/contactdell**
Support Website	**dell.com/support**
Documentation Website	**dell.com/support/manuals**

Critical Messages

Table 5 *Security Critical Messages*

Message ID	Message and Description
132002	Enabling dot1x termination for AP [mac:%m] [auth_profile:%s] before cert download. **Description:** Termination is being enabled before certificate is downloaded.
132014	"AP [bssid:%m] [apname:%s] Incomplete AP configuration. Check if WEP Key, WEP Transmit Key or WPA Passphrase is not configured. **Description:** AP's configuration is not complete. Either WEP key/WEP Transmit Key/WPA Passphrase is not configured.
132135	Failed to create SSL_CTX. **Description:** System failed to create SSL Context.
132136	Loading Certificate from [fname:%s] failed **Description:** Failed to load the Certificate for 802.1x termination.
132137	Private key does not match cert **Description:** Private key is not found in the certificate
132138	Failed to alloc BIO in. **Description:** Failed to allocate BIO structure.
132139	Failed to alloc BIO out. **Description:** Failed to allocate BIO out structure.
132140	Failed to set the cipher - ssl3_get_cipher_by_char. **Description:** Failed to set the cipher using ssl3_get_cipher_by_char.
132141	Failed to create buf - BUF_MEM_new. **Description:** Failed to create a buffer using BUF_MEM_new.
132142	ssl3_output_cert_chain returned error. **Description:** Failed to output the certificate chain.
132143	Failed to download MODEXP for dot1x-termination. **Description:** Failed to download MODEXP to datapath for 802.1x termination.
132144	Failed to download the cert for dot1x-termination. **Description:** Failed to download the server certificate for dot1x termination.
132145	BIO_read failed len [ln:%d]. **Description:** BIO read failed.
132146	ssl_get_server_send_cert faileds **Description:** sl_get_server_send_cert failed

Error Messages

Table 6 *Security Error Messages*

Message ID	Message and Description
121000	Failed to calculate the HMAC-MD5 digest **Description:** Controller failed to calculate the HMAC-MD5 digest for RADIUS packet due to an internal error. **Recommended Action:** If the problem persists, contact Dell support provider.
121001	Error [errno:%d],[errstr:%s] receiving packet [packet_len:%d], fd=[fd:%d] **Description:** A socket error occurred while receiving RADIUS server response **Recommended Action:** If the problem persists, contact your support provider.
121002	An error occurred while receiving RADIUS server response **Description:** An error occurred while receiving RADIUS server response **Recommended Action:** If the problem persists, contact your support provider.
121003	Discarding unknown response from server **Description:** RADIUS Server has returned a response that does not match the request or the packet could be corrupt **Recommended Action:** Validate RADIUS server configuration. If the problem persists, contact your support provider.
121005	An error occurred while receiving RADIUS server response on port 3799 (RFC 3576) **Description:** An error occurred while receiving RADIUS server response on port 3799 (RFC 3576) **Recommended Action:** If the problem persists, contact your support provider.
121008	RADIUS: Error [errno:%d],[errstr:%s] creating client socket **Description:** Internal error occurred while initiating connection with the RADIUS server **Recommended Action:** If the problem persists, contact your support provider.
121009	RADIUS: Error [errno:%d],[errstr:%s] in bind. **Description:** Internal error occurred while connecting with the RADIUS server. **Recommended Action:** If the problem persists, contact your support provider.
121010	Error [errno:%d],[errstr:%s] sending [data_len:%d] bytes on radius socket [sockfd:%d] **Description:** Internal error occurred while sending data to the RADIUS server. **Recommended Action:** If the problem persists, contact your support provider.
121011	Received RADIUS server response with invalid length [len:%d]. **Description:** The expected length of a RADIUS server response packet is between 20 and 4096 bytes. **Recommended Action:** Check the length of response packet from the RADIUS server.
121012	Not enough buffer space to verify RADIUS server response packet with length [totallen:%d]. **Description:** The internal buffer is not big enough for the RADIUS response packet and RADIUS secret. **Recommended Action:** Check the length of the RADIUS response packet from the RADIUS server and the length of RADIUS secret.
121013	Received non-matching ID in RADIUS server response [id:%d], expecting [seq_nbr:%d]. **Description:** Received a response from the RADIUS server, but the sequence number doesn't match the request. **Recommended Action:** Check the RADIUS server is configured properly.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
121014	Received invalid reply digest from RADIUS server. **Description:** The reply digest received from the RADIUS server doesn't match the calculated digest. **Recommended Action:** Check the RADIUS server is configured properly and verify shared secret configuration on the controller matches that on the RADIUS server.
121016	RADIUS server [server:%s],[fqdn:%s][ipaddr:%s] is out of sequence. **Description:** The PENDING request buffer to RADIUS server is already full (256). Response from RADIUS server seems to be slower than the rate at which the users are coming in. **Recommended Action:** Check the RADIUS server is configured properly and the connectivity between the controller and RADIUS server is good.
121018	Unknown RADIUS attribute ID [attrid:%d] in [func:%s] **Description:** The RADIUS attribute is not known. **Recommended Action:** Use the show aaa radius-attributes command to check if the attribute ID is supported.
121019	Received attribute with invalid length [attrlen:%d] in [func:%s] **Description:** Received RADIUS attribute with invalid length, while extracting the attribute-value pairs **Recommended Action:** Check the RADIUS server is configured properly and the connectivity between controller and RADIUS server is good.
121021	RADIUS attribute [name:%s] has unknown type [type:%d] in [func:%s] **Description:** Received unknown RADIUS attribute type, while extracting the attribute-value pairs. **Recommended Action:** Please check the supported RADIUS attribute type.
121022	Unknown RADIUS attribute name [name:%s] in [func:%s] **Description:** Received unknown RADIUS attribute name, while extracting the attribute-value pairs **Recommended Action:** Please use the show aaa radius-attributes command to check if the attribute name is supported.
121023	Unknown RADIUS attribute [attr_value:%s] in [func:%s] **Description:** Controller received an unknown RADIUS attribute while extracting the attribute-value pairs from Radius server response. **Recommended Action:** Please use the show aaa radius-attributes command to check if the attribute value is supported.
121025	Value pair is NULL or empty attribute [id:%d] in [func:%s]. **Description:** Internal error occurred while converting the attribute-value pairs received in RADIUS response to strings. **Recommended Action:** If the problem persists, contact your support provider.
121029	RADIUS: Error [errno:%d], [errstr:%s] creating rfc3576 socket. **Description:** Internal error occurred while initiating connection with RADIUS server. **Recommended Action:** Please contact Dell technical support if this problem persists.
121030	RADIUS: Error [errno:%d], [errstr:%s] in rfc3576 bind. **Description:** Error occurred while connecting to RADIUS server. **Recommended Action:** IPlease contact Dell technical support if this problem persists.
121033	"rc_pack_list: Attribute list exceeds 8192 bytes, dropping request. **Description:** rc_pack_list: Attribute list exceeds 8192 bytes, dropping request

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
121036	RADIUS: Error [errno:%d],[errstr:%s] setting client socket options. **Description:** Internal error occurred while setting connection options with the RADIUS server. **Recommended Action:** Contact Dell technical support if this problem persists.
121047	Failed to add user Port ID in the Radius Accounting Pkt [pkt:%s]. **Description:** This shows an internal debug message
121048	Unknown result type [resultType:%d]. **Description:** This shows an internal debug message
121049	Failed to add user Port ID in the Radius Accounting Start Pkt [portStr:%s]. **Description:** This shows an internal debug message
132003	xSec vlan not configured for [port:%s] **Description:** xSec vlan is not configured for the specified port. **Recommended Action:** Configure VLAN that supports XSEC on specified port..
132004	Unknown AP [mac:%m] [bssid:%m] [menc:%s] [vlan:%d]. **Description:** Authentication process has detected an unknown AP. **Recommended Action:** Execute the **show ap database** command to determine if system is aware of the Access Point. Power-cycle the unknown AP.
132005	AP [mac:%m] [apname:%s] is not enabled. **Description:** Specified AP is not enabled. **Recommended Action:** Configure AP with a valid virtual-AP or wired profile..
132006	Station Add failed [mac:%m] [bssid:%m] [apname:%s] [uenc:%s] [menc:%s] **Description:** Station failed to complete the security association with authentication process. **Recommended Action:** Confirm that the SSID that the supplicant is associating to is configured to support 802.1X authentication and is configured correctly..
132008	Station delete failed, does not exists in the station table. **Description:** Failed to clear the station from the AP's station table. **Recommended Action:** Station does not exist in authentication process tables. Confirm by running the **show station** command.
132009	Station's dot1x context not initialized [name:%s] [mac:%m] [bssid:%m] **Description:** Station's internal context is not completely initialized. **Recommended Action:** Internal error. Clear the station by running the **aaa user delete** command and reconnect.
132013	AP [bssid:%m] [apname:%s] Configuration not complete, No Transmit WEP Key set **Description:** AP's configuration is not complete. Check if the WEP transmit key is set **Recommended Action:** Check of the WEP transmit key is set in the ssid-profile
132015	Failed to Deauthenticate the station [mac:%m] [name:%s] **Description:** Failed to deauthenticate the specified station **Recommended Action:** Internal error. Clear the station and reconnect.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132016	Local Database Server not available to cache the machine auth for user [name:%s] [mac:%m] **Description:** Internal server is not available for caching the machine authentication for the specified User. **Recommended Action:** Run the **aaa test-server pap internal** command to verify connectivity to the local database server. If unavailability of local database server persists and controller is a local-controller, verify connectivity to master-controller. If all else fails, restart the udbserver process on the master-controller by executing the **process restart udbserver** command and restart the AUTH process on the local-controller by executing the **process restart auth** command.
132017	Failed to update Machine Auth status to local DB for Station [mac:%m] [name:%s] **Description:** Failed to update the Machine authentication Status for the specified User because udbserver process is not responding. **Recommended Action:** Run the **aaa test-server pap internal** command to verify connectivity to the local database server. If unavailability of local database server persists and controller is a local-controller, verify connectivity to master-controller. If all else fails, restart the udbserver process on the master-controller by executing the **process restart udbserver** and restart the AUTH process on the local-controller by executing **process restart auth.**
132018	Station [mac:%m] [bssid:%m] was deleted before the response from the local database server **Description:** Station was deleted before receiving response from the Internal Server due to high latency between local-controller's AUTH process and master-controller's UDBSERVER process. **Recommended Action:** Diagnose external IP-latency issues between master-controller and local-controller and have the client re-attempt their authentication-request.
132023	802.1x authentication is disabled in profile [prof:%s] Station [mac:%m] [bssid:%m] **Description:** 802.1x authentication is disabled for the specified profile. **Recommended Action:** Configure the specified aaa-profile to enable 802.1x authentication.
132024	Station [mac:%m] pre-authenticating with Unknown AP [bssid:%m] vlan [vl:%d] **Description:** Station is trying to pre-authenticate with an AP that is not registered. This log-message is generated when we detect a race-condition between STM, SOS and AUTH. AUTH is receiving EAP packets from SOS before it received the New-AP message from STM. Execute **show ap database** to determine if STM is aware of the AP. If not, try rebooting the AP by executing **apboot** or powercycling the AP. If symptoms persist, then AUTH is either not receiving or not processing New-AP messages from STM. If all else fails, restart the AUTH process by executing **process restart auth** or reload the controller.
132025	Station [mac:%m] [bssid:%m] is not enabled for pre-auth. **Description:** Preauthentication is always disabled
132026	Station [mac:%m] [bssid:%m] trying to pre-authenticate with AP that does not have WPA2 enabled **Description:** Station trying to preauhenticate with AP that is not WPA2 enabled. Configure the ssid-profile to enable WPA2 and reload the AP.
132027	Station [mac:%m] associating to Unknown AP [bssid:%m] [menc:%d] [vl:%d] **Description:** Station is trying to associate with AP that is not registered. This log-message is generated when we detect a race-condition between STM, SOS and AUTH. AUTH is receiving EAP packets from SOS before it received the New-AP message from STM. If not, try rebooting the AP by executing **apboot** or powercycling the AP. If symptoms persist, then AUTH is either not receiving or not processing New-AP messages from STM. If all else fails, restart the AUTH process by executing **process restart auth** or reload the controller.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132029	Station [mac:%m] [bssid:%m] sent Unsupported EAPOL Type [type:%d] **Description:** Station sent an unsupported EAPOL packet. **Recommended Action:** Ensure the station is configured properly to perform EAP authentication. If the problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132030	Dropping EAPOL packet sent by Station [mac:%m] [bssid:%m] **Description:** Dropping the EAPOL packet sent by the specified station. **Recommended Action:** Check preceding log-messages to determine the reason the EAPOL packet is being dropped.
132032	Invalid length in the [msg:%s] from Station [mac:%m] [bssid:%m] [len:%d] **Description:** Station sent the specified packet with invalid length. **Recommended Action:** Ensure the station is configured properly to perform EAP authentication. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132033	Invalid WPA Key Description Version [ver:%d] Station [mac:%m] **Description:** Station sent a WPA key message with invalid version. **Recommended Action:** Ensure the station is configured properly to perform EAP authentication. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132035	Invalid WPA2 Key Description Version [ver:%d] Station [mac:%m] **Description:** Station sent a WPA key message with invalid version. **Recommended Action:** Ensure the station is configured properly to perform EAP authentication. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132036	Station [mac:%m] [bssid:%m] sent Unknown EAP-Request [eaptype:%d] **Description:** Station send an EAP packet that is invalid. **Recommended Action:** Ensure the station is configured properly to perform EAP authentication. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132037	Station [mac:%m] [bssid:%m] sent username greater than [MAX_USERNAME_SIZE:%d] **Description:** The user name sent by the station is larger than the maximum size supported. **Recommended Action:** Configure station to use a shorter username and attempt authentication again.
132038	Station [mac:%m] [bssid:%m] sent Unsupported EAP type [eaptype:%d]] **Description:** Station sent an EAP packet that is not supported. **Recommended Action:** Ensure the station is configured correctly to perform an EAP authentication method that is supported by the controller. Ensure that the aa a-profile associated with the authentication request matches the authentication-method the client is sending to authenticate. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132039	Station [mac:%m] [bssid:%m] sent Unsupported EAP Code [eapcode:%d] **Description:** Station send an EAP packet with unknown EAP code. Ensure the station is configured correctly to perform an EAP authentication method that is supported by the Dell controller. Ensure that the aaa-profile associated with the authentication request matches the authentication-method the client is sending to authenticate. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132040	Station [mac:%m] [bssid:%m] sent Unsupported MD5 EAP type [eaptype:%d]. **Description:** Station sent an EAP packet that is not supported. Ensure the station is configured correctly to perform an EAP authentication method that is supported by the Dell controller. Ensure that the aaa-profile associated with the authentication request matches the authentication-method the client is sending to authenticate. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132042	Sending empty username for user [mac:%m] - WPS is not enabled on AP [bssid:%m] [apname:%s] **Description:** Station sent no user name in the EAP Identity Request message.Ensure the station is configured correctly to perform EAP authentication. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132045	Error remove stateful dot1x ACL **Description:** Failed to remove the Acts configured for stateful dot1x authentication from the stateful_role or logon_role. **Cause:** This is because the **stateful-dot1x** ACL is not associated with the stateful_role or logon_role. **Recommended Action:** Since we are disabling stateful-dot1x anyway, no further action is required.
132049	"Received Invalid digest from Server [srvip:%p], AP [ip:%p] **Description:** Received radius packet with invalid digest during stateful dot1x authentication. **Cause:** This error suggests a possible man-in-the-middle attack. **Recommended Action:** Contact your administrator to check status of your Radius server. Radius packet will be dropped.
132050	"No Stateful configuration found that could verify the stateful response. [nasip:%p], [srvip:%p] **Description:** No server config entry was found for verifying the stateful dot1x response. **Recommended Action:** Verify that the Radius server in question is configured in the applicable server-group on the controller.
132051	Failed to validate stateful radius response [nasip:%p] [srvip:%p] station [mac:%m] **Description:** Stateful dot1x authentication failed because validation failed. **Recommended Action:** Refer to previous log-message. If CONFIG_NOTFOUND, verify that the Radius server in question is configured in the applicable server-group on the controller. Otherwise, this may be a potential man-in-the-middle attack.Contact your administrator to validate the status of your Radius sever."
132053	Dropping the radius packet for Station [mac:%m] [bssid:%m] doing 802.1x **Description:** Radius packet for the specified station is dropped. **Cause:** Either the station has disconnected, has already authenticated or it is busy. **Recommended Action:** If reauthentication is required, the station will request authentication again.
132055	"[__FUNCTION__:%s]: missing configuration for dot1x profile \""[prof:%s]\"" **Description:** Specified Dot1x profile is not configured or has been deleted. **Recommended Action:** Validate that the controller configuration contains the specified dot1x profile.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132056	"[__FUNCTION__:%s]: missing server-group configuration for dot1x in aaa-profile \""[prof:%s]\"" for Station [mac:%m] [bssid:%m] **Description:** Specified server group for dot1x authentication in the aaa profile is not configured or has been deleted. **Recommended Action:** Validate that the controller configuration contains the specified server-group profile.
132057	Failed to send the radius request for Station [mac:%m] [bssid:%m] **Description:** Radius request for specified station is being dropped due to lack of system resources. **Recommended Action:** Free up system memory and other resources by throttling user-authentication requests.
132059	Multicast Key type of the AP [bssid:%m] [apname:%s] is not static-wep or dynamic-wep **Description:** Multicast key type is not static wep or dynamic wep for the specified AP. **Recommended Action:** Confirm that the specified ssid-profile is configured for WEP
132060	Unknown Multicast Key-type [menc:%d] for AP [mac:%m] [apname:%s] **Description:** The multicast key type for the specified AP is not known. **Recommended Action:** Validate the SSID-profile associated with the AP and reboot the AP.
132061	AP [bssid:%m] [apname:%s] configured with aaa profile [prof:%s] does not have an associated dot1x profile **Description:** No dot1x profile is configured for the specified aaa profile. **Recommended Action:** Configure a dot1x profile in the specified aaa profile.
132062	Wrong slot configured for AP [bssid:%m] [apname:%s] **Description:** Invalid key slot configured for the specified AP. This should never happen. **Recommended Action:** If this happens, an internal error has occurred. Reboot your controller.
132063	WPA Preshared Key not configured for AP [mac:%m] **Description:** WPA Preshared Key is not configured for the specified AP. **Recommended Action:** Configure a WPA Preshared Key for this AP.
132064	WPA Passphrase not configured for AP [bssid:%m] [apname:%s] **Description:** WPA passphrase not configured for the specified AP. **Recommended Action:** Configure a WPA Passphrase for this AP.
132065	AP [mac:%m] [apname:%s] configured with invalid static-wep key length [slot:%d] [size:%d] **Description:** AP is configured with invalid Static WEP key length. The valid key length is 40bits or 128bits. **Recommended Action:** Configure the AP with either a 40bit or 128bit key.
132069	No Radius server configuration with [srvip:%p] available for creating Stateful AP Configuration entry **Description:** While automatically creating stateful dot1x configuration entry the radius server specified was not found. **Recommended Action:** Configure the specified radius server configuration and try again.
132073	Wrong WPA OUI Element [oui:%d] from Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Station sent WPA key message with invalid OUI element. **Recommended Action:** Identify the station and investigate why it is sending incorrect data.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132074	Version [stver:%d] does not match [apver:%d] in the [msg:%s] IE Elements from Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Station sent WPA key message with invalid Version. **Recommended Action:** Identify the station and investigate why it is sending incorrect data.
132075	Multicast cipher from Station [mac:%m] [stmc:%X] does not match with AP [bssid:%m] [apmc:%X] [apname:%s] **Description:** Mismatch in the multicast ciphers specified by the station and AP. **Recommended Action:** Identify the station and investigate why it is sending incorrect data.
132076	Station [mac:%m] [bssid:%m] [apname:%s] sent invalid number of unicast ciphers [uc:%d] **Description:** Station sent invalid number of unicast cipher in the WPA IE element. **Recommended Action:** Identify the station and investigate why it is sending incorrect data.
132077	Station's [mac:%m] [stuc:%X] and AP's [bssid:%m] [apuc:%X] [apname:%s] unicast cipher suites does not match **Description:** Mismatch in the unicast cipher specified by the station and the AP
132078	Station [mac:%m] [bssid:%m] [apname:%s] sent invalid number of key management suite [km:%d] **Description:** Station sent invalid number of key management suite in the WPA IE element
132079	Station's [mac:%m] [stkm:%X] and AP's [bssid:%m] [apkm:%X] [apname:%s] key management suites does not match **Description:** Mismatch in the key management suite specified by the station and the AP
132080	Station [mac:%m] [bssid:%m] [apname:%s] did not specify the multicast cipher and the configured multicast cipher [mc:%X] did not match the default cipher TKIP **Description:** Station did not specify any multicast cipher and the multicast cipher specified by the is not TKIP
132081	Station [mac:%m] [bssid:%m] [apname:%s] did not specify the unicast cipher and the configured unicast cipher [mc:%X] did not match the default cipher TKIP **Description:** Station did not specify any unicast cipher and the multicast cipher specified by the AP is not TKIP
132082	Station [mac:%m] [bssid:%m] [apname:%s] did not specify the key management selector and the configured key management [km:%X] did not match the default - 802.1x **Description:** Station did not specify any key management selector and the configured key management on the AP is not 802.1x
132083	[Num:%d] TKIP Michael MIC failure was detected **Description:** Specified number of TKIP MIC failure was detected
132084	Two TKIP Michael MIC Failures were detected within [last_scan_time:%d] seconds.AP will be shutdown for next 60 seconds **Description:** Two MIC failures was received from the station within 60 secs. **Recommended Action:** The AP must be shutdown for 60 secs

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132085	Maximum number of %s Key exchanges attempted for station [name:%s] [mac:%m] [bssid:%m] [apname:%s] **Description:** Maximum number of key exchanges was attempted for the station
132088	"Invalid WPA [ver:%d] Key message from Station [mac:%m] [bssid:%m] [apname:%s], reason:ACK bit set **Description:** WPA key message with ACK bit set was received from the station. This is invalid
132089	"Invalid WPA [ver:%d] Key message from Station [mac:%m] [bssid:%m] [apname:%s],reason: Error flag without Request bit set **Description:** WPA key message with error flag without request bit set was received from the station. This is invalid
132090	Received TKIP Michael MIC Failure Report from the Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Specified Station sent TKIP MIC failure report
132091	Wrong key type [kt:%d] in [msg:%s] from Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Station sent wrong key type in the WPA key message
132092	Request bit set in [msg:%s] from Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Station sent WPA key message with request bit set
132093	[msg:%s] from Station [mac:%m] [bssid:%m] [apname:%s] did not match the replay counter [stcnt1:%d][stcnt2:%d] vs [apcnt1:%d][apcnt2:%d] **Description:** Station and AP's replay counter does not match. The WPA key message from the station has to be dropped
132099	[msg:%s] from Station [mac:%m] [bssid:%m] [apname:%s] has invalid datalen [ln:%d] != 0] **Description:** Station sent WPA key message with invalid key length
132104	Invalid character in the passphrase [ch:%c] **Description:** Invalid characters in the WPA passphrase
132105	Invalid password len [ln:%d] **Description:** Invalid WPA passphrase length
132106	Invalid ssid len [ln:%d] **Description:** Invalid SSID length
132113	Station's [mac:%m] [strsn:%X] and AP's [bssid:%m] [aprsn:%X] [apname:%s] RSN Capability does not match **Description:** Station and AP's RSN capability does not match
132114	Failed to add xSec station [mac:%m] to AP [bssid:%m] **Description:** Failed to add xSec station to AP's station table
132147	Invalid length [ln:%d] during inner EAP handling **Description:** Station sent invalid length in the inner eap
132149	MAC User Table Lookup Failed mac=[mac:%m] bssid=[bssid:%m] **Description:** Specified MAC is missing in the MAC User Table while trying to process the dot1x packet.

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132150	Station [mac:%m] [bssid:%m] does not have 802.1x context **Description:** Station [mac:%m] [bssid:%m] does not have 802.1x context.
132152	802.1x termination is disabled user [mac:%m], profile [dot1x_auth_profile:%s] **Description:** 802.1x termination is disabled for the specified profile.
132155	Station [mac:%m] [bssid:%m] sent inner EAP type [eaptype:%d] that is not supported **Description:** Station sent inner eap type that is not supported.
132156	Station [mac:%m] [bssid:%m] sent inner EAP Start **Description:** Station sent inner EAP start packet. This is invalid.
132157	Station [mac:%m] [bssid:%m] sent inner EAP packet with more-fragments bit set **Description:** Station sent inner EAP packet with more fragment bit set. This is invalid.
132158	Station [mac:%m] [bssid:%m] sent invalid EAP flag **Description:** Station sent invalid flag in the inner EAP packet.
132159	Station[mac:%m] [bssid:%m] sent invalid inner EAP Packet [eaplen:%d] **Description:** Station sent invalid len in the inner EAP packet.
132161	Station [mac:%m] [bssid:%m] sent Invalid TLS Record Layer Type [tlsrectype:%d] **Description:** Station sent invalid TLS record layer type.
132162	Station [mac:%m] [bssid:%m] sent with unsupported TLS client version [ver:%X] **Description:** Station sent unsupported TLS client version.
132165	Station[mac:%m] [bssid:%m] sent invalid MAC in the TLS Record layer **Description:** Station send invalid MAC in the TLS record layer.
132166	Station[mac:%m] [bssid:%m] sent more than one TLS Application Data Record Layer **Description:** Station send more than one TLS application data record layer.
132167	Verification of TLS Record Layer from Station [mac:%m] [bssid:%m] failed **Description:** Verification of the TLS record layer from the station failed.
132171	"Received EAP-NAK from Station [mac:%m] [bssid:%m], Station is configured with [eaptype:%s] **Description:** Station sent inner eap-nak.
132177	Station [mac:%m] [bssid:%m] sent client finish is that is not 3DES encrypted **Description:** Station send client finish that is not 3DES encrypted. This is not supported
132179	Failed to decrypt the client finish message from Station [mac:%m] [bssid:%m] **Description:** Station sent the client finish message that failed to decrypt
132180	Station [mac:%m] [bssid:%m] sent Unknown SSL type in the client finish header [type:%d] **Description:** Station sent unknown SSL type in the client finish header
132182	Verify data sent by the Station [mac:%m] [bssid:%m] is not valid **Description:** Verify data sent by the specified station in not valid

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132185	Failed to send the server finish for Station [mac:%m] [bssid:%m] **Description:** Failed to send server finish for the specified station
132188	No user-name found in the inner EAP id response from Station [mac:%m] [bssid:%m] **Description:** Station did not send any user name in the inner EAP id response
132195	Invalid EAP code [code:%d] in the EAP-TLV/Phase2 response from Station [mac:%m] [bssid:%m] **Description:** Station sent invalid EAP code in the TLV response
132196	Invalid EAP TLV-Type [tlv_type:%d] in the EAP-TLV/Phase2 response from Station [mac:%m] [bssid:%m] **Description:** Station sent invalid TLV type
132197	"Maximum number of retries was attempted for station [name:%s] [mac:%m] [bssid:%m], deauthenticating the station **Description:** Maximum number of retries was attempted for station to complete the authentication phase. **Recommended Action:** Deauthenticating the station
132198	Failed to load the CA List File [file:%s] **Description:** Failed to load the specified CA List File for 802.1x termination
132199	Failed to set up SSL buffers **Description:** Failed to set up SSL buffers
132200	Received TLS Client Finish but the client certificate [mac:%m][bssid:%m] is not verified **Description:** Received TLS Client Finish but the client certificate is not verified
132201	Failed to cache EAP-GTC authentication info of Station [name:%s] [mac:%m] [bssid:%m] in the Local Database Server **Description:** Failed to cache EAP-GTC authentication information of the station in the Internal server
132203	"Station [mac:%m][bssid:%m] sent a EAP-NAK, requesting unsupported inner-eap-type [type:%d] **Description:** Unsupported inner-eaptype requested by station
132204	Inner eapid mismatched [id1:%d]:[id2:%d] for station [mac:%m] [bssid:%m] **Description:** Mismatch between the eapid station sent and what was expected
132205	Invalid inner-eaptype configured [eaptype:%d] **Description:** Configured eaptype is not supported
132206	Multiple user name attributes in response packet. **Description:** The RADIUS response packet is invalid because it contains multiple user name attributes
132207	RADIUS reject for station [name:%s] [mac:%m] from server [server:%s]. **Description:** Radius packet for the specified station was rejected by the server.
132208	Station setup failed [mac:%m] [bssid:%m] [apname:%s] [uenc:%s] [menc:%s] **Description:** Station failed to start the security association

Table 6 *Security Error Messages (Continued)*

Message ID	Message and Description
132209	No unicast ciphers supported by AP [bssid:%m] [apname:%s] **Description:** No unicast ciphers supported by AP with WPA2 opcode
132210	"Error in cb msg processing, message to [ip:%s]:[port:%d]([app_name:%s]),[msg_code:%d], Msglen [len:%d], and Msgtype [msg_type:%d] failed with Errno [errno:%d], Errstr [errstr:%s] " **Description:** Error occurred during key propagation for a client in split/bridge/d-tunnel mode for DWEP/AES/TKIP encryption. **Recommended Action:** The msg is corrupted, retry the authentication to resolve the issue.
132211	Station [mac:%m] [bssid:%m] sent a cert from which we couldn't extract the public key **Description:** Station sent a cert from which we couldn't extract the public key
132212	Station [mac:%m] [bssid:%m] certificate signature verification failed. **Description:** Station sent a cert, but the certificate signature verification failed.
132217	Failed to convert cert into DER format before sending to certmgr. **Description:** Failed to convert cert into DER format before sending to certmgr.
132221	Invalid EAP type [eaptype:%d] received for station[mac:%m][bssid:%m] configured in termination mode **Description:** Received invalid EAP type for station that is configured in termination mode
132222	Received EAP packet on the wrong BSSID for station [mac:%m][bssid:%m] **Description:** Received EAP packet on the wrong BSSID.
132224	Station [mac:%m] [bssid:%m] sent Unsupported EAP code [eapcode:%d]] **Description:** Station sent an EAP packet that is not supported. Ensure the station is configured correctly to perform an EAP authentication method that is supported by the Dell controller. **Recommended Action:** Ensure that the aaa-profile associated with the authentication request matches the authentication-method the client is sending to authenticate. If problem persists, check for packet-corruption by capturing sniffer-traces between client, AP and controller.
132225	MAC Authentication was not done for station [mac:%m] [bssid:%m] **Description:** MAC Authentication was not done for the specific station
132226	MAC Authentication was not successful and l2-fail-thru is not enabled for station [mac:%m] [bssid:%m] **Description:** MAC Authentication was not successful and l2 fail thru knob was not enabled for the specific station
132229	Failed to publish PMK Cache to GSM channel for Station [mac:%m] [bssid:%m] **Description:** Failed to publish PMK Cache to GSM channel for the specified station
132230	Failed to publish Key Cache to GSM channel for Station [mac:%m] **Description:** Failed to publish Key Cache to GSM channel for the specified station

Warning Messages

Table 7 *Security Warning Messages*

Message ID	Message and Description
106010	"AM [bssid:%s]: Containment enabled on Suspect Rogue AP: BSSID [ap_bssid_str:%s], SSID [ssid:%s], Conf-Level [conf_level:%d] " **Description:** Containment has been enabled for a suspected rogue AP because the confidence level for that AP equals or exceeds the configured value for that setting
121004	RADIUS server [name:%s]-[fqdn:%s]-[ipaddr:%s]-[sin_port:%u] timeout for client=[cbuf:%s] auth method [server:%s]. **Description:** RADIUS Server is unreachable. The server could be down or there is connectivity problem. **Recommended Action:** Check RADIUS server connectivity
121006	RADIUS server [name:%s]-[fqdn:%s]-[ipaddr:%s]-[sin_port:%u] timeout for client=[cbuf:%s] auth method [server:%s]. **Description:** RADIUS Server is unreachable. The server could be down or there is connectivity problem. **Recommended Action:** Check RADIUS server connectivity .
121007	RADIUS (RFC 3576): Ignoring request from client [srv_ipaddr:%s] port([srv_port:%d]) with unknown code [code:%d]. **Description:** A request was received on RADIUS port 3799 (RFC 3576) with unknown code. **Recommended Action:** Check RADIUS server and RFC 3799 client configuration.
132058	Vendor Id [vid:%d] not supported **Description:** Vendor ID in the radius response is not supported. Radius packet will be dropped.
132094	MIC failed in [msg:%s] from Station [mac:%m] [bssid:%m] [apname:%s] **Description:** Station sent an WPA key message whose MIC verification failed

Notice Messages

Table 8 *Security Notice Messages*

Message ID	Message and Description
106000	AM [bssid:%s]: Potentially rogue AP detected BSSID [bssid_str:%s] SSID [ssid:%s] MATCH MAC [mac:%s] **Description:** An AP has been detected with conditions that may cause it to be classified as a rogue (unsecure) or suspected rogue
106001	AM [bssid:%s]: Potentially rogue AP detected BSSID [bssid_str:%s] SSID [ssid:%s] **Description:** An AP has been detected with conditions that may cause it to be classified as a rogue (unsecure) or suspected rogue
106005	AM: Wireless containment: Sending type [subtype:%s] to AP [bssid:%s] from STA [mac:%s] channel [channel:%d] **Description:** No description available.
106006	AM: Wireless containment: Sending type [subtype:%s] from AP [bssid:%s] to STA [mac:%s] channel [channel:%d] **Description:** No description available.

Table 8 *Security Notice Messages*

Message ID	Message and Description
106012	AM: Wireless tarpit containment: Sending Probe-Response with fake channel from AP [bssid:%m] to STA [mac:%m] on channel [channel:%d] with fake_channel [fc:%d] **Description:** No description available.
106013	AM: Wireless tarpit containment: Sending Probe-Response with fake BSSID for frame from AP [bssid:%m] to STA [mac:%m] on channel [channel:%d] with fake_bssid [fbssid:%m] **Description:** No description available.
106014	AM: Wireless tarpit containment: Sending Auth reply for frame from AP [bssid:%m] to STA [mac:%m] on channel [channel:%d] with algorithm [alg:%d] transaction [xn:%d] seq [seq:%d] **Description:** No description available.
106015	AM: Wireless tarpit containment: Sending Assoc-Response for frame from AP [bssid:%m] to STA [mac:%m] on channel [channel:%d] with aid [aid:%d] seq [seq:%d] **Description:** No description available.
106016	AM: Wireless tarpit containment: Client [mac:%m] is in tarpit for fake BSSID [bssid:%s] on channel [channel:%d] **Description:** No description available.
106017	AM: Wireless tarpit containment: Client [mac:%m] is in tarpit for fake channel [channel:%d] for BSSID [bssid:%m] **Description:** No description available.
121015	"Purge Request: [packet_id:%d], [srv_ipaddr:%s], [fd:%d], [timer_id:%d]" **Description:** A new config was received (write memory on master), hence purging all the pending radius requests.
121017	Unknown vendor or attribute ID [vendor:%d]/[attrid:%d] in [func:%s]. **Description:** The RADIUS vendor or the attribute ID is not known. **Recommended Action:** Use **show aaa radius-attributes** command to check if the vendor or attribute ID is supported.
121032	"Purge Request: [packet_id:%d], [srv_ipaddr:%s], [fd:%d], [timer_id:%d]" **Description:** Radius Client IP change, hence purging all the pending radius requests

Information Messages

Table 9 *Security Information Messages*

Message ID	Message and Description
106009	AM: Wired Containment: MAC:[mac_addr:%s] IP:[ip:%s] **Description:** No description available.
106011	AM: Wired Containment Tagged: MAC:[mac_addr:%s] IP:[ip:%s] VLAN:[vlanid:%d] GW-MAC:[gw_mac:%s] GW-IP:[gw_ip:%s] **Description:** No description available.
121034	RADIUS attribute not sent: [attribute:%s] **Description:** Controller has a reference to a RADIUS attribute that will be dropped.

Table 9 *Security Information Messages*

Message ID	Message and Description
121035	RADIUS type not sent: [type:%s] **Description:** Controller has a reference to a RADIUS type that will be dropped.
132000	xSec is enabled wired usersx **Description:** Sec is enabled for wired users
132001	xSec is disabled for wired usersx **Description:** Sec is disabled for wired users
132019	Station [name:%s] [mac:%m] was Machine authenticated **Description:** Station successfully authenticated the machine account
132020	Station [name:%s] [mac:%m] failed Machine authentication update role [rl:%s] **Description:** Station failed to authenticate the machine account
132021	Station [mac:%m] [bssid:%m] entered Held state **Description:** Authenticator is in the held state for the specified station. In this state no response from the station is accepted till the end of quiet period. This is done to avoid DOS attacks.
132028	Dropping EAPOL request from Station [mac:%m] reason:AP [bssid:%m] [apname:%s] only is configured for Static-WEP **Description:** Station is trying to send EAP packets to AP that is only configured with Static-WEP. **Recommended Action:** Either configure your client to support static-WEP authentication or configure the ssid-profile on the controller to support an 802.1x authentication method.
132044	Enabled Stateful Radius" **Description:** Stateful Dot1x is enabled. Controller will start monitoring EAPOL frames to track authentication status.
132048	Disabled Stateful Radius"Stateful Dot1x is disabled. **Description:** Controller will stop monitoring EAPOL frames to track authentication status.
132066	Station[mac:%m] [bssid:%m] [apname:%s] [vl:%d] [gretype:%d] VLAN has been updated **Description:** Station VLAN has been changed. **Cause:** This is because of VLAN derivation rules
132067	Cleaning up the Stateful AP Configuration **Description:** Clear all the stateful dot1x configuration entries
132068	Removing all the Stateful config entries. **Description:** Remove all stateful dot1 configuration entries.
132070	Removing trusted AP [mac:%m] **Description:** Remove the Trusted AP with the specified MAC address.
132071	Added trusted AP [mac:%m] **Description:** Add the trusted AP with the specified MAC address.
132086	"WPA [ver:%d] Key exchange failed to complete, de-authenticating the station [mac:%m] associated with AP [bssid:%m] [apname:%s] " **Description:** WPA key exchange failed to complete, deauthenticating the station

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Table 9 *Security Information Messages*

Message ID	Message and Description
132131	FIPS mode is enabled. **Description:** FIPS mode is enabled.
132132	FIPS mode is disabled **Description:** FIPS mode is disabled.
132133	WPA Countermeasure is enabled **Description:** WPA Countermeasure is enabled
132134	WPA Countermeasure is disabled **Description:** WPA Countermeasure is disabled
132202	Successfully downloaded the certs [rootcert:%s] [servercert:%s] for EAP termination **Description:** Successfully downloaded the certificates for EAP termination
132218	Skipping certificate common name check for username=[user:%s] MAC=[mac:%s] **Description:** Based on configuration settings, the check for the certificate common name against a AAA server was skipped.
132219	MAC=[mac:%s] Local User DB lookup result for Machine auth=[r3:%s] Role=[r4:%s] **Description:** Local user database lookup result for Machine authentication status.

Debug Messages

Table 10 *Security Debug Messages*

Message ID	Message and Description
121031	\[[file:%s]:[line:%d]] [message:%s] **Description:** aaa module's debug message
121037	[func:%s]: sta_add_rad_class_attr failed. **Description:** This shows an internal debug message
121038	Save Class in station for MAC [mac:%s]. **Description:** This shows an internal debug message
121039	[func:%s]: sta_update_last_authserver failed. **Description:** This shows an internal debug message
121040	[func:%s]: last_authserver [authserver:%s]. **Description:** This shows an internal debug message
121041	User [user:%s] MAC=[mac:%s] not found. **Description:** This shows an internal debug message
121042	[func:%s]: Server FQDN is '[server:%s]', IP Address is '[ipaddr:%s]'. **Description:** This shows an internal debug message
121043	[func:%s]: Server FQDN '[fqdn:%s]' not found in hash. **Description:** This shows an internal debug message

Table 10 *Security Debug Messages*

Message ID	Message and Description
121044	Radius authenticate user ([user:%s]) PAP query using server [server:%s]. **Description:** This shows an internal debug message
121045	[func:%s]: sta_update_last_srv_grp failed. **Description:** This shows an internal debug message
121046	[func:%s]: last_srv_grp [last_srv_grp:%s]. **Description:** This shows an internal debug message
121050	[msg:%s] **Description:** This is an internal RADIUS debug log
132007	Clearing Station state on AP [bssid:%m] **Description:** Station is forced to be cleared from the AP's stations table
132022	Station [mac:%m] [bssid:%m] sent 802.1x packet before association/l2 miss - dropping packet **Description:** Received an EAP packet from the station before receiving an association/l2 miss message. **Cause:** This log-message is generated when we detect a race-condition between STM, SOS and AUTH. AUTH is receiving association-request messages from STM before it received the L2-Miss message from SOS. **Recommended Action:** If symptoms persist, then AUTH is either not receiving or not processing L2-Miss messages from SOS. Restart the AUTH process by executing ""process restart auth"" or reload the controller.
132047	Disabling Stateful 802.1x - removing all Stateful Config entries **Description:** Removing all the stateful dot1x config entries that was created
132213	Failed to perform revocation check for client cert **Description:** Auth failed to contact certmgr to perform revocation check for client cert
132214	Client certificate for mac [mac:%m] and bssid [bssid:%m] has been revoked **Description:** Client certificate has been revoked
132215	Client certificate for mac [mac:%m] and bssid [bssid:%m] has NOT been revoked **Description:** Client certificate has not been revoked
132216	Revocation check request for mac [mac:%m] and bssid [bssid:%m] sent to certmgr **Description:** Auth sent a revocation check request to certmgr process
132220	Debug Log **Description:** Debug Log
132223	EAP-ID mismatched [id1:%d]:[id2:%d] for station [mac:%m] [bssid:%m] **Description:** Mismatch between the eapid station sent and what was expected.
132227	EAPOL-Logoff ignored for station [mac:%m] [bssid:%m] **Description:** EAPOL-Logff ignored for the specific station.
132228	Station [mac:%m] got stm-msg with bssid = [bssid:%m] while sap-bssid = [sapbssid:%m] **Description:** Should not delete the specified station for this station down.

Emergency Messages

Table 11 *System Emergency Messages*

Message ID	Message and Description
330203	MESHD process initialization failed. **Cause:** MESHD process initialization failed possibly because the mesh-node is not correctly provisioned. **Recommended Action:** Re-provision the AP. Contact Dell technical support if this problem persists.
330204	MESHD process exiting. No MESH role was specified. **Cause:** No MESH role was specified. **Recommended Action:** Re-provision the AP. Contact Dell technical support if this problem persists.
330205	MESHD process exiting. No MESH cluster profile was specified. **Cause:** No MESH cluster profile was specified. **Recommended Action:** Re-provision the AP. Contact Dell technical support if this problem persists.
341008	[msg:%s] **Description:** No description available.

Alert Messages

Table 12 *System Alert Messages*

Message ID	Message and Description
341007	[msg:%s] **Description:** No description available.
341091	[func:%s]: [line:%d]: out of memory. **Description:** The AP is upgrading image from awc.
341276	Could not program ACL = [acl:%d] to datapath. **Description:** Datapath ACL programming failed.
341286	Could not download the required file, reason [reason:%s]. **Description:** Could not download the required file
341287	Managed mode: Could not apply the config fetched from server [reason:%s], error code [error_code:%d]. **Description:** Could not apply the configuration fetched from server.

Critical Messages

Table 13 *Critical System Messages*

Message ID	Message and Description
341006	[msg:%s] **Description:** No description available.
341275	VPN tunnel switch to [tunnel:%s], reason:[reason:%s]. **Description:** VPN tunnel switch.
341279	**Description:** Managed mode: Could not download the configuration from the server. **Recommended Action:** Could not download the configuration from the server.

Error Messages

Table 14 *Error System Messages*

Message ID	Message and Description
304000	Unexpected stm (Station management) runtime error at [func:%s], [line:%d]. **Description:** Unexpected condition occurred in the station manager (stm). **Recommended Action:** Contact your support provider
304001	Unexpected stm (Station management) runtime error at [func:%s], [line:%d], [data:%s]. **Description:** Unexpected condition occurred in the station manager (stm). **Recommended Action:** Contact your support provider
304035	PAPI_Send failed: [error:%d]; from [sport:%d] to [toaddr:%p]:[toport:%d] len [len:%d] type [type:%d]. **Description:** Inter-process communication message failed to reach the target.
304039	VPOOL: Maximum capacity ([count:%d]) reached for Vlan Pool hash table **Recommended Action:** Contact your support provider
304040	VPOOL: Vlan Pool hash table ([vap:%s]) collision at [entry:%d]. Not handled! **Recommended Action:** Contact your support provider
304041	VPOOL: Error allocating VLAN from Virtual AP pool [name:%s] **Recommended Action:** Contact your support provider
304045	Connection to User DB failed **Description:** The application was not able to connect to the user database.
304046	Creation of Client Blacklist tables in User DB failed **Description:** The application was not able to create the Client Blacklist tables in the user database.
304047	SQL Command [command:%s] failed on User DB. Reason: [reason:%s] **Description:** This log indicates that an SQL command failed when it was executed on the user database.
304049	Update to client blacklist database table failed. **Description:** This log indicates that an update to the client blacklist database table failed.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
304054	Client blacklist is full and caused an entry to not be added. Limit: [limit: %d]. **Description:** This log indicates that the client blacklist table is full and an entry that would have been added could not be added.
304055	Contact Dell tech-support."Unexpected stm (Station management) runtime error at [func:%s], [line:%d], [data:%s] **Description:** Unexpected condition occurred in the station manager (stm)
304058	PAPI_Send failed, [func:%s], [line:%d]: [error:%s]; opcode [opcode:%d] action [action:%d] **Description:** Inter-process communication message failed to reach datapath.
304060	[func:%s], [line:%d]: Sibyte reply truncated; opcode [opcode:%d] action [action:%d] **Description:** Datapath reply to PAPI message sent is truncated.
304062	PAPI_Send failed, [func:%s], [line:%d]: [error:%s] **Description:** Inter-process communication message failed to reach auth manager.
304063	PAPI_Send failed, [func:%s], [line:%d]: [error:%s] **Description:** Inter-process communication message failed to reach air monitor.
304064	PAPI_Send failed, [func:%s], [line:%d]: [error:%s], dstport [dst:%d], msgcode [code:%d] **Description:** Inter-process communication message failed to reach destination.
304065	PAPI_Send failed, [func:%s], [line:%d]: [error:%s], dstport [dst:%d] **Description:** Inter-process communication message failed to reach destination.
304067	PAPI_Send failed: [func:%s], [line:%d]: [error:%s]; from [sport:%d] to [toaddr:%p]:[toport:%d] len [len:%d] type [type:%d] **Description:** Inter-process communication message failed to reach the target.
311013	Image upgrade failed; details follow. **Description:** The AP was unable to upgrade its image. Message 311014 will follow with details about the error.
311014	[line:%s] **Description:** This message presents detailed information about an AP image upgrade error.
311016	Unable to create domain list file **Description:** Internal error occured while accessing domain lists file.
311017	Error occured while resolving IP's for domains **Description:** Internal error occured while resolving the domain names **Recommended Action:** Contact your support provider
311018	Unable to read domain results file **Description:** Internal error occured while processing the domain results file **Recommended Action:** Contact your support provider
311019	Unable to generate certificate signing request (CSR). AP will reboot. **Description:** The access point was unable to generate a certificate signing request (CSR). **Recommended Action:** Contact your support provider

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
311020	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
311021	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
311022	Error allocating memory at file [file:%s] function [function:%s] line [line:%d]. Allocating [bytes:%d] bytes. **Description:** System failed to allocate memory at the specified location **Recommended Action:** Use the show memory and the show process commands to monitor memory usage. If the problem persist, contact your support provider
311023	Error allocating memory at file [file:%s] function [function:%s] line [line:%d]. Allocating [bytes:%d] bytes. **Description:** System failed to allocate memory at the specified location **Recommended Action:** Use the show memory and the show process commands to monitor memory usage. If the problem persist, contact your support provider
311027	[msg:%s] **Description:** No description available.
326054	AM: read error - [recvlen:%d] **Description:** No description available.
326055	AM: Received frame of size 0 from driver: Is-RX=[rx:%d] BufLen= [buf_len:%d] Channel=[ch:%d] **Description:** No description available.
326063	AM: INET not configured in this system **Description:** No description available.
326068	AM: Cannot retrieve ARP info **Description:** No description available.
326071	AM: System encountered an internal communication error. Error occurred when message was sent from source application [src:%s] destination application [dst:%s] at file [file:%s] function [func:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that application processes in the system encountered an error when sending messages to each other. **Cause:** This could be a transient condition and the problem may go away. **Recommended Action:** If the problem persists, contact your support provider
326143	AM: Received incorrect number of Rate Threshold Profile instances: [np:%d] **Description:** No description available.
326183	AM: Can't get STA_INFO for [ifname:%s]:[rval:%d] **Description:** No description available.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
326267	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
326268	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
326269	AM: System encountered an internal communication error. Error occurred when message is being sent from source application [src:%s] destination application [dst:%s] at file [file:%s] function [func:%s] line [line:%d]. **Description:** This log indicates that the application processes, in the system, encountered an error while sending messages to each other. This may be a transient condition and the problem might resolve itself. **Recommended Action:** Contact your support provider
326270	AM: Error allocating memory at file [file:%s] function [function:%s] line [line:%d]. Allocating [bytes:%d] bytes. **Description:** System failed to allocate memory at the specified location **Recommended Action:** Execute the show memory and show process commands to view and monitor memory usage. If the problem persists, contact your support provider.
326281	AM:SM: An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that we encountered an internal system error **Recommended Action:** Contact your support provider
330201	System encountered an internal communication error. Error occurred when message is being sent from source application [src:%s] destination application [dst:%s] at file [file:%s] function [func:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that application processes in the system encountered an error sending messages to each other. **Cause:** This could be a transient condition and the problem might go away. **Recommended Action:** If he problem persists, contact your support provider
330208	[msg:%s] **Description:** This log indicates a general error other than internal/communications errors. e.g. might point to a configuration problem.
330209	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
330210	An internal system error has occurred at file [file:%s] function [function:%s] line [line:%d] error [error:%s]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
330211	Error allocating memory at file [file:%s] function [function:%s] line [line:%d]. Allocating [bytes:%d] bytes. **Description:** System failed to allocate memory at the specified location **Recommended Action:** Use the show memory and show process command to monitor memory usage. If the problem persist, contact your support provider

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
330212	System encountered an internal communication error. Error occurred when message is being sent from source application [src:%s] destination application [dst:%s] at file [file:%s] function [func:%s] line [line:%d]. **Description:** This log indicates that application processes in the system encountered an error sending messages to each other. This could be a transient condition and the problem might go away. **Recommended Action:** IIf the problem persist, contact your support provider
341005	[msg:%s] **Description:** No description available.
341023	Error setting global LED mode at [node:%s]. **Description:** The AP is configuring LED mode.
341026	Fail to save configuration, error-[error:%s]. **Description:** The AP is saving configuration.
341027	Fail to initial configuration, error-[error:%s]. **Description:** The AP is initialing configuration.
341028	Image version format invalid: [version:%s]. **Description:** The AP is upgrading image.
341029	Compare image version fail, old version-[old_version:%s], current version-[new_version:%s]. **Description:** The AP is upgrading image.
341030	Upgrade version fail, from version [old_version:%s] to [new_version:%s]. **Description:** The AP is upgrading image.
341031	Retrieve image fail, retry [time:%d]. **Description:** The AP is loading configuration.
341033	Read configuration fail, error-[error:%s]. **Description:** The AP is loading configuration.
341034	Save configuration fail, error-[error:%s]. **Description:** The AP is saving configuration.
341036	[func:%s]: invalid image name. **Description:** The AP is upgrading image.
341037	Open image-[image:%s] fail. **Description:** The AP is upgrading image.
341038	Read image-[image:%s] header fail. **Description:** The AP is upgrading image.
341039	AP check image-[image:%s] version fail. **Description:** The AP is upgrading image.
341040	AP verify image-[image:%s] fail. **Description:** The AP is upgrading image.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
341041	AP basic verify image-[image:%s] fail. **Description:** The AP is upgrading image.
341042	AP check image-[image:%s] version for mesh fail. **Description:** The AP is upgrading image.
341044	AP can't open MTD device-[device:%s]. **Description:** The AP is setuping image.
341047	AP regulatory domains don't match Master-[id1:%d], slave-[id2:%d]. **Description:** The AP is upgrading image.
341048	Controller doesn't allow new AP-[mac:%s], reboot it. **Description:** The AP is upgrading image.
341049	[func:%s]: AP malloc sync list fail. **Description:** The AP is upgrading image.
341050	AP setup image fail, ret-[ret:%d]. **Description:** The AP is setuping image.
341051	AP vendor name not match, Master-[name1:%s], Slave-[name2:%s]. **Description:** The AP is setting up image.
341052	[func:%s], [line:%d]: AP class not match, Master-[class:%d], Slave-[class2:%d]. **Description:** The AP is setting up image.
341054	[func:%s]: can't find right iurl for AP-[mac:%s], [ip:%s], class [class:%s]. **Description:** The AP is upgrading image.
341055	[func:%s]: find right iurl for AP-[mac:%s], url [url:%s]. **Description:** The AP is upgrading image.
341056	AP can't find image file-[file:%s]. **Description:** The AP is upgrading image.
341058	AP download image state-[state:%d] error. **Description:** The AP is upgrading image.
341063	Could not open socket for [dip:%x]/[mask:%x]. **Description:** The AP is setting kernal route.
341064	Could not add route for [dip:%x]/[mask:%x]. **Description:** The AP is setting kernal route.
341067	Open socket for corp fail [dip:%x]/[sip:%x]/[devname:%s]. **Description:** The AP is creating tunnel.
341068	Get ifindex for corp fail [dip:%x]/[sip:%x]/[devname:%s]. **Description:** The AP is creating tunnel.
341070	No space for corp tunnel [dip:%x]/[sip:%x]/[devname:%s]. **Description:** The AP is creating tunnel.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
341072	AP could not find post auth role [name:%s]. **Description:** The AP is creating SSID.
341074	AP can't find essid-[name:%s]. **Description:** The AP is creating SSID.
341081	No space for acl-[name:%s]. **Description:** The AP is configuring ACL.
341082	ACL index-[index:%d] is invalid. **Description:** The AP is configuring ACL.
341083	ACL index-[index:%d] is inuse. **Description:** The AP is configuring ACL.
341085	[func:%s]: [line:%d]: payload empty. **Description:** The AP is upgrading image.
341089	[func:%s]: [line:%d]: AWC login error. **Description:** The AP is upgrading image from awc.
341090	[func:%s]: [line:%d]: could not save file. **Description:** The AP is upgrading image from awc.
341092	[func:%s]: [line:%d]: Parse error in payload. **Description:** The AP is upgrading image from awc.
341093	[func:%s]: [line:%d]: required class [class:%u] not found in payload. **Description:** The AP is upgrading image.
341094	[func:%s]: no class in url. **Description:** The AP is upgrading image.
341095	[func:%s]: url is NULL!. **Description:** The AP is upgrading image.
341107	[func:%s]: [line:%d] Cannot get essid from datapath for client-[ip:%s] port-[port:%s]. **Description:** Handle papi message.
341108	[func:%s]: [line:%d] invalid session client-[ip:%s] sid-[sid:%s].
341109	[func:%s]: save certificate fail-[error:%s]. **Description:** AP is setting cert.
341110	[func:%s]: delete certificate fail-[error:%s]. **Description:** AP is setting cert.
341111	[func:%s]: save cert key fail-[error:%s]. **Description:** AP is setting cert.
341113	[func:%s]: get gre host fail by [server:%s]. **Description:** AP is setting gre name.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
341114	[func:%s]: set gre name-[name:%s] fail. **Description:** AP is setting gre name.
341116	[func:%s]: clr gre name-[name:%s] fail. **Description:** AP is setting gre name.
341118	[func:%s]: create session fail for ip-[ipaddr:%s]. **Description:** AP is creating session.
341119	[func:%s]: SID not match for IP-[ip:%s] sid-[sid:%s]. **Description:** Handle papi message.
341122	[func:%s]: Malloc fail [num:%d]. **Description:** Station sync.
341123	[func:%s]: [line:%d] parse token ret-[ret:%d]. **Description:** Station sync.
341130	[func:%s], [line:%d]: ioctl fail ipaddr-[ip:%d] mac-[mac:%s] add-[add:%d]. **Description:** AP is configuring arp entry.
341141	[func:%s], [line:%d]: bid is [bid:%d], max bid is [max_bid:%d]. **Description:** Invalid branch ID.
341143	[func:%s],[line:%d]: could not get class-[class:%s] in payload. **Description:** AP receive upgrade message from airwave to update image.
341144	[func:%s],[line:%d]: could not find file-[file:%s]. **Description:** AP is executing "show support-commands.
341163	Fail to add ids radio [mac:%m]. **Description:** Fail to add ids radio.
341210	[func:%s]: ASAP to CLI socket open failed [errno:%d]. **Description:** ASAP to CLI socket open failed.
341211	[func:%s]: ASAP to CLI socket ioctl failed [fd:%d] [errno:%d]. **Description:** ASAP to CLI socket ioctl failed.
341212	[func:%s]: ASAP to CLI socket bind failed [fd:%d] [errno:%d]. **Description:** ASAP to CLI socket bind failed.
341213	[func:%s]: ASAP to CLI socket recv failed [fd:%d] [errno:%d]. **Description:** ASAP to CLI socket recv failed.
341214	[func:%s]: L2 Roam failed at home network [mac:%s] [ssid:%s]. **Description:** L2 Roam failed at home network.
341224	[func: %s]: [nodename:%s], errno [errno:%s] info [info:%s]. **Description:** sysctl fw from cli error.
341230	Controller denys new AP when upgrading-[mac:%s]. **Description:** Controller denys new AP for upgrading image.

Table 14 *Error System Messages (Continued)*

Message ID	Message and Description
341232	Fail to retrieve ap config from flash after [retry:%d] retries. **Description:** fail to retrieve ap config from flash
341235	Add [mac:%s] to subscription ap list failed. **Description:** Add ap to subscription ap list failed.
341270	Set priority failed, failed to find type [type:%d], sub port [port:%d], priority [priority:%d]. **Description:** Set priority failed.
341271	Ethernet uplink [uplink_name:%s] link down. **Description:** Ethernet uplink link down.
341272	Ethernet uplink [uplink_name:%s] link up. **Description:** Ethernet uplink link up.
341289	Sending full configuration to slave ip = [ip:%s], ap config dirty = [dirty:%d] error cnt = [cnt:%d]. **Description:** Sending full configuration from Master to slave APs.
341292	ale: encode [msg_type:%s] message failed, err_msg:[err_msg:%s]. **Description:** encode message failed.
341293	ale: encode [msg_type:%s] message tag for field failed, err_msg:[err_msg:%s]. **Description:** encode message tag for field failed.
341294	ale: encode [msg_type:%s] message failed because of full buffer, bytes_written [bytes:%d], max size [max:%d]. **Description:** encode message failed because of full buffer.
341303	ale: receive a wrongly reported rssi message from [ip:%s]. **Description:** access point op.
352000	DPIMGR: [func:%s] [line:%d] [msg:%s]. **Description:** Unexpected condition occurred in DPI MGR.

Warning Messages

Table 15 *Warning System Messages*

Message ID	Message and Description
304002	AP [name:%s]: No response from authmgr for BSSID [bssid:%m] **Description:** Unexpected condition occurred in the station manager (stm). **Recommended Action:** Contact your support provider
304004	"License Check failed, dropping request **Description:** No description available.
304005	Ortronics AP support not licensed; dropping request **Description:** No description available.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
304009	enet_move_tunnel: Tunnel [id:%d] not found. **Description:** No description available.
304011	stop_signal - Why was I called ... exiting. **Description:** No description available.
304013	tunnel_timeout: Tunnel 0x[tunnel_id:%x] not found. **Description:** No description available.
304014	received frame of unknown type [type:%x] (subtype [stype:%x]). **Description:** No description available.
304015	handle_tunnel_info_request: Tunnel [tunnel_id:%d] not found. **Description:** No description available.
304016	IP [tunnel_ip:%p] MAC [mac:%m] ARP Query failed. **Description:** No description available.
304017	[func:%s]:[line:%d] Too many TCLAS. dropping. **Description:** No description available.
304018	[func:%s]:[line:%d] Unknown EID - [eid:%d]. **Description:** No description available.
304019	Unknown Category in Action Frames: [category:%d]-[action:%d]... dropping. **Description:** No description available.
304020	Unknown WMM Action [action:%d] in [__func__:%s] dropping. **Description:** No description available.
304022	[func:%s]: dropped for license key enforcement. **Description:** No description available.
304023	[func:%s]: Response from Server for [mux_client_mac:%s]: Client has no state. **Description:** No description available.
304024	[func:%s]: Dropping Heartbeat from unknown mux [mac:%m]-[dest:%d]. **Description:** No description available.
304025	[func:%s]: Invalid S-[slot:%d] P-[port:%d] **Description:** No description available.
304026	[func:%s]: New Id [new_id:%d] different than old [id:%d] **Description:** No description available.
304027	VoIP Start/Stop received ... VoIP hash table not created yet **Description:** No description available.
304028	[func:%s]: [ip:%p] message out of order **Description:** No description available.
304029	[func:%s]: too many voip clients **Description:** No description available.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
304033	Mesh AP support not licensed; dropping request **Description:** No description available.
304044	Waiting for dbstart... **Description:** The application is waiting for the database to be ready for access.
304048	User DB query issue in: [call: %s]. SQL command: [cmd: %s]. **Description:** This log indicates that there was an issue when a command was executed on the user database.
304050	Client blacklist purged by Administrator. **Description:** This log indicates that the client blacklist was purged by the administrator.
311000	Attempt to change LMS of remote AP ignored **Description:** No description available.
311002	Rebooting: [reason:%s] **Description:** No description available.
311003	AP flash image is invalid **Description:** No description available.
311004	Missed [num:%d] heartbeats; rebootstrapping **Description:** No description available.
311006	Broken tunnel to switch detected on radio [radio:%d] VAP [vap:%d]; rebootstrapping **Description:** No description available.
311007	Broken tunnel to switch detected on wired AP interface [ifnum:%d]; rebootstrapping **Description:** No description available.
311010	AP could not boot from flash -- bad checksum **Description:** No description available.
311011	No Mesh Radio profile. Mesh role[role:%s] Band[band:%s] Radio[radio:%d]. **Description:** No description available.
311012	Enet [enetnum:%d]: Unsupported speed [rspeed:%s]; using [using:%s] **Description:** No description available.
311026	[msg:%s] **Description:** No description available.
326004	AM: Error Adding STA [mac_addr:%s] to AP [bssid_str:%s] SSID [ssid:%s] **Description:** No description available.
326070	AM: message too large:[len:%d]. Dropping! **Description:** No description available.
326073	AM: [line:%d]: response too long [bl:%d] **Description:** No description available.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
326083	AM: Setting the communication path of state info to: Master switch **Description:** No description available.
326084	AM: Setting the communication path of state and stats info to: Local switch **Description:** No description available.
326085	AM: Setting collection of statistics to : [mode:%s] **Description:** No description available.
326096	AM: message too long [bl:%d] **Description:** No description available.
326157	AM: Too many Wi-Fi(s) interfaces = [wifi_index:%d] **Description:** No description available.
326158	"AM: MAX_SIZE = [DET_STATS_READ:%d], actual size = [det_proc_stats_size:%d] **Description:** No description available.
326159	AM: Name of WIFI_INT is invalid([proc_interface:%s]) **Description:** No description available.
326200	AM: Unable to find WIF for [bssid:%s] **Description:** No description available.
326201	AM: Calibration already in progress for [bssid:%s] **Description:** No description available.
326202	AM: Invalid Channel [channel:%d] for [bssid:%s] **Description:** No description available.
326229	AM: Signature name too big: [name:%s] **Description:** No description available.
326279	AM: Setting Learn Wired MACs at Controller to : [mode:%s] **Description:** This log indicates that the configuration has changed for the feature Learn Wired MACs at Controller.
341004	[msg:%s] **Description:** No description available.
341011	AP image version mismatch [vcmodel:%s] [version:%s] [url:%s] [apmodel:%s] **Description:** The image version on the AP is not the same as that on the virtual controller. The AP will download a new image and reboot.
341012	AP downloading flash image [url:%s]. **Description:** The AP is downloading a new image to store in flash.
341013	[role:%s] AP upgrading flash image [cmd:%s]. **Description:** The AP is writing a new image in flash. When this process completes, the AP will reboot.
341032	Read configuration successfully, retry [time:%d], image size [size:%d]. **Description:** The AP is loading configuration.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
341098	[func:%s]: Convert AP url-[url:%s], mode-[mode:%d], master-[ip:%s]. **Description:** The AP is converting ap.
341102	Incorrect format for message type[type:%d]:[msg_len:%d]:[recv_len:%d]:[bytes_read:%d]:[from_ip:%s]:[from_port:%d]. **Description:** Handle papi message.
341103	Unknown version from [ipaddr:%s] in message type-[type:%d]. **Description:** Handle papi message.
341104	Invalid version for message type-[type:%d] from [ipaddr:%s] (local [ver:%s] vs. master [m_ver:%s]). **Description:** Handle papi message.
341149	Sending upgrade url [url:%s] to [ap_ip:%s], mode [mode:%d], ip [ip:%s]. **Description:** Master send upgrade url to slave.
341159	Got AMP from dhcp ([org:%s]-[ip:%s]-[key:%s]) vs. mine ([org1:%s]-[ip1:%s]-[key1:%s]). **Description:** Learning AMP info from DHCP.
341164	send ap not allowed to [ip:%s]. **Description:** Send not allowed msg to an AP.
341165	send image match to [ip:%s]. **Description:** Send image match msg to an AP.
341166	Get interface [ifname:%s] ip: [ip:%s]/[mask:%s]. **Description:** Print interface ip.
341167	Uplink [type:%s], state [old:%s]->[new:%s]. **Description:** Uplink state changed.
341169	Add uplink [type:%s] [pri:%d]. **Description:** Add new uplink.
341170	Del uplink [type:%s]. **Description:** Del uplink.
341171	Active 3g uplink, enable [yes: %d]. **Description:** Active 3g uplink.
341172	Find enet0 name [name: %s]. **Description:** Find enet0 uplink name.
341173	Current uplink set to [type:%s], state [state:%s]. **Description:** Print current uplink.
341174	No current uplink, pick the highest one - [type:%s]. **Description:** Pick the highest uplink.
341175	Connecting with current uplink - [type:%s]. **Description:** Connect with current uplink.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
341176	Probing too long with current uplink - [type:%s]. **Description:** Probe too long.
341177	Try next uplink because current uplink is down - [type:%s]. **Description:** Try next uplink.
341181	Setup ip for uplink - [type:%s]. **Description:** Setup ip for uplink interface.
341182	Setup vpn for rap conversion - [ip:%s]. **Description:** Setup vpn for rap conversion.
341183	Downloading rap image via vpn - url [url:%s]. **Description:** Downloading rap image via vpn.
341184	Downloading rap image via vpn timeout - count [count:%d]. **Description:** Downloading rap image via vpn timeout.
341185	Retrieving ip address from [inf:%s], ip [ip:%s], mask [mask: %s]. **Description:** Retrieving ip address from an interface.
341194	Loading configuration, func [func:%s], line [line:%d]. **Description:** loading AP configuration.
341199	[func:%s]: send config to slave [ip:%s]. **Description:** Send ap config to slave.
341205	Applying enet config : port [name:%s]. **Description:** Apply enet config.
341206	Command syntax error: [cmd:%s]. **Description:** Command syntax error.
341207	AP support up to [num: %d] SSID. **Description:** Max ssid support
341208	Activate SSID [SSID1: %s], remove SSID [SSID2:%s]. **Description:** Deactive SSID
341227	uplink detection: total_icmp_sent [sent:%d], total_icmp_lost [lost:%d], continuous_icmp_lost [clost:%d]. **Description:** Uplink detetction statistics.
341228	uplink switchover internet since link threshold is reached [thld:%d]. **Description:** Uplink switchover internet.
341229	uplink switchover vpn since ipsec goes down for a while, cnt [cnt:%d] vs. threshold [thld:%d]. **Description:** Uplink switchover vpn.
341233	Saveing AP config, reason [str:%s]. **Description:** Save ap config

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
341245	Not allowed ap [mac:%s] for invalid subscription status [status:%s] in function[function:%s] [line:%d] . **Description:** Not allowed ap for invalid subscription status.
341250	VC record delta configuration, malloc error. len [len:%d] port [port:%d] flags [flags:%d] seq [seq:%d] case [case:%s] **Description:** VC record delta configuration, malloc error.
341252	VC send delta configurations to ap error. ap [ap_ip:%s] ap_cfg_id [acid:%d] current_cfg_id [cid:%d] top_cfg_id [tid:%d] case [case:%s]. **Description:** VC send delta configuration to ap error.
341258	AP receive delta configuration id [acid:%d] current_cfg_id [cid:%d] from msg [msg:%s] is not correct. **Description:** AP receive delta configuration id from msg is not correct.
341260	VC rejects the [number:%d]th ap because IAP9x in the swarm. **Description:** VC rejects slave for ap number.
341261	VC rejects the IAP9x becuase we have [number:%d] users in local DB. **Description:** VC rejects slave for internal DB.
341262	Switch to higher uplink [uplink_name:%s] by preemption. **Description:** Switch to highest uplink.
341263	Enable uplink [uplink_name:%s]. **Description:** Enable an uplink.
341264	Disable uplink [uplink_name:%s]. **Description:** Disable an uplink.
341265	Enable ethernet uplink [uplink_name:%s]. **Description:** Enable ethernet uplink.
341266	Uplink preempt to [uplink_name:%s]. **Description:** Uplink preempt.
341267	Add wired port [port_num:%d] to uplink table. **Description:** Wired port add to uplink table.
341268	Del wired port [port_num:%d] from uplink table. **Description:** Wired port delete from uplink table.
341269	Uplink [uplink_name:%s] is exist update it. **Description:** Update uplink table because uplink is already exist.
341273	Config file length is [len:%d], allowed length is [len2:%d]. **Description:** Check configuration file before saving it.
341274	Update election ip from [inf:%s], election ip [elect_ip:%s]/[elect_mask:%s]. **Description:** Update election IP and mask.

Table 15 *Warning System Messages (Continued)*

Message ID	Message and Description
341289	Sending full configuration to slave ip = [ip:%s], ap config dirty = [dirty:%d] error cnt = [cnt:%d]. **Description:** Sending full configuration from Master to slaves APs.
341307	[func:%s]: receive config from master [ip:%s], using url [url:%d], auto save disable [flag:%d]. **Description:** Receive ap config from Master.
352003	[func:%s] [line:%d] [msg:%s]. **Description:** System related warning messages logged in by DPI MGR

Notice Messages

Table 16 *Notice System Messages*

Message ID	Message and Description
304006	IGMP Drop Tx - [s_addr:%p] **Description:** No description available.
304007	IGMP Join Tx - [s_addr:%p] **Description:** No description available.
304031	PAPI message to [ip:%p] port [port:%d] timed out **Description:** No description available.
304032	902il Compatibility mode [enadis:%s] **Description:** NEC 902il compatibility mode was enabled or disabled
304056	Stm (Station management) notice at [func:%s], [line:%d], [data:%s] **Description:** This log indicates the route point is an IP tunnel
311015	Wipe out AP flash. **Description:** No description available.
311024	Attempting to transfer panic dump to server [server:%s] **Description:** Transferring panic information file to server **Recommended Action:** Contact your support provider
326009	AM: Wi-Fi Interface Reinit called for [bssid:%s] **Description:** No description available.
326010	AM: calling remove_ap [bssid:%s]. **Description:** No description available.
326011	AM: calling remove_pot_sta [mac_addr:%s]. **Description:** No description available.
326012	AM: calling remove_pot_ap [bssid:%s] **Description:** No description available.

Table 16 *Notice System Messages (Continued)*

Message ID	Message and Description
326013	AM: SAPCP-Parse called **Description:** No description available.
326014	AM: SAPCP-Parse dropped. **Description:** No description available.
326067	AM: IP [newbury_ip:%s] Port [newbury_port:%d] Socket [newbury_sock:%d]. **Description:** No description available.
326077	AM: [function:%s]: length mismatch expected [bytes_read:%d], got [msg_len:%d] **Description:** No description available.
326091	AM: Radio Stats: APs=[num_ap:%d] STAs=[num_assoc_sta:%d] Mon-APs=[num_mon_ap:%d] Mon-STAs=[num_mon_sta:%d]. **Description:** No description available.
326101	AM: length mismatch for message [msg_type:%d], expected [bytes_read:%d], got [msg_len:%d]. **Description:** No description available.
326102	AM: unable to find AP [bssid:%s]. **Description:** No description available.
326106	AM: unable to find STA [bssid:%s] PHY [phy_type:%d]. **Description:** No description available.
326107	AM: RSTA Type set to [rap_type:%d] for STA [bssid:%s] **Description:** No description available.
326148	AM: set_mode called for [bssid:%s] type [probe_type:%d] active [active:%d]. **Description:** No description available.
326205	AM: Adding new Gateway MAC: [mac:%s]. **Description:** No description available.
326215	AM: Adding new tagged Gateway MAC: VLAN:[vlanid:%d] MAC:[mac:%s] IP: [ip:%s]. **Description:** No description available.
326206	AM: Adding new Router MAC: [mac:%s]. **Description:** No description available.
326218	AM: [mac:%s] **Description:** No description available.
326219	AM: Setting Gateway MAC to: [mac:%s] **Description:** No description available.
326220	AM: Sending ARP Request for Gateway IP: [ip:%s] **Description:** No description available.
326266	AM: MAC OUI: Range Entries = [ids_mac_oui_range_size:%d] Hash Entries = [IdsMacOuiHash:%d] **Description:** No description available.

Table 16 *Notice System Messages (Continued)*

Message ID	Message and Description
326271	AM: New Node Detected Node = [addr:%s] SSID = [ssid:%s] BSSID [bssid_str:%s] **Description:** No description available.
326272	AM: New AP Detected Channel = [channel:%d] SSID = [ssid:%s] BSSID = [bssid:%s] **Description:** No description available.
326273	AM: SSID Change #2: BSS [bssid:%s] Old SSID [from_ssid:%s] New SSID [ssid:%s] Channel [channel:%d]. **Description:** No description available.
326274	AM: Inactive Node Detected = [mac_addr:%s] SSID = [ssid:%s] BSSID [bssid_str:%s]. **Description:** No description available.
326275	AM: Inactive IBSS Detected SSID = [ssid:%s] BSSID = [bssid_str:%s]. **Description:** No description available.
326276	AM: Inactive AP Detected SSID = [ssid:%s] BSSID = [bssid_str:%s]. **Description:** No description available.
326277	AM: Setting RAP Type for AP [bssid_str:%s] to: [rap_str:%s]. **Description:** No description available.
326278	AM: STA [mac_addr:%s] Authenticated with AP [bssid_str:%s]. **Description:** No description available.
341003	[msg:%s **Description:** No description available.
341043	AP check image-[image:%s] successfully. **Description:** The AP is upgrading image.
341045	Receive image upgrade successful for [ipaddr:%s]. **Description:** The AP is upgrading image.
341046	Receive download image successful for [ipaddr:%s]. **Description:** The AP is upgrading image.
341053	AP try version [version:%s] [number:%d] times. **Description:** The AP is setting up image.
341057	[func:%s]: upgrade image file [file:%s], url [url:%s]. **Description:** The AP is upgrading image.
341097	[func:%s]: mac-[mac:%s], version-[version:%s], ccode_idx-[id:%d]. **Description:** The AP is upgrading image.
341147	Upimage: [msg:%s] **Description:** Upimage related messages.
341148	Checking slave [ap_ip:%s] [state:%s] **Description:** Master check image upgrade for a slave.
341150	Local AP-[ipaddr:%s] start upgrade image. **Description:** The AP starts to upgrade image.

Table 16 *Notice System Messages (Continued)*

Message ID	Message and Description
341151	Local AP-[ipaddr:%s] start download image. **Description:** The AP starts to download image.
341152	Receive image err [state:%s] for [ap_ip:%s]. **Description:** Set AP image err state.
341153	Sending upgrade write flash to [ap_ip:%s]. **Description:** Master send upgrade write flash to slave.
341154	Sending upgrade success to [ap_ip:%s]. **Description:** Send upgrade success to Master.
341155	Sending download success to [ap_ip:%s]. **Description:** Send download success to Master.
341156	Sending image err [state:%s] to [ap_ip:%s]. **Description:** Send image err state to Master.
341157	AP reaches count [count:%d]-[msg:%s]. **Description:** AP image upgrade timeout.
341158	[func:%s],[line:%d]: Setup image with code [ret:%d]. **Description:** AP image upgrade timeout.
341201	AP [name:%s] reports a spectrum alert: non-wifi device(ID: [id:%d],type: [type:%s]). **Description:** Non-wifi device is detected.
341202	AP [name:%s] removes a spectrum alert: non-wifi device(ID: [id:%d],type: [type:%s]). **Description:** Non-wifi device is removed.
341282	Managed mode: Applied the latest config from server. **Description:** : Applied the latest configuration from the server.
341283	Managed mode: Could not download the configuration from server, retrying - [num:%d]. **Description:** Could not download the configuration from the server, retry in progress.
341284	Managed mode: Config download from server timed out. **Description:** Config download from server timed out.
341285	Managed mode: Config file download retry count over. **Description:** Config file download retry count over.
341288	Managed mode: Insufficient configuration to start this mode. **Description:** Because of insufficient configuration, the managed mode did not start.
341290	[msg:%s] **Description:** Per ap settings are applied.

Information Messages

Table 17 *Information System Messages*

Message ID	Message and Description
304037	VPOOL: Initialized VLAN pool for virtual AP '[name:%s]' (size=[size:%d], VLAN-MAP=[addr:%x], Refcnt=[cnt:%d]) **Description:** No description available.
304038	VPOOL: VLAN Pool already initialized for VLAN-MAP [addr:%x], refcnt [cnt:%d] **Description:** No description available.
304042	VPOOL: Adding VLAN [vid:%d] to hash table **Description:** No description available.
304043	VPOOL: Free VLAN Pool for VLAN-MAP [addr:%x], refcnt [cnt:%d] **Description:** No description available.
304057	[msg:%s] AP Heartbeat Tunnel Timeout indication from Datapath **Description:** No description available.
304068	[func:%s], [line:%d]: STM restarts and notifies datapath to clean up users. **Description:** STM restarts and notifies datapath to clean up users.
311001	LMS changed from [old_ip:%p] to [new_ip:%p] **Description:** No description available.
326000	AM initialized. **Description:** Air Monitor is starting.
326075	AM: Dropping PROBE_POLL_REQUEST from Switch IP [wms_ip:%s] **Description:** No description available.
326088	AM: Marking Switch [ip:%s] as Down **Description:** No description available.
326097	AM [bssid:%s]: Received a PROBE_POLL_REQUEST from [ip:%s] **Description:** No description available.
326098	AM: PAPI_Send failed. [msg:%s] **Description:** PAPI Send failed.
326129	AM: Setting PPP IP to [ip:%s] for interface [iface:%s] **Description:** No description available.
326130	AM: Applying [type:%s] profile config **Description:** No description available.
326140	AM: Max number of Valid OUIs reached. **Description:** No description available.
326141	AM: Applying IDS Rate Thresholds profile config for frametype: [frametype:%d] **Description:** No description available.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
326145	AM: Applying IDS Signature profile config. Group: [group_num:%d] Number of Instances: [num_sign:%d] **Description:** No description available.
330206	Getting out of recovery mode after [time:%d] minutes to scan. **Description:** Exiting recovery mode to try and find potential parents matching provisioned clusters.
330207	Received association request from an already associated child [mac:%s] - clearing old state. **Description:** Received association request from an already associated child. Clearing old state before processing the new association request.
341002	[msg:%s] **Description:** No description available.
341009	AP [name:%s] is down **Description:** The virtual controller has lost contact with the access point.
341010	AP [name:%s] is up **Description:** The AP has registered with the virtual controller.
341014	AP rebooting [reason:%s]. **Description:** The AP is rebooting.
341015	AP is operating in regulatory [domain:%s] [code:%d]. **Description:** The AP is in specified regulatory domain.
341016	AP is operating in creating auth server-[name:%s], add-[flag:%d]. **Description:** The AP is configuring auth server.
341017	AP is adding auth server-[ipaddr:%s], as_port-[as_port:%d], acctport-[acctport:%d]. **Description:** The AP is configuring auth server.
341018	Auth server NAS ip-[ipaddr:%s]. **Description:** The AP is configuring auth server.
341019	Auth server source ip-[ipaddr:%s]. **Description:** The AP is configuring auth server.
341020	Add termination server-[ipaddr:%s]. **Description:** The AP is configuring termination server.
341021	Add LDAP server-[ipaddr:%s], add-[flag:%d]. **Description:** The AP is configuring LDAP server.
341035	Set boot partition for AP: convert_ap-[convert_ap:%d], partition id-[part_id:%d]. **Description:** The AP is setting boot partition id.
341059	[func:%s]: can't find index for role-[name:%s]. **Description:** The AP is setting acl.
341060	[func:%s]: unknown client subnet type-[type:%d] for [ip:%x]/[mask:%x]. **Description:** The AP is setting acl.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
341061	No SSID for vlan-[vlan:%d] for [ip:%x]/[mask:%x]. **Description:** The AP is setting acl.
341062	No space for vlan-[vlan:%d] for [ip:%x]/[mask:%x]. **Description:** The AP is setting acl.
341065	Activated tunnel route [desk:%x]/[mask:%x] to [dip:%x]/[ifindex:%x] usecnt-[cnt:%d]. **Description:** The AP is setting kernal route.
341066	Activated tunnel route [desk:%x]/[mask:%x] to [dip:%x]/[ifindex:%x] usecnt-[cnt:%d]. The AP is setting kernal route.
341069	Corp tunnel [sip:%x] to [dip:%x]/[eip:%x]/[ifindex:%d] is up. **Description:** The AP is creating tunnel.
341071	Corp tunnel [sip:%x] to [dip:%x]/[eip:%x]/[ifindex:%d] is down. **Description:** The AP is creating tunnel.
341073	AP derived acl for post auth role-[name:%s], idx-[idx:%u], acl-[acl:%u]. **Description:** The AP is creating SSID.
341075	[func:%s] AP can't find default post auth acl for SSID-[name:%s]. **Description:** The AP is creating SSID.
341076	Using default acl-[acl:%d] for SSID-[name:%s]. **Description:** The AP is creating SSID.
341077	AP add new acl-[name:%s], idx-[id:%d], vlan-[vid:%d], caleaOn-[on:%d]. **Description:** The AP is configuring ACL.
341078	AP remove acl-[name:%s]. **Description:** The AP is configuring ACL.
341079	AP flush acl-[name:%s]. **Description:** The AP is configuring ACL.
341080	[func:%s]: can't find acl-[name:%s]. **Description:** The AP is configuring ACL.
341084	Reset index of access rule profile [file:%s] from [old_id:%u] to [id:%u]. **Description:** The AP is configuring ACL.
341086	[func:%s]: [line:%d]: version=[version:%s], image_url=[image:%s]. **Description:** The AP is upgrading image.
341087	[func:%s]: [line:%d]: response payload=[payload:%s]. **Description:** The AP is upgrading image.
341088	[func:%s]: [line:%d]: Html message=[msg:%s]. **Description:** The AP is upgrading image.
341096	[func:%s]: url is [url:%s]!. **Description:** The AP is upgrading image.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
341099	[func:%s]: user-[user:%s] [type:%s] use local DB. **Description:** User authenticate.
341100	[func:%s]: corp subnet [ipaddr:%x]/[mask:%x] updated for vlan-[vid:%d]. **Description:** Corp orate configuration.
341101	Execute command-[cli:%s]. **Description:** Cli command.
341105	[func:%s]: [line:%d] rip-[rip:%s], eip-[eip:%s], backup-[backup:%d],lip-[lip:%s], dev_name-[name:%s]. **Description:** Handle papi message.
341106	[func:%s]: [line:%d] rip-[rip:%s], eip-[eip:%s], backup-[backup:%d],lip-[lip:%s], dev_name-[name:%s]. **Description:** Handle papi message.
341112	[func:%s]: cert key is [psk:%s]. **Description:** AP is setting cert.
341115	[func:%s]: set gre [ipaddr:%s] successfully. **Description:** AP is setting gre name.
341117	[func:%s]: clear gre successfully. **Description:** AP is setting gre name.
341120	SNMP get next mac-[mac:%s], index-[index:%d]. **Description:** SNMP action.
341121	SNMP return [mac:%s]:[num:%d]. **Description:** SNMP action.
341128	[func:%s], [line:%d]: index-[idx:%d] is [type:%s]. **Description:** AP is setting SSID.
341129	[func:%s], [line:%d]: index-[idx:%d] of ssid-[ssid:%s]is set to [new_idx:%d]. **Description:** AP is setting SSID.
341134	AP will remove alerts of client-[mac:%s]. **Description:** AP is removing alerts.
341135	Master Changed - new [new_ip:%s] old [old_ip:%s] current swarm state [state:%d]. Master in network changed.
341136	Perform image checking with master [master_ip:%s]. **Description:** Slave check image with master.
341139	SNMP get mac-[mac:%s], index-[index:%d]. **Description:** SNMP action.
341140	[func:%s], [line:%d]: payload is [payload:%s]. **Description:** AirWave upgrade image.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
341145	Cert type is [type:%s], format is [format:%s]. **Description:** AP upload certificate for radius server.
341146	[func:%s]: result for CLI_EXECUTE_CERT_UPLOAD [result:%s]. **Description:** AP upload certificate for radius server.
341160	Send reboot cmd to AP [ap:%s], reason [reason:%s]. **Description:** Send reboot cmd.
341161	Send reboot ack to AP [ap:%s]. **Description:** Send reboot ack cmd.
341162	Receive reboot ack from AP [ap:%s]. **Description:** Receive reboot ack.
341168	[func:%s],[line:%d]: uplink type [type:%s], state [state:%s]. **Description:** Print the uplink info.
341178	[func:%s],[line:%d]: send message to awc [type:%d], [username:%s], [password:%s], [device_key:%s], [label:%s]. **Description:** clid send papi message to awc.
341179	[func:%s],[line:%d]: receive message from awc [key:%s], [state:%d], [value:%s]. **Description:** clid receives message from awc.
341180	[func:%s],[line:%d]: send mesh cfg. **Description:** Send mesh cfg.
341186	Find uplink fail, type [type:%d]. **Description:** Find uplink fail.
341187	Add [mac:%m] to ap whitelist. **Description:** Add an ap to the whitelist.
341188	Del [mac:%m] from ap whitelist. **Description:** Del an ap from the whitelist.
341189	[func:%s]: discover client [mac:%s] [fapip:%s] [vlan:%d]. **Description:** Discover client request.
341190	[func:%s]: found client [mac:%s] [vlan:%d] [hapip:%s] [oldapip:%s] [vcip:%s]. **Description:** Found client response.
341191	[func:%s]: hap req for [mac:%s] [fapip:%s] [vcip:%s] [oldapip:%s] [rtid:%d] [vlan:%d] [vapvlan:%d]. **Description:** HAP request.
341192	[func:%s]: hap ack for [mac:%s] [rtid:%d]. **Description:** HAP Ack.
341193	[func:%s]: foreign client info [mac:%s] [type:%s] [vapvlan:%d] [vlan:%d] [ssid:%s] [vcip:%s] [hapip:%s]. **Description:** Foreign client info.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
341195	[func:%s]: clt del req for [mac:%s] [rehome:%d] [fapip:%s]. **Description:** Client Delete Request.
341196	[func:%s]: clt del notification for [mac:%s] [hapip:%s]. **Description:** Client Delete Notification.
341197	Send [msg:%s] to vc [ip:%s]. **Description:** Send register/heartbeat msg to vc.
341198	[func:%s]: receive register/heartbeat from [mac:%m], [ip:%s]. **Description:** Receive register/heartbeat msg from slave.
341203	[func:%s]: foreign client rehome [mac:%s]. **Description:** Foreign Client re-home.
341204	[func:%s]: client subnet info [mac:%s] [subnet:%s]. **Description:** Foreign Client re-home.
341209	[func:%s]: mip tunnel down [tid:%d]. **Description:** MIP tunnel down.
341215	[func:%s]: L3 Subnet Update [cmd:%d] [subnet:%s] [mask:%s] [vlan:%d] [vcip:%s] [flag:%x]. **Description:** L3 Subnet Update.
341216	[func:%s]: awc logout from [ip:%s]. **Description:** Awc logout.
341217	[func:%s]: awc connect to [ip:%s] successfully. **Description:** Awc connect successfully.
341218	[func:%s]: awc login to [ip:%s] successfully. **Description:** Awc login successfully.
341219	[func:%s]: awc identify [ip:%s] successfully. **Description:** Awc identify successfully.
341220	[func:%s]: L2 Roam session requested for client [mac:%s] [ssid:%s]. **Description:** L2 Roam session requested.
341221	[func:%s]: Foreign sta info for [mac:%s] from [vcip:%s]. **Description:** Foreign sta info.
341222	[func:%s]: Remote sta info for [mac:%s] from [vcip:%s]. **Description:** Remote sta info.
341223	[func:%s]: L3 VC Update [cmd:%d] [vcip:%s] [flags:%d]. **Description:** L3 VC Update.
341225	[func:%s]: VC Auto Discover. **Description:** VC Auto Discover.
341226	[func:%s]: VC IP changed [oip:%s] [nip:%s]. **Description:** L3 VC Update.

Table 17 *Information System Messages (Continued)*

Message ID	Message and Description
341231	[func:%s]: Sta ACL changed for [mac:%s] [ssid:%s] [role:%s]. **Description:** L3 Sta ACL changed.
341295	ale: encode [msg_type:%s] message succeed, total msg len [len:%d]. **Description:** encode message succeed.
341296	Statrt key generation. PAN state:[state:%s] PAN ip:[ip:%s] port:[port:%d] user:[user:%s]. **Description:** Start connect to PAN Firewall to do key generation
341297	PAN Firewall Integeration state changed from [old_state:%s] to [new_state:%s]. function:[func:%s] line:[line:%d]. **Description:** PAN Firewall state change
341298	Send PAN user login. User info : [cmd : %s]. **Description:** Send user login and logout info to PAN firewall.
341301	Calculated csum [csum:%u] at [sec:%s]. **Description:** AP checksum calculation.
341302	Add TACACS server-[ipaddr:%s], add-[flag:%d]. **Description:** The AP is configuring TACACS server.
341304	ale: receive a reported rssi message from [ip:%s]. **Description:** access point op.
352004	[func:%s] [line:%d] [msg:%s]. **Description:** System related info messages logged in by DPI MGR.

Debug Messages

Table 18 *Debug System Messages*

Message ID	Message and Description
304003	[msg:%s] **Description:** System related debugging messages logged in the station manager (stm).
304008	[msg:%s] **Description:** No description available.
304021	[func:%s]:[line:%d] Flow [flow_id:%d] not found **Description:** No description available.
304030	License key - [f:%s] - [mode:%s] **Description:** This message indicates whether the specified licensed feature is enabled or disabled
304034	handle_enet_message_response: MAC [mac:%m] nothing outstanding **Description:** No description available.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
304036	handle_enet_message_response: IP [ip:%P] not found **Description:** No description available.
304051	In-memory client blacklist table cleared. **Description:** This log indicates that the in-memory client blacklist was cleared.
304052	Client blacklist database table cleared. **Description:** This log indicates that the client blacklist database table was cleared.
304053	Client blacklist repopulated from database. **Description:** This log indicates that the in-memory client blacklist was repopulated from the database.
304059	[func:%s], [line:%d]: sap_ip: [sapip:%s], tunnel_ip: [tunnelip:%s], tunnel id: [tunnelid:%x] **Description:** This debugging log indicates the tunnel id returned from datapath.
304061	[func:%s], [line:%d]: add [add:%d] mcast_group [group:%x] dest_idx: [dest:%x] **Description:** This debugging log indicates the multicast group and destination index.
304066	[func:%s]: [line:%d]: vlan [id:%d] has [user:%d] users **Description:** Count user number from a specified vlan.
304069	Sending msg from STM to mgmt-server [ip:%p] radios:[nradios:%d] vaps:[nvaps:%d] stas:[stas:%d] unassoc_stas:[unassoc_stas:%d] ap_info:[ap_info:%d] radio_info:[radio_info:%d] vap_info:[vap_info:%d] ap_sys_info:[ap_sys_info:%d]. **Description:** This log displays a record of the transmission of the AMON message from STM to the amp management server. It includes statistics regarding the number of transmitted STM records.
304070	Sending msg from STM to mgmt-server [ip:%p] radios:[nradios:%d] vaps:[nvaps:%d] stas:[stas:%d] unassoc_stas:[unassoc_stas:%d] ap_info:[ap_info:%d] radio_info:[radio_info:%d] vap_info:[vap_info:%d] ap_sys_info:[ap_sys_info:%d]. **Description:** This log displays a record of the transmission of the AMON message from STM to the ale management server. It includes statistics regarding the number of transmitted STM records.
304071	Sending msg STM to HTTP mgmt-server [protocol:%s] [hostname:%s] [port:%d] [identifier:%s] radios:[nradios:%d] vaps:[nvaps:%d] stas:[stas:%d] unassoc_stas:[unassoc_stas:%d] ap_info:[ap_info:%d] radio_info:[radio_info:%d] vap_info:[vap_info:%d] ap_sys_info:[ap_sys_info:%d] **Description:** This log displays a record of the transmission of the AMON message from STM to the http management server. It includes statistics regarding the number of transmitted STM records.
304072	Adding AP_NEIGHBORS records count [num_records:%d] **Description:** This log indicates the number of ap neighbors records added to the AMON message buffer.
304073	Sent a total of [num_records:%d] AP_NEIGHBORS records. **Description:** This log indicates the total number of ap neighbors records sent to the management server.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
304074	Adding RADIO_STATS records count [num_records:%d]. **Description:** This log indicates the number of radio stats records added to the AMON message buffer.
304075	Sent a total of [num_records:%d] RADIO_STATS records. **Description:** This log indicates the total number of radio stats records sent to the management server.
304076	Adding VAP_STATS records count [num_records:%d]. **Description:** This log indicates the number of vap stats records added to the AMON message buffer.
304077	Sent a total of [num_records:%d] VAP_STATS records. **Description:** This log indicates the total number of vap stats records sent to the management server.
304078	Adding UNASSOCIATED_STA records count [num_records:%d]. **Description:** This log indicates the number of unassociated station records added to the AMON message buffer.
304079	Sent a total of [num_records:%d] UNASSOCIATED_STA records. **Description:** This log indicates the total number of unassociated station records sent to the management server.
304080	Adding STATION_STATS records count [num_records:%d]. **Description:** This log indicates the number of station stats records added to the AMON message buffer.
304081	Sent a total of [num_records:%d] STATION_STATS records. **Description:** This log indicates the total number of station stats records sent to the management server.
304082	Adding AP_INFO records count [num_records:%d]. **Description:** This log indicates the number of ap info records to the AMON message buffer.
304083	Sent a total of [num_records:%d] AP_INFO records. **Description:** This log indicates the total number of ap info records sent to the management server.
304084	Adding RADIO_INFO records count [num_records:%d]. **Description:** This log indicates the number of radio info records added to the AMON message buffer.
304085	Sent a total of [num_records:%d] RADIO_INFO records. **Description:** This log indicates the total number of radio info records sent to the management server.
304086	Adding VAP_INFO records count [num_records:%d]. **Description:** This log indicates the number of vap info records added to the AMON message buffer.
304087	Sent a total of [num_records:%d] VAP_INFO records. **Description:** This log indicates the total number of vap info records sent to the management server.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
304088	Adding AP_SYS_STATS records count [num_records:%d]. **Description:** This log indicates the number of ap system stats records added to the AMON message buffer.
304089	Sent a total of [num_records:%d] AP_SYS_STATS records. **Description:** This log indicates the total number of ap system stats records sent to the management server.
304089	handle_enet_message_response: IP [ip:%P] PORT [port:%d] not found. **Description:** No description available.
311008	[msg:%s] **Description:** No description available.
311009	[msg:%s] **Description:** No description available.
311025	[msg:%s] **Description:** No description available.
326001	AM: [msg:%s] **Description:** No description available.
326076	AM: Sending Probe Poll Response V2: NumAPs=[num_aps:%d] NumSTAs=[num_sta:%d] Len=[bl:%d] **Description:** No description available.
326081	AM: Processing WMS_MODE message **Description:** No description available.
326086	AM: Sending Probe Register Message to : [ip:%s] **Description:** No description available.
326087	AM: Sending Probe UnRegister Message to : [ip:%s] **Description:** No description available.
326090	AM: message len [node_bl:%d] **Description:** No description available.
326092	AM: [line:%d]: Sending PROBE_STATS_UPDATE_MESSAGE for STAs of length [bl:%d] **Description:** No description available.
326093	AM: [line:%d]: Sending STM_AP_STATS_UPDATE for STAs of length [bl:%d] **Description:** No description available.
326094	AM:SM: Sending Spectrum Register Message for radio [r:%d] band [band:%s] to [ip:%s] **Description:** This log indicates that spectrum radio is registering with the controller.
326095	AM:SM: Sending Spectrum Unregister Message for radio [r:%d] band [band:%s] to [ip:%s] **Description:** This log indicates that spectrum radio is un-registering with the controller.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
326099	AM:SM: Received Spectrum Unknown Radio Message for [bssid:%s] **Description:** No description available.
326213	AM: MAC [mac:%s] matched with offset [match:%s] **Description:** No description available.
326216	AM: MAC [mac:%s] matched in [config_eth:%s] wired mac table **Description:** No description available.
326280	AM:SM: [msg:%s] **Description:** No description available.
330200	[msg:%s] **Description:** No description available.
341001	[msg:%s] **Description:** No description available.
341022	AP can't retrieve data from datapath for session [ipaddr:%s] - [dipaddr:%s]. **Description:** The AP is configuring ACL.
341024	Setting global LED mode [mode:%d]. **Description:** The AP is configuring LED mode.
341025	Setting virtual controller key [key:%s]. **Description:** The AP is configuring VC key.
341124	[func:%s]: mac auth token client number-[num:%d]. **Description:** Station update.
341125	[func:%s]: add reauth ctx client-[num:%d]. **Description:** Station update.
341126	User: [user:%s] login by [type:%s] [result:%s]. **Description:** User login.
341127	[func:%s], [line:%d]: flushing ACL rule-[profile:%s]. **Description:** AP is setting SSID.
341131	AP sends meshd parameters [cs_key:%s]-[key:%s]-[country_code:%d]. **Description:** AP is sending mesh parameters.
341132	Check sum error for AP-[ip:%s], slave [s_sum:%u] vs master [m_sum:%u]. **Description:** AP is checking configuration.
341133	Find AP-[ip:%s] fail. **Description:** AP is receiving stats sync.
341137	Client [mac:%s] was removed. **Description:** AP remove client when timeout.
341138	Master received alerts message from AP [ap_ip:%s]. **Description:** AP receive user alert.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
341142	[func:%s], [line:%d]: html msg is [msg:%s]. **Description:** AP receives HTML message from controller.
341200	Check session id fail: client_ip [ip:%s], string [sid:%s]. **Description:** Checking session id fail
341234	Receive stats publish from [ip:%s]. **Description:** Receive stats publish msg.
341236	Add [mac:%s] [status:%s] to subscription ap list. **Description:** Add ap to subscription ap list
341237	Del [mac:%s] [status:%s] from subscription ap list. **Description:** Del ap from subscription ap list
341238	Update [mac:%s] [status:%s] - [newstatus:%s] in subscription ap list. **Description:** Update ap status in subscription ap list
341239	Del [mac:%s] [status:%s] from subscription ap list in timer. **Description:** Del ap from subscription ap list in timer
341240	Del [mac:%s] from whitelist ap for not in subscription ap list. **Description:** Del ap from whitelist ap for not in subscription ap list
341241	Del [mac:%s] from whitelist ap in case of [status:%s]. **Description:** Del ap from whitelist ap in case of invalid status
341242	Ap [mac:%s] has invalid subscription status [status:%d] in function[function:%s] [line:%d] . **Description:** ap has invalid subscription status
341243	Reboot ap [mac:%s] for not in subscription ap list. **Description:** Reboot ap for not in subscription ap list
341244	Reboot ap [mac:%s] for invalid subscription status [status:%s] in function[function:%s] [line:%d] . **Description:** Reboot ap for invalid subscription status
341246	VC set delta configuration current_cfg_id [cid:%d] top_cfg_id [tid:%d]. **Description:** New master set its own celta cfg id
341247	VC need shrink delta configuration entrys. current_cfg_id [cid:%d] top_cfg_id [tid:%d] max [mid:%d]. **Description:** VC need shrink delta configuration entrys
341248	VC delta configuration entry list is empty. **Description:** VC delta configuration entry list is empty.
341249	VC delete delta configuration cfg_id [cid:%d] in shrink operation. current_cfg_id [ccid:%d] top_cfg_id [tid:%d]. **Description:** VC delete delta configuration entry in shrink operation

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
341251	VC record new delta configuration entry. cfg_id [cid:%d] current [c:%d] top [t:%d] len [len:%d] port [port:%d] flags [flags:%d] seq [seq:%d]. **Description:** VC record new delta configuration entry.
341253	VC send delta configurations to ap. ap [ap_ip:%s] ap_cfg_id [acid:%d] delta_cfg_id [did:%d] current_cfg_id [cid:%d] top_cfg_id [tid:%d]. **Description:** VC send delta configuration to ap.
341254	VC add delta configuration id [id:%d] to msg [msg:%s]. **Description:** VC add delta configuration to msg.
341255	VC need send delta configurations to ap [ap_ip:%s]. ap_cg_id [acid:%d] current_cfg_id [cid:%d] top_cfg_id [tid:%d]. **Description:** VC need send delta configurations to ap.
341256	AP receive delta configuration id [acid:%d] current_cfg_id [cid:%d] from msg [msg:%s] . **Description:** AP receive delta configuration id from msg.
341257	VC delete delta configuration cfg_id [cid:%d] in timer operation. current_cfg_id [ccid:%d] top_cfg_id [tid:%d] timestamp [t:%u] current_time [ct:%u]. **Description:** AP receive delta configuration id from msg.
341259	Forming the Register Request message [Func:%s] - [Register:%s] . **Description:** Register Request Message.
341277	Managed mode: Starts fetching configuration from the server **Description:** Starts fetching configuration from the server.
341278	Managed mode: Config download done. File hash before [csum1:%s], after [csum2:%s] **Description:** Config file downloaded from server.
341280	Managed mode: Config on AP and server matches. **Description:** Configuration on AP matches with the configuration on the server.
341281	Managed mode: AP and server configuration differs. **Description:** AP and server configuration differs.
341291	[msg:%s] **Description:** No per ap setting is present.
341305	ale: report vap op [op:%s], bssid [bssid:%s], ssid [ssid:%s], radio [radio:%s]. **Description:** report vap info.
341306	Send MGMT CMD accounting user-[user:%s],line-[line:%s], cmd-[cmd:%s]. **Description:** Send MGMT command accounting.
341308	receive allowed ap check from asap, mac [mac:%m], allowed [allow:%d]. **Description:** Receive allowed ap check from asap
352001	[func:%s] [line:%d] [msg:%s]. **Description:** System related debugging parse messages logged in the DPI MGR.

Table 18 *Debug System Messages (Continued)*

Message ID	Message and Description
352002	[func:%s] [line:%d] [msg:%s]. **Description:** System related debugging configuration messages logged in by DPI MGR.

Error Messages

Table 19 *User Error Messages*

Message ID	Message and Description
524005	Invalid action :[file:%s],[func:%s],[line:%d],[action:%d] **Description:** This shows internal debug messages.
524006	[file:%s], [func:%s],[line:%d],cur=0x[cur:%x],end=0x[end:%x] **Description:** This shows internal debug messages.
524007	[file:%s], [func:%s],[line:%d], realloc size invalid, tot=:[tot:%d],certlen=:[len:%d] **Description:** This shows internal debug messages.
524008	[file:%s], [func:%s],[line:%d], offset should be zero but is =[offset:%d] **Description:** This shows internal debug messages.
524009	[file:%s], [func:%s],[line:%d] Sanity check for first/Only cert chunk failed. Ignoring cert chunk. **Description:** This shows internal debug messages.
524010	[file:%s], [func:%s],[line:%d] malloc size:=[total:%d] failed **Description:** This shows internal debug messages.
524019	Invalid MPPE recv-key length:[len:%d] **Description:** This shows internal debug messages.
524020	Unknown protocol/Opcode [proto:%2X] [opcode:%2X] from the Datapath **Description:** This shows internal debug messages.
524021	[string:%s] **Description:** This shows internal debug messages.
524022	Radius Shared secret is NULL, NASIP = [nasip:%s], Radius Server [srvip:%s] **Description:** This shows internal debug messages.
524023	Error decoding LEAP key (code=[code:%d]) **Description:** This shows internal debug messages.
524024	Error decoding MPPE recv-key (code = [code:%d]) **Description:** This shows internal debug messages.
524025	Could not create the stateful config entry, dropping the request. NASIP=:[nasip:%s],[srvip:%s] **Description:** This shows internal debug messages.
524026	Dropping the radius request to=:[srvip:%s] **Description:** This shows internal debug messages.

Table 19 *User Error Messages*

Message ID	Message and Description
524027	Error decoding MPPE send-key (code = [code:%d]) **Description:** This shows internal debug messages.
524028	Invalid MPPE send-key length:[len:%d] **Description:** This shows internal debug messages.
524030	Invalid Radius Code [radcode:%d] **Description:** This shows internal debug messages.
524043	[string:%s]: FT mic=[string1:%s] **Description:** This shows internal debug messages.
524044	AES-GCM key size should be either [key1:%d] or [key2:%d] **Description:** This shows internal debug messages.
524046	Station UP failed for station [str:%s] [str1:%s] **Description:** This shows internal debug messages.
524056	Invalid radius code **Description:** This shows internal debug messages.
524057	Dropping the radius packet for stateful dot1x processing **Description:** This shows internal debug messages.
524058	No Valid NAS IP dropping the request **Description:** This shows internal debug messages.
524059	NAS IP address didn't match the NASIP attribute **Description:** This shows internal debug messages.
524060	No Valid Calling Station ID dropping the request **Description:** This shows internal debug messages.
524061	Could not create a new user entry **Description:** This shows internal debug messages.
524062	Failed to add to the radius request list **Description:** This shows internal debug messages.
524063	Dropping radius response to AP **Description:** This shows internal debug messages.
524064	No matching request fot the response..dropping the pkt **Description:** This shows internal debug messages.
524065	User was deleted before the response came in **Description:** This shows internal debug messages.
524066	No dot1xctx for this response **Description:** This shows internal debug messages.
524067	Failed to process EAP packet from backend **Description:** This shows internal debug messages.

Table 19 *User Error Messages*

Message ID	Message and Description
524068	AES-GCM key setting is allowed only for Tunnel mode VAP's **Description:** This shows internal debug messages.
524127	[func:%s]():[line:%u]: MAC:[mac:%s] GSM: Failed to activate Key-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524128	[func:%s](): MAC:[mac:%s] GSM: Failed to publish Key-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524130	[func:%s](): MAC:[mac:%s] GSM: Failed to delete Key-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524132	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] GSM: Failed to activate PMK-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524133	[func:%s](): MAC:[mac:%s] BSS:[bssid:%s] GSM: Failed to publish PMK-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524135	[func:%s](): MAC:[mac:%s] BSS:[bssid:%s] GSM: Failed to delete PMK-cache object. Error:[error:%s] **Description:** This shows internal debug messages.
524137	[func:%s]():[line:%u]: MAC:[mac:%s] GSM: Failed to get key-cache object. **Description:** This shows internal debug messages.
524138	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] GSM: Successfully deleted PMK-cache object. **Description:** This shows internal debug messages.
524143	Failed to decode vendor attributes. **Description:** This shows internal debug messages.
524144	[func:%s]():[line:%u]: Failed to delete oldest keycache entries. Error:[error:%s] **Description:** This shows internal debug messages.
524145	[func:%s]():[line:%u]: Failed to delete oldest pmkcache entries. Error:[error:%s] **Description:** This shows internal debug messages.
524146	[func:%s]():[line:%u]: MAC:[mac:%s] Failed to set GSM ager node. Error:[error:%u] **Description:** This shows internal debug messages.
524147	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] Failed to set GSM ager node. Error:[error:%u] **Description:** This shows internal debug messages.
541012	[func:%s]: [line:%d]: find client-[mac:%m] fail. **Description:** Station sync.
541017	[func:%s]: parse tlv ret-[ret:%d] mac-[mac:%m] fail. **Description:** Station sync.

Table 19 *User Error Messages*

Message ID	Message and Description
541018	[func:%s],[line:%d]: could not find client-[mac:%m]. **Description:** AP is looking up station.
541021	sta [mac:%m] - fail to find wlan profile for ssid-[ssid:%s]. **Description:** Station sync.
541028	[func:%s],[line:%d]: could not get stm ip for client-[client:%m], essid-[essid:%s]. **Description:** AP send portal auth acl to STM.
541046	[func:%s]: Unexpected sta-[mac:%m] lkup resp from [ip:%s]. **Description:** Unexpected station lkup response.

Warning Messages

Table 20 *User Warning Messages*

Message ID	Message and Description
501026	Station [sta:%m]: too many vlan ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501027	"Station [sta:%m]: authentication payload shorter than min, length [len:%d], expected [elen:%d] trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501030	"Station [sta:%m]: Packet too short, length [len:%d], expected [elen:%d] trying to disassociate to BSSID [bss:%m] on AP [name:%s] **Description:** An 802.11 Disassociation frame was received that was too short. **Recommended Action:** It will be ignored.
501040	"Station [sta:%m]: Packet too short, length [len:%d], expected [elen:%d] trying to de-authenticate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501060	Station [sta:%m]: Ignored Association response to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501061	Station [sta:%m]: Ignored Re-Association response to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501062	Station [sta:%m]: Ignored ATIM to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501064	Station [sta:%m]: Ignored unknown management frame subtype [stype:%x]h to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501067	Source: [sa:%m] Failed AP [ip:%p]-[bssid:%m]-[name:%s] Rates Mismatch STA 0x[rates:%x] AP 0x[tx_rates:%x] **Description:** No description available.

Table 20 *User Warning Messages*

Message ID	Message and Description
501068	Source: [sa:%m] Failed AP [ip:%p]-[bssid:%m]-[name:%s] Multicast Encryption Mismatch **Description:** No description available.
501069	Source: [sa:%m] Failed AP [ip:%p]-[bssid:%m]-[name:%s] Unicast Encryption Mismatch **Description:** No description available.
501070	STA [mac:%m] not found in sta_hash_table **Description:** No description available.
501071	wifi_update_sta_vlan: STA [mac:%m] not found **Description:** No description available.
501072	wifi_update_sta_vlan: STA [mac:%m] not associated with SAP [bssid:%m] **Description:** No description available.
501073	STA [mac:%m] not found in sta_hash_table **Description:** No description available.
501074	"wifi_deauth_sta: bad data, dropping. mac: [mac:%m] bssid: [bssid:%m] **Description:** No description available.
501075	wifi_counter_measures_enable: STA [mac:%m] not found **Description:** No description available.
501076	wifi_bss_counter_measures_enable: STA [mac:%m] not found **Description:** No description available.
501077	wifi_update_sta_vlan: AP [bssid:%m] STA [mac:%m]: VAP Not found. ageout **Description:** No description available.
501078	wifi_update_sta_vlan: AP [bssid:%m] STA [mac:%m]: VLAN [vlan_id:%d] not found. ageout **Description:** No description available.
501079	handle_sta_stat_req: Unknown STA [mac:%m] **Description:** No description available.
501083	Probe request: [mac:%m]: Invalid Station MAC address from AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501086	Probe request: [mac:%m]: Invalid Station MAC address from AP [ip:%P]-[bssid:%m]-[name:%s] SSID [essid:%s] **Description:** No description available.
501091	Auth request: [mac:%m]: Invalid Station MAC address from AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501092	Auth request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for STA DoS protection **Description:** No description available.

Table 20 *User Warning Messages*

Message ID	Message and Description
501096	Assoc request: [mac:%m]: Invalid Station MAC address from AP [ip:%P]-[bssid:%m]-[name:%s]
501097	Assoc request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for STA DoS protection **Description:** No description available.
501103	Blacklist add: [mac:%m]: Reason: [reason:%s] **Description:** No description available.
501104	Disassoc from sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Disassoc Flood DoS Attack Detected **Description:** No description available.
501115	Blacklist del: [mac:%m]: by administrator **Description:** No description available.
501116	Blacklist del: [mac:%m]: timeout **Description:** No description available.
501118	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. STA Not Found **Description:** No description available.
501119	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. STA Not Associated **Description:** No description available.
501120	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. SIP client not on-call **Description:** No description available.
501121	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. Invalid TCLAS count/type ([num_tclas:%d]/[type:%d]) **Description:** No description available.
501122	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. TCLAS/SDP mismatch ([tbuf:%s]/[sdpbuf:%s]) **Description:** No description available.
501123	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. TSPEC does't match codec characteristics ([rv:%d]) **Description:** No description available.
501124	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. Voice Capacities Reached **Description:** No description available.
501125	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] refused. Flow Setup Failed **Description:** No description available.
501127	Delts: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] STA Not found **Description:** No description available.
501128	Delts: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] STA Not Associated **Description:** No description available.

Table 20 *User Warning Messages*

Message ID	Message and Description
501130	Delts: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Flow Not Found **Description:** No description available.
501131	[func:%s]:[line:%d] STA [mac:%m] not found. **Description:** No description available.
501135	Source: [sa:%m] Failed AP [ip:%P]-[bssid:%m]-[name:%s] WEP and TKIP encryption not valid with high throughput **Description:** No description available.
501141	Blacklist client: [mac:%m] removed during repopulation from db. Reason: [reason:%s] **Description:** This log indicates that a client blacklist entry was removed during repopulation from db.
501209	Remove stale user [mac:%m], driver age out. **Description:** This log indicates that we are remove stale user entry.
524126	[func:%s](): FT-Bridge Client-MAC:[mac:%s] Could not find in K-Cache. **Description:** This shows internal debug messages.
541003	Client [mac:%s] is failed to authenticate, failure count is [count:%d]. **Description:** Client authentication failure.
541004	[func:%s]: receive station msg, mac-[mac:%m] bssid-[bssid:%m] ssid-[ssid:%s]. **Description:** AP receive station online/offline.
541013	[func:%s],[line:%d]: add client [mac:%m], client count [num:%d]. **Description:** Add a new client.
541023	[func:%s],[line:%d]: del client [mac:%m], client count [num:%d]. **Description:** Put a client to remove list.
541026	[func:%s]: send disconnect user, AP ip: [ap_ip:%s], client ip [clent_ip:%s]. **Description:** AP disconnect client.
543003	[func:%s] [line:%d] [msg:%s]. **Description:** User debug messages for DPI MGR.

Notice Messages

Table 21 *User Notice Messages*

Message ID	Message and Description
501001	Station [sta:%m]: Trying to associate to BSSID [bss:%m] on AP [name:%s] before authentication **Description:** No description available.

Table 21 *User Notice Messages*

Message ID	Message and Description
501002	"Station [sta:%m]: ESSID length error trying to associate to BSSID [bss:%m] on AP [name:%s], length [len:%d] **Description:** No description available.
501003	"Station [sta:%m]: Supported rates length trying to associate to BSSID [bss:%m] on AP [name:%s], length [len:%d], actual [alen:%d] **Description:** No description available.
501004	Station [sta:%m]: WPA too Many Ucast ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501005	Station [sta:%m]: WPA2 too Many Ucast ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501010	Station [sta:%m]: Ucast ([ucast:%d]) cannot be non WPA trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501011	Station [sta:%m]: Ucast ([ucast:%d]) cannot be non AES trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501020	Station [sta:%m]: WPA too Many auth ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501021	Station [sta:%m]: WPA2 too Many auth ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501025	Station [sta:%m]: WPA2 too Many PMKID ([num:%d]) trying to associate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501037	Station [sta:%m]: no association found trying to disassociate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501044	Station [sta:%m]: No authentication found trying to de-authenticate to BSSID [bss:%m] on AP [name:%s] **Description:** Station is already removed from station manager when receiving the de-authentication from the station.
501080	Deauth to sta: [mac:%m]: Ageout AP [ip:%P]-[bssid:%m]-[name:%s] [reason:%s] **Description:** No description available.
501081	Deauth to sta: [mac:%m]: Ageout AP [ip:%P]-[bssid:%m]-[name:%s] [reason:%d] **Description:** No description available.
501084	Probe request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for STA DoS protection **Description:** No description available.

Table 21 *User Notice Messages*

Message ID	Message and Description
501087	Probe request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for STA DoS protection SSID [essid:%s] **Description:** No description available.
501088	Probe request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for Rates Mismatch STA 0x[rates:%x] AP 0x[tx_rates:%x] SSID [essid:%s] **Description:** No description available.
501089	Probe request: [mac:%m]: Dropped AP [ip:%P]-[bssid:%m]-[name:%s] for Load Balancing SSID [essid:%s] **Description:** No description available.
501093	Auth success: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501094	Auth failure: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%s] **Description:** No description available.
501095	Assoc request @ [tstr:%s]: [mac:%m] (SN [sn:%d]): AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501098	Deauth to sta: [mac:%m]: Moved out from AP [ip:%P]-[bssid:%m]-[name:%s] to new AP **Description:** No description available.
501099	Deauth to sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%s] **Description:** No description available.
501100	Assoc success @ [tstr:%s]: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501101	Assoc failure: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%s] **Description:** No description available.
501102	Disassoc from sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [reason_code:%s] **Description:** No description available.
501105	Deauth from sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [reason_code:%s] **Description:** No description available.
501106	Deauth to sta: [mac:%m]: Ageout AP [ip:%P]-[bssid:%m]-[name:%s] [func:%s] **Description:** No description available.
501107	Deauth to sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] AP going down **Description:** No description available.
501108	Deauth to sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Configuration Change **Description:** No description available.
501109	Auth request: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] auth_alg [auth_alg:%d] **Description:** No description available.

Table 21 *User Notice Messages*

Message ID	Message and Description
501110	Auth failure: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%d] **Description:** No description available.
501111	Deauth to sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%d] **Description:** No description available.
501112	Assoc failure: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [resp:%d]
501113	Disassoc from sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [reason_code:%d] **Description:** No description available.
501114	Deauth from sta: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Reason [reason_code:%d] **Description:** No description available.
501117	Addts req: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501126	Addts resp: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] accept flow - [flow:%s] **Description:** No description available.
501129	Delts: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] Flow - [flow:%s] **Description:** No description available.
501132	[ip:%p]:[mac:%m] - kick off idle VoIP STA **Description:** No description available.
501133	[func:%s]:[line:%d] Extra call admitted [mac:%m]-[ip:%p] **Description:** No description available.
501134	STA [mac:%m]: HT Capabilities element too short ([len:%d]); ignoring **Description:** No description available.
501136	Source: [sa:%m] Failed AP [ip:%P]-[bssid:%m]-[name:%s] Legacy stations not allowed. **Description:** No description available.
501153	STA [mac:%m]: required MFP but SSID [bssid:%s] not capable; ignoring **Description:** No description available.
501154	STA [mac:%m]: not MFP capable but SSID [bssid:%s] requires MFP; reject **Description:** No description available.
501155	STA [mac:%m]: sent illegal MFP params [bssid:%s] ; reject **Description:** No description available.
501156	STA [mac:%m]: MFPC 0 but MFPR 1 [bssid:%s] ; reject **Description:** No description available.
501159	STA [mac:%m]: VHT Capabilities element too short ([len:%d]); ignoring. **Description:** No description is available.

Table 21 *User Notice Messages*

Message ID	Message and Description
501189	No available vlan in sta_vlan_id. Cannot take [mac:%m] association request. **Description:** Station manager does not have available configured vlan to accept association request.
501190	Vlan assignment algorithm not set. Cannot take [mac:%m] association request. **Description:** VLAN assignment algorithm is not specified in virtual-ap profile
501191	STM fails to assign a vlan to sta [mac:%m] on association request. **Description:** Station manager fails to assign a vlan to a station on association request
501199	User authenticated, mac-[mac:%m], username-[name:%s], IP-[ip:%p], method-[method:%d], role-[role:%s] **Description:** This log indicates that a user has been authenticated.
501201	[func:%s][line:%d]: mac-[mac:%m], role-[role:%s], caleaOn-[on:%d]. **Description:** This log indicates that a user has been caleaOn.
543002	[func:%s] [line:%d] [msg:%s]. **Description:** User debug messages for DPI MGR.

Information Messages

Table 22 *User Information Messages*

Message ID	Message and Description
501035	Station [sta:%m]: DA [da:%m] not found trying to disassociate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501137	Source: [sa:%m] Disabled aggregation on AP [ip:%P]-[bssid:%m]-[name:%s]; WEP or TKIP encryption in use **Description:** No description available.
501138	**Description:** "VPOOL: [sa:%m] Assign Vlan [vlan:%d] on BSSID [bssid:%s] (remain=[remain:%d], reason=[res:%s])" **Recommended Action:** This message indicates that a VLAN was assigned to a client from the Pool
501139	**Description:** "VPOOL: [sa:%m] Release Vlan [vlan:%d] for BSSID [bssid:%s] (remain=[remain:%d], reason=[res:%s])" **Recommended Action:** This message indicates that a VLAN was released to VLAN pool for future reuse
541001	Add client [mac:%s] to blacklist, reason is [reason:%s]. **Description:** add a client to blacklist.
541002	Remove client [mac:%s] from blacklist, reason is [reason:%s]. **Description:** remove a client from blacklist.
541031	Learning client username: mac-[mac:%m] usr-[username:%s] acct-[acctname:%s]. **Description:** learning client usrname.

Table 22 *User Information Messages*

Message ID	Message and Description
541032	[func: %s]: allocate accounting session id, user-[mac:%m] id-[id:%u]. **Description:** learning client usrname.
541034	func: %s]: set user idle timeout, user-[mac:%m] timeout-[to:%u]. **Description:** Set user idle timeout.
541035	Set user agent str for [mac:%m] detail-[us:%s]. **Description:** Set user agent info.
541036	[func:%s]: send idle timeout, sta [mac:%m] , idle time-[time:%d]. **Description:** Station update.
541047	Recv sta l2 roam msg for sta-[mac:%m], pap-[ip:%s], essid-[ssid:%s] **Description:** Receive sta l2 roam.
541048	Send move req to [pap:%s], for sta-[mac:%m], essid-[essid:%s] **Description:** Send station move request.
541049	Receive move req for sta-[mac:%m], essid-[essid:%s], from-[ap:%s] **Description:** Send station move request.
541050	Send move response for sta-[mac:%m], to ap-[ip:%s], **Description:** Send sta move resp.
541051	Recv sta move resp for sta-[mac:%m], from [ip:%s], **Description:** Receive sta move resp.
541052	Sta [mac:%s] move timeout, retry cnt [retry:%d] **Description:** Station move timeout.
541067	Rfc3576 update client role for: [mac:%m], [role:%s], idx-[idx:%u], acl-[acl:%u]. **Description:** Update user role.
541068	Receive XML API lookup for: [mac:%m], [ip:%s]. **Description:** Receive XML API.
541069	Receive XML API usr_del for: [mac:%m], [ip:%s]. **Description:** Receive XML API usr_del.
541070	Receive XML API usr_blacklist for: [mac:%m], [ip:%s]. **Description:** Receive XML API usr_blacklist.
541071	Receive XML API usr_query for: [mac:%m], [ip:%s]. **Description:** Receive XML API usr_query.
543001	[func:%s] [line:%d] [msg:%s]. **Description:** User debug messages for DPI MGR.

Debug Messages

Table 23 *User Debug Messages*

Message ID	Message and Description
501000	Station [mac:%m]: Clearing state **Description:** No description available.
501042	Station [sta:%m]: DA [da:%m] not found trying to de-authenticate to BSSID [bss:%m] on AP [name:%s] **Description:** No description available.
501050	"Station [sta:%m]: No bssid found for management frame type [type:%d], subtype [stype:%d] to BSSID [bss:%m]" **Description:** No description available.
501052	Station [sta:%m]: Dropping management frame type [type:%d], subtype [stype:%d], bss [bss:%m] **Description:** No description available.
501065	[msg:%s] **Description:** No description available.
501066	Source: [sa:%m] Failed AP [ip:%P]-[bssid:%m]-[name:%s] SSID Mismatch **Description:** No description available.
501082	Probe request: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] **Description:** No description available.
501085	Probe request: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] SSID [essid:%s] **Description:** No description available.
501090	Probe response: [mac:%m]: AP [ip:%P]-[bssid:%m]-[name:%s] SSID [essid:%s] **Description:** No description available.
501140	Blacklist client added from db: [mac:%m]. Reason: [reason:%s] **Description:** This log indicates that a client blacklist entry was added from the database at startup.
501142	Derive user vlan: [mac:%m] Derive user Vlan [vlan:%d] from [reason:%s] **Description:** This log indicates that user vlan derivation information .
501143	Derive user vlan: [mac:%m] Can't derive user Vlan from [vlan1:%d] to [vlan2:%d] through [reason:%s] **Description:** This log indicates that user vlan derivation error information .
501144	stm_user_dhcp_role_msg: [reason:%s] **Description:** This log indicates dhcp role debug information .
501145	DHCP option signature: DHCP option [option:%d] signature [reason:%s] **Description:** This log indicates dhcp option signature information .
501146	Derive user role: [mac:%m] Match user role [role:%s] acl [acl:%d] rule_index [index:%x] **Description:** This log indicates that matched user role information.

Table 23 *User Debug Messages*

Message ID	Message and Description
501147	Update user role: [mac:%m] Update user role [role:%d] rule_index [index:%x] from master msg **Description:** This log indicates that update user role information from master.
501148	Receive portal auth acl: [mac:%m] ip str [ip:%s] port [port:%s] essid [essid:%s] user [usr:%s] **Description:** This log indicates that we received portal auth acl msg from cli0.
501149	Send radius auth info: authtime [time:%s] timeouts [to:%u], authdone [true:%u] **Description:** This log indicates that we are sending radius auth info to cli0.
501150	Derive user role: [mac:%m] Derive user role [role:%s] acl [acl:%d] rule_index [index:%x] **Description:** This log indicates that derive user role information.
501151	user-agent signature: signature [reason:%s] **Description:** This log indicates user-agent signature information .
501152	Dot1x-auth-type signature: signature [reason:%s] **Description:** This log indicates dot1x-auth-type signature information .
501157	Station [sta:%m]: Unexpected SA-Query Response bss [bss:%m] **Description:** No description available.
501158	Station [sta:%m]: SA-Query Request from non-MFP STA to bss [bss:%m] **Description:** No description available.
501160	[msg:%s] **Description:** No description available.
501161	Client Match Received probe report: AP [ap:%s] ESSID [essid:%s] Assoc ESSID [a_essid:%s] for client [mac:%s] with signal [sig:%d] **Description:** No description is available.
501162	Client Match: Unsteerable STA [mac:%m] consec_fails [fails:%d], giving up. **Description:** No description is available.
501163	Client Match: Adding new unsteerable client [mac:%m] reason [reason:%d]. **Description:** No description is available.
501164	Client Match: Found 11v Capable STA [mac:%m]. **Description:** No description is available.
501165	Client Match: Skip steer for client [mac:%m], Assoc SAP [assoc_sap:%m] not found in VBR. **Description:** No description is available.
501166	Client Match: Skip steer for client [mac:%m] from [src_ap:%m] to [dst_ap:%m], Stale entry for dst or src: Src [sts:%ld] dst [dst_ts:%ld] now [now:%ld]. **Description:** No description is available.
501167	Client Match: Blacklist STA [mac:%m] on AP [ap:%s] [bss:%m] Reason [reason:%s] Timeout [timeout:%d]. **Description:** No description is available.

Table 23 *User Debug Messages*

Message ID	Message and Description
501168	Client Match: Invalid trigger from AP [ap:%m] for client [client:%m] - [reason:%s]. **Description:** No description is available.
501169	Client Match: Client trigger [reason:%s] for client [client:%m] from AP [name:%s] [bss:%m] to AP [d_name:%s] [d_bss:%m]. **Description:** No description is available.
501170	Client Match: LoadBal Band mismatch Skipping match for Client [mac:%m] Dest AP [name:%s] [bss:%m]. **Description:** No description is available.
501171	Client Match: LoadBal Found match for Client [mac:%m] Dest AP [name:%s] [bss:%m] signal [signal:%d] snr thresh [thresh:%d]. **Description:** No description is available.
501172	Client Match: LoadBal Not found match for Client [mac:%m] Dest AP [name:%s] [bss:%m] signal [signal:%d] snr thresh [thresh:%d]. **Description:** No description is available.
501173	Client Match: LoadBal Adding pot sta [mac:%m] for move from AP [name:%s] [bss:%m] Current SNR [snr:%d]. **Description:** No description is available.
501174	Client Match: Deleting BSS [bss:%m] from client [mac:%m] AP may be down or AM. **Description:** No description is available.
501175	Client Match: Deleting STA [mac:%m] from VBR table. **Description:** No description is available.
501176	Client Match: For client [mac:%m] Not found SAP [bss:%m]. **Description:** No description is available.
501177	Client Match: For client [mac:%m] No weaker AP found, ignoring new AP %s [bss:%m]. **Description:** No description is available.
501178	Client Match: Client [mac:%m] Adding AP [bss:%m] by replacing weakest AP idx [idx:%d] [w_bss:%m]. **Description:** No description is available.
501179	Client Match: Client [mac:%m] Adding AP [name:%s] [bss:%m] at idx [idx:%d]. **Description:** No description is available.
501180	Client Match: Unknown Assoc AP: skipping update from AP [name:%s] [bss:%m] for client [mac:%m]. **Description:** No description is available.
501181	Client Match: Mismatched ESSID: skipping update from AP [name:%s] [bss:%m] ESSID [essid:%s] Assoc ESSID [a_essid:%s] for client [mac:%m]. **Description:** No description is available.
501182	Client Match: Blacklist STA [mac:%m] on AP [bss:%m] Timeout [timeout:%d] Mode [mode:%d]. **Description:** No description is available.

Table 23 *User Debug Messages*

Message ID	Message and Description
501183	Client Match: Deauth STA [mac:%m] on AP [bss:%m]. **Description:** No description is available.
501184	Client Match: Successful move for client [mac:%m] Source AP [s_name:%s] [s_bss:%m] Signal [s_sig:%d] to Target AP [name:%s] [bss:%m] Signal [t_sig:%d] Time diff [diff:%d] Reason [rsn:%s]. **Description:** No description is available.
501185	Client Match: Unsuccessful move for client [mac:%m] from Source AP [s_name:%s] [s_bss:%m] Signal [s_sig:%d] to Target AP [name:%s] [bss:%m] Signal [t_sig:%d] Actual AP [a_name:%s] [a_bss:%m] Time diff [diff:%d] Reason [rsn:%s] **Description:** No description is available.
501194	Derive user role from dhcp-option(applied): [mac:%m] Match user role [role:%s] acl [acl:%d] rule_index [index:%x]. **Description:** This log indicates that matched user role information using dhcp-option.
501195	Update dhcp-opt: [mac:%m] Update dhcp-opt [vlan:%d] [vlanhow:%s] [role:%d] rule_index [index:%x] essid [essid:%s] from master msg. **Description:** This log indicates that update user DHCP-option information from master.
501196	Update dhcp-opt: [mac:%m] Update dhcp-opt [vlan:%d] [vlanhow:%s] [role:%d] rule_index [index:%x] essid [essid:%s] to cli0 msg. **Description:** This log indicates that update user dhcp-opt information to CLI.
501197	Send user role info: mac-[mac:%m], acl-[acl:%d]. **Description:** No description is available.
501198	Receive disconnect user, mac-[mac:%m], bssid-[bssid:%m], logout-[logout:%d], deauth-[deauth:%d], term-[trem:%d]. **Description:** This log indicates that we are receiving disconnect user message from CLI0.
501200	Rap bridge user msg, flags-[flags:%d] action-[action:%d] aclnum-[aclnum:%d] ip-[ip:%p] mac-[mac:%m],bssid-[bssid:%m] vlan-[vlan:%d] wired-[wired:%d]. **Description:** This log indicates that stm received ASAP_STM_BRIDGE_USER message
501202	Receive user acct req, mac-[mac:%m], bssid-[bssid:%m], acctreq-[acctreq:%d], term-[trem:%d]. **Description:** This log indicates that we are receiving user acct req msg from cli0.
501203	Receive user accounting info: mac-[mac:%m], status-[status:%d], inocts-[inocts:%d], outocts-[outocts:%d], inpkts-[inpkts:%d], outpkts-[outpkts:%d], sesstim-[sesstim:%d], sessid-[sessid:%s], multisessid-[multisessid:%s]. **Description:** This log indicates that we are sending user acct info to cli0.
501204	Send user accounting info: mac-[mac:%m], status-[status:%d], inocts-[inocts:%d], outocts-[outocts:%d], inpkts-[inpkts:%d], outpkts-[outpkts:%d], sesstim-[sesstim:%d], sessid-[sessid:%s], multisessid-[multisessid:%s]. **Description:** This log indicates that we are sending user acct info to cli0.
501205	Client Match: Initialize bandsteer window for [mac:%m] Radio [rad:%m] Start time [st:%ld] End Time [end:%ld]. **Description:** No description available.

Table 23 *User Debug Messages*

Message ID	Message and Description
501206	Client Match: Update bandsteer window for [mac:%m] Radio [rad:%m] Start time [start:%ld] End time [end:%ld] Now [now:%ld] Num steers [st:%d]. **Description:** No description available.
501207	Client Match: Pausing bandsteer for [mac:%m] Radio [rad:%m] Start time [start:%ld] End time [end:%ld] Now [now:%ld] Num steers [st:%d]. **Description:** No description available.
501208	Client Match: Reset bandsteer window for [mac:%m] Radio [rad:%m] Start time [start:%ld] End time [end:%ld] Now [now:%ld] Num steers [st:%d]. **Description:** No description available.
524000	Skipping disable operation, opcode:0x[address:%x] not registered. **Description:** This shows an internal user debug message.
507002	[msg:%s] **Description:** No description is available.
507003	Client Match: No other radio **Description:** No description is available.
507004	Client Match: Other radio [bss:%m] not strong enough: Min Signal [ms:%d] Sticky thresh [st:%d], cur signal [cs:%d] new signal [ns:%d] (-dBm) **Description:** No description is available.
507005	Client Match: Found 5G radio [bss:%m] with signal -[sig:%d] dBm. **Description:** No description is available.
507006	Client Match: No other radio or other radio not much stronger cur signal [sig:%d] other signal [o_sig:%d] (-dBm). **Description:** No description is available.
507007	Client Match: For client [mac:%m] Trigger [tr:%s] No better candidate AP. **Description:** No description is available.
507008	Client Match: For client [mac:%m] Trigger [tr:%s] Better candidate [bss:%m] with signal -[sig:%d] dBm Channel [ch:%d] Current Signal -[cs:%d] dBm. **Description:** No description is available.
507009	Client Match: For client [mac:%m] No steering 5G in DFS non-occupancy. **Description:** No description is available.
507010	Client Match: For client [mac:%m] No steering Single radio AP. **Description:** No description is available.
507011	Client Match: For client [mac:%m] No steering Band Balance A Clients [a_cl:%d] G Clients [g_cl:%d]. **Description:** No description is available.
507012	Client Match: Unsteerable client [mac:%m] Reason [rsn:%s]. **Description:** No description is available.
507013	Client Match: Detected client [mac:%m] Assoc BSSID [bss:%m] channel [ch:%d] with low RSSI [rssi:%d] dB. **Description:** No description is available.

Table 23 *User Debug Messages*

Message ID	Message and Description
507014	Client Match: End of steer backoff for client [mac:%m] now [now:%d] last moved [moved:%d]. **Description:** No description is available.
507015	Client Match: Active voice client, defer client match steer [mac:%m]. **Description:** No description is available.
507016	Client Match: Skip [reason:%s] move, missing assoc BSS in VBR for client [mac:%m]. **Description:** No description is available.
507017	Client Match: New assoc backoff, defer steering [sta:%m] now [now:%d] assoc_ts [ats:%d]. **Description:** No description is available.
507018	Client Match: New assoc [client:%m] Assoc time [atime:%d]. **Description:** No description is available.
520001	[[file:%s]:[line:%d]] [message:%s] **Description:** aaa module's debug message.
520002	Authentication server request Timeout, username=[username:%s] userip=[userip:%s] usermac=[usermac:%s] servername= [servername:%s] serverip= [serverip:%s] bssid=[bssid:%s] apname=[apname:%s]. **Description:** This shows request timeout for authentication server.
520003	Accounting server request Timeout, username=[username:%s] userip=[userip:%s] usermac=[usermac:%s] servername= [servername:%s] serverip= [serverip:%s] bssid=[bssid:%s] apname=[apname:%s]. **Description:** This shows request timeout for accounting server.
524001	cert id [certid:%d] tun id [tuneid:%d]. **Description:** This shows an internal user debug message.
524002	Download was skipped **Description:** This shows an internal user debug message.
524003	Dot1x- Default profile cert id:[certid:%d]. **Description:** This shows an internal user debug message.
524004	Dot1x- Download time ID :[certid:%d],[certname:%s],[caname:%s] **Description:** This shows an internal user debug message
524011	Src ip:[src:%s],Dst ip:[dst:%s],offset= [offset:%d] flags:=[flags:%d] Fragmented Packet **Description:** This shows an internal user debug message
524012	Fragment Length [fraglen:%d] **Description:** This shows an internal user debug message
524013	Forwarding the Radius packet after stateful dot1x processing code=:[code:%d], smac=:[smac:%s],sport=:[sport:%d],dport[dport:%d] **Description:** This shows an internal user debug message
524014	radius request timeout, unauthenticating station name:[name:%s], mac=:[mac:%s] **Description:** This shows an internal user debug message

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Table 23 *User Debug Messages*

Message ID	Message and Description
524015	Forwarding the Radius Response to AP:[ipstr:%s],[len:%d] **Description:** This shows an internal user debug message
524016	radius response timeout, unauthenticating station name=:[name:%s],mac=:[mac:%s] **Description:** This shows an internal user debug message
524017	User name:[name:%s] ,has moved from SAP mac:[mac:%s] to SAPmac:[smac:%s] **Description:** This shows an internal user debug message
524018	Forwarding to the Radius Server[srvip:%s],len:[len:%d] **Description:** This shows an internal user debug message
524029	FT([string:%s]): sap=[string1:%s] mdie=[mdie:%d], ft_cap=0x[ft_cap:%x] ucast 0x[ucast:%x] **Description:** This shows an internal user debug message
524031	Continuing show at [i:%d] [instance:%d] **Description:** This shows an internal user debug message
524032	For kcache table [i:%x], got pcache [pcache:%d] for mac [mac:%s] bssid [mac1:%s] **Description:** This shows an internal user debug message
524033	Breaking the show at [i:%d] [pcache:%x] ie for mac [mac:%s] bssid [bssid:%s] **Description:** This shows an internal user debug message
524034	[string:%s]: begins=> **Description:** This shows an internal user debug message
524035	[i:%2x] [j:%2x] [k:%2x] [l:%2x] [m:%2x] [n:%2x] [o:%2x] [p:%2x] **Description:** This shows an internal user debug message
524036	[string:%s]: ends=> **Description:** This shows an internal user debug message.
524037	[string:%s]: [mac:%s] sending key1 11r ([ft:%d]) xsec([xsec:%d]) **Description:** This shows an internal user debug message.
524038	[string:%s]: FT sending key1 **Description:** This shows an internal user debug message.
524039	[string:%s]: MFP sending Key Desc Ver 3 in key1 **Description:** This shows an internal user debug message.
524040	[string:%s]: rsn len ([len:%d]) **Description:** This shows an internal user debug message.
524041	[string:%s] :FT mesg3 copied gtk, len=[len:%d] data len=[len1:%d] **Description:** This shows an internal user debug message.
524042	[string:%s]: FT mic=[string1:%s] **Description:** This shows an internal user debug message.

Table 23 *User Debug Messages*

Message ID	Message and Description
524045	FT ([func:%s]): sap=[bssid:%s] mdie=[mdie:%d] ft_cap=0x[cap:%x] ucast=0x[ucast:%x] mcast 0x[mcast:%x] **Description:** This shows an internal user debug message.
524047	USERNAME **Description:** This shows an internal user debug message.
524048	NAP_IP_ADDRESS **Description:** This shows an internal user debug message.
524049	CALLING_STATION_ID **Description:** This shows an internal user debug message.
524050	CALLED_STATION_ID **Description:** This shows an internal user debug message.
524051	EAP MESSAGE **Description:** This shows an internal user debug message.
524052	NAS_IDENTIFIER_ID **Description:** This shows an internal user debug message.
524053	NAS_IDENTIFIER_ID **Description:** This shows an internal user debug message.
524054	NAS_IP is set to 0.0.0.0, Using source ip as the NAS_IP **Description:** This shows an internal user debug message.
524055	Received Valid Radius Response **Description:** This shows an internal user debug message.
524069	FT [str:%s] input: pmk_r0=[str1:%s], pmk_r0_name=[str2:%s] r1kh_id=[id:%s] **Description:** This shows an internal user debug message.
524071	FT [str:%s] Derived pmk_r1=[str1:%s], pmk_r1_name=[str2:%s] **Description:** This shows an internal user debug message.
524072	FT ([str:%s]): bssid=[bssid:%s] **Description:** This shows an internal user debug message.
524073	FT ([str:%s]): input pmk_r1 =[str1:%s] **Description:** This shows an internal user debug message.
524074	FT ([str:%s]): input pmk_r1_name =[str1:%s] **Description:** This shows an internal user debug message.
524075	FT ([str:%s]): snonce=[str1:%s] **Description:** This shows an internal user debug message.
524076	FT ([str:%s]): anonce=[str1:%s] **Description:** This shows an internal user debug message.
524077	FT ([str:%s]): Derived ptk [ptk:%s] **Description:** This shows an internal user debug message.

Table 23 *User Debug Messages*

Message ID	Message and Description
524078	FT ([str:%s]): Derived ptk_name [ptk:%s] **Description:** This shows an internal user debug message.
524079	FT ([str:%s]): essid:[essid:%s], bssid:[bssid:%s] ukey:0[ukey:%x], mkey:[mkey:%x], psk:[psk:%s],tkip:[tkip:%s] **Description:** This shows an internal user debug message.
524080	FT: cannot allocate FT key info entry **Description:** This shows an internal user debug message.
524081	[str:%s]: kcache [cache:%p] for sta [sta:%s] added **Description:** This shows an internal user debug message.
524082	[str:%s]: Error adding pcache **Description:** This shows an internal user debug message.
524083	[str:%s]: pcache [pcahe:%x] for sta [sta:%s] added. **Description:** This shows an internal user debug message.
524084	FT: xxxkey([xxx:%d])=[str:%s], mdid=[mdid:%d], ssid=[ssid:%s], r0kh_id=[id:%s] **Description:** This shows an internal user debug message.
524085	FT[str:%s]: pmk_r0:[pmk:%s], pmk_r0_name [name:%s] **Description:** This shows an internal user debug message.
524086	FT[str:%s]: ptk[ptk:%s] **Description:** This shows an internal user debug message.
524087	FT[str:%s]: input: sta [sta:%s], sap_mac[sap:%s] **Description:** This shows an internal user debug message.
524088	[str:%s]: kcache [cache:%p] found for sta [sta:%s] **Description:** This shows an internal user debug message.
524089	[str:%s]: Error adding kcache and r0_data **Description:** This shows an internal user debug message.
524090	[str:%s]: Copy new pmk_r1 = [pmk:%s], pmk_r1_name = [str1:%s] **Description:** This shows an internal user debug message.
524091	[str:%s]: Missing kcache entry! **Description:** This shows an internal user debug message.
524092	[str:%s]: kcache found **Description:** This shows an internal user debug message.
524093	FT([str:%s]) r0kh:[r0kh:%s], r0_name:[str1:%s] **Description:** This shows an internal user debug message.
524095	Missing kcache entry! **Description:** This shows an internal user debug messages.
524096	PMKR0-Name mismatch! cached=[str:%s] **Description:** This shows an internal user debug message.

Table 23 *User Debug Messages*

Message ID	Message and Description
524097	Generated anonce:[str:%s] **Description:** This shows an internal user debug message.
524098	[str:%s]: Derived gtk=[str1:%s] **Description:** This shows an internal user debug message.
524099	[str:%s]: Encrypted gtk=[str1:%s] **Description:** This shows an internal user debug message.
524100	FT([str:%s]): Calculating MIC **Description:** This shows an internal user debug message.
524101	MIC buf(60)=[str:%s], mic_buf_len [len:%d] **Description:** This shows an internal user debug message.
524102	MIC buf([mic:%d])=[str:%s], mic_buf_len [len:%d] **Description:** This shows an internal user debug message.
524103	MIC =[str:%s] **Description:** This shows an internal user debug message.
524104	FT:Failed to calculate MIC **Description:** This shows an internal user debug message.
524105	FT([str:%s]): buf_len ([len:%d]) = 2*ETH_ALEN + 1 + mdie_len ([mdie:%d]) + ftie_len([ftie:%d]) + rsnie_len([rsnie:%d]) + ric_len([ric:%d]), buf [buf:%x] **Description:** This shows an internal user debug message.
524106	FT association request **Description:** This shows an internal user debug message.
524108	[str:%s]: Error adding kcache **Description:** This shows an internal user debug message.
524109	[str:%s]: missing sap entry for bssid [bssid:%s], encr 0x[encr:%x] **Description:** This shows an internal user debug message.
524110	Mismatch PMKR1-Name! **Description:** This shows an internal user debug message.
524111	[str:%s]: missing sap entry for bssid [bssid:%s] **Description:** This shows an internal user debug message.
524112	[func:%s]: kcache essid ([kcacheessid:%s]), essid ([essid:%s]) **Description:** This shows an internal user debug message.
524113	auth done called from ncfg_dot1x_validatepmkid_enabled **Description:** This shows an internal user debug message.
524114	MAC auth failed, skipping dot1x. **Description:** This shows an internal user debug message.
524115	Auth done called from Authenticated state. **Description:** This shows an internal user debug message.

Table 23 *User Debug Messages*

Message ID	Message and Description
524116	DHCP UDR defined vlan. Got response from STM VLAN UPDATED. **Description:** This shows an internal user debug message.
524117	Auth done called from Key Challenge. **Description:** This shows an internal user debug message.
524118	[func:%s] cached entry [buf:%s]. **Description:** This shows an internal user debug message.
524119	[func:%s] Failed to lookup user/dot1xctx. **Description:** This shows an internal user debug message.
524120	[func:%s] Failed to lookup user. **Description:** This shows an internal user debug message.
524121	Derived VLAN for the user is [vlan:%d]. **Description:** This shows an internal user debug message.
524122	ACL/Key propagation failed, Msgtype:[msgtype:%d], keytype:[keytype:%d], mac:[mac:%s], bssid:[bssid:%s], error:[errstr:%s]([errid:%d]), station doesnt exist currently. **Description:** This shows an internal user debug message.
524123	ACL/Key propagation failed, Msgtype:[msgtype:%d], keytype:[keytype:%d], mac:[mac:%s], bssid:[bssid:%s], error:[errstr:%s]([errid:%d]), sending deauth to station. **Description:** This shows an internal user debug message.
524124	[func:%s](): MAC:[mac:%s], pmkid_present:[pmkid_present:%s], pmkid:[pmkid:%s]. **Description:** This shows internal debug messages.
524125	[func:%s](): FT-Bridge Client-MAC:[mac:%s] Recover from K-cache- VLAN:[vlan:%d] ROLE:[role:%s]. **Description:** This shows internal debug messages.
524129	[func:%s](): MAC:[mac:%s] GSM: Successfully published Key-cache object. **Description:** This shows internal debug messages.
524131	[func:%s](): MAC:[mac:%s] GSM: Successfully deleted Key-cache object. **Description:** This shows internal debug messages.
524134	[func:%s](): MAC:[mac:%s] BSS:[bssid:%s] GSM: Successfully published PMK-cache object. **Description:** This shows internal debug messages.
524136	[func:%s](): MAC:[mac:%s] BSS:[bssid:%s] GSM: Successfully deleted PMK-cache object. **Description:** This shows internal debug messages.
524139	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] Update:[update:%c]. **Description:** This shows internal debug messages.
524140	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] Update:[update:%c]. **Description:** This shows internal debug messages.

Table 23 *User Debug Messages*

Message ID	Message and Description
524141	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s]. **Description:** This shows internal debug messages.
524142	[func:%s]():[line:%u]: MAC:[mac:%s] BSS:[bssid:%s] Update:[update:%c]. **Description:** This shows internal debug messages.
524148	PMK aging: start-index [si:%d] end-index [ei:%d] (visited, deleted) kcache ([kv:%d], [kd:%d]) pcache ([pv:%d], [pd:%d]). **Description:** This shows internal debug messages.
524149	okc Key found in dt-cache for Client-MAC:[mac:%s]. **Description:** This shows internal debug messages.
524150	11r key found in dt-cache for Client-MAC:[mac:%s]. **Description:** This shows internal debug messages.
541005	[func:%s]: accounting session, client mac-[mac:%m], time-[time:%u]. **Description:** AP update client from STM.
541006	[func:%s]: auth state, Station [mac:%m] essid [essid:%s] authenticated [true:%d]. **Description:** Station authenticated state.
541007	[func:%s]: persist client mac-[mac:%m], bssid-[bssid:%m], essid-[essid:%s]. **Description:** AP sync persist client to STM.
541008	[func:%s]: client mac-[mac:%m], bssid-[bssid:%m], essid-[essid:%s], session-[name:%s] [time:%u]. **Description:** AP sync client to STM.
541009	[func:%s]: machine auth token, mac-[mac:%m], bssid-[bssid:%m], ssid-[ssid:%s]. **Description:** AP configure machine auth.
541010	[func:%s]: apip-[ap_ip:%s], clientip-[client_ip:%s], mac-[mac:%m], bssid-[bssid:%m]. **Description:** AP sent reauth.
541011	[func:%s]: sta look up req to apip-[ap_ip:%s], mac-[mac:%m]. **Description:** AP sent/receive station request.
541014	[func:%s]: sta lkup response to apip-[ap_ip:%s], mac-[mac:%m]. **Description:** AP sent/receive station response.
541015	[func:%s]: Add mac auth token for sta-[sta:%m]. **Description:** Station update.
541016	[func:%s]: add reauth ctx for client-[mac:%m]. **Description:** Station update.
541019	[func:%s]: session timeout, sta [mac:%m] , reauth-[session_time:%d], current-[current:%d]. **Description:** Station update.
541020	[func:%s]: sta [mac:%m] reauth disable in ssid-[ssid:%s]. **Description:** Station update.

Table 23 *User Debug Messages*

Message ID	Message and Description
541022	[func:%s]: send sta-[mac:%m] update to master-[master:%s], ssid-[ssid:%s]. **Description:** Station update.
541024	[func:%s],[line:%d]:get sync message for client [mac:%m], from [from_ap:%s] **Description:** station ip updated.
541025	[func:%s]: check client [mac:%m] [ip:%s] on AP [ap_ip:%s], timeout [timeout:%d] auth time [time:%d]. **Description:** Debug client reauth info.
541026	[func:%s]: send disconnect user, AP ip: [ap_ip:%s], client ip [clent_ip:%s]. **Description:** AP disconnect client.
541027	Locate client response for [mac:%m], AP-ip: [ap_ip:%s]. **Description:** AP locate client.
541029	Receive stat publish for client - [mac:%m], from ap [ip:%s]. **Description:** Receive stat publish msg.
541030	[func:%s]: User role, Station [mac:%m] essid [essid:%s] role [num:%d] rule_index [index:%x]. **Description:** Station user role update.
541033	[func: %s]: L3 mobility updates user [mac:%m] [action:%s] [type:%s] with [peerip:%s] [vcip:%s]. **Description:** Marking or clearing the client as foreign or remote.
541036	[func:%s]: idle timeout, sta [mac:%m] , idle time-[time:%d]. **Description:** Station update.
541037	[func:%s]: set accounting interval, sta [mac:%m] , account interval-[time:%d]. **Description:** Station update.
541038	[func:%s]: set class attribute, sta [mac:%m] , class attribute-[class:%s]. **Description:** Station update.
541039	[func:%s]: Set dhcp-opt, Station [mac:%m] essid [essid:%s] role [num:%d] rule_index [index:%x] vlan [vlan:%d] vlanhow[vlanhow:%s]. **Description:** Station dhcp-option update.
541040	[func:%s]: Set os string, client [mac:%m], os [os:%s]. **Description:** Station os update.
541041	[func:%s]: update vc for client [mac:%m]. **Description:** Station update to vc.
541042	[func:%s]: set accounting interval, sta [mac:%m] , account interval-[time:%d]. **Description:** Station update.
541043	[func:%s]: set class attribute, sta [mac:%m] , class attribute-[class:%s]. **Description:** Station update.
541044	[func:%s]: set reauth ctx for client-[mac:%m], timeout-[to:%d]. **Description:** No description available.

Table 23 *User Debug Messages*

Message ID	Message and Description
541045	[func:%s]: Send accounting session, client mac-[mac:%m]. **Description:** No description available.
541053	[func:%s]: Send os string, client [mac:%m], os [os:%s]. **Description:** Station OS update.
541054	[func:%s]: Send user role, Station [mac:%m] essid [essid:%s] role [num:%d] rule_index [index:%x]. **Description:** Station user role update.
541055	[func:%s]: Send dhcp-opt, Station [mac:%m] essid [essid:%s] role [num:%d] rule_index [index:%x] vlan [vlan:%d] vlanhow[vlanhow:%s]. **Description:** Station DHCP-option update.
541056	[func:%s]: Add auth state, Station [mac:%m], authenticated [true:%d]. **Description:** Station authenticated state.
541057	[func:%s]: Station [mac:%m], essid [ssid:%s], cp-enable [yes:%d]. **Description:** Print CP user.
541058	[func:%s]: Add calea state, Station [mac:%m], caleaOn [yes:%d]. **Description:** Print calea state add.
541059	[func:%s]: Set calea state, Station [mac:%m], caleaOn [yes:%d]. **Description:** Print calea state add.
541060	[func:%s]: Send accounting ctx, client mac-[mac:%m], status-[status:%u], inocts-[inocts:%u], outocts-[outocts:%u], inpkts-[inpkts:%u], outpkts-[outpkts:%u], sessid-[sessid:%s]. **Description:** AP update client from STM.
541061	[func:%s]: Set accounting ctx, client mac-[mac:%m], status-[status:%u], inocts-[inocts:%u], outocts-[outocts:%u], inpkts-[inpkts:%u], outpkts-[outpkts:%u], sessid-[sessid:%s]. **Description:** AP update client in CLI.
541062	[func:%s]: Send accounting request, client mac-[mac:%m], status-[status:%u]. **Description:** Send sta accouting request to STM.
541063	Locate client send to slave for [mac:%m], AP-ip: [ap_ip:%s]. **Description:** AP locate client.
541064	Reclassify ap type for: [mac:%m], phyType: [phy:%d], rapType: [rap:%d]. **Description:** Reclassify ap type.
541065	Reclassify ap type conf lvl for: [mac:%m], phyType: [phy:%d], rapType: [rap:%d], confLvl: [cl:%d]. **Description:** Reclassify ap type conf level.
541066	Reclassify sta type for: [mac:%m], phyType: [phy:%d], rapType: [rap:%d]. **Description:** Reclassify sta type.
543000	[func:%s] [line:%d] [msg:%s]. **Description:** User debug messages for DPI MGR.

Error Messages

Table 24 *Wireless Error Messages*

Message ID	Message and Description
400143	AP [name:%s]: ESSID mismatch index [ndx:%d]. expected [e1:%s] got [e2:%s] **Description:** An internal error has occurred. **Recommended Action:** Contact your support provider.
400144	AP [name:%s]: Station [sta:%m] not found while clearing association **Description:** An internal error has occurred. **Recommended Action:** Contact Dell Technical Support.

Warning Messages

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
400130	"AP [name:%s]: SAPCP payload shorter than minimum bssid [bss:%m]; minimuum length [len:%d], actual [alen:%d] **Description:** No description available.
400135	AP [name:%s]: SAPCP: Unknown frame type [type:%d] **Description:** No description available.
400140	AP [name:%s]: No virtual AP defined **Description:** No description available.
400141	AP [name:%s]: VLAN [vlan:%d] not found **Description:** No description available.
400142	AP [name:%s]: Remote AP support not licensed; dropping request **Description:** No description available.
400146	AP [name:%s]: number of VLANs limit exceeded [nvlan:%d] **Description:** No description available.
400150	AP [name:%s]: GRE tunnel setup failed for bssid [bss:%m] **Description:** No description available.
400165	AP [name:%s]: Too many virtual APs [nvap:%d] configured. **Description:** No description available.
400167	wifi_mgmt_del_sap: sap_list for [bssid:%m]-[ip:%P] not found **Description:** No description available.

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
400169	"AP - [bssid:%m], max_clients [max_clients:%d] too big **Description:** No description available.
400171	wifi_sap_down:unknown SAP IP [ip:%P] BSS [bssid:%m] **Description:** No description available.
400172	wifi_load_balance:unknown SAP IP [ip:%P] BSS [bssid:%m] **Description:** No description available.
400173	wifi_update_sta_vlan: AP [bssid:%m] not found **Description:** No description available.
400174	wifi_update_sta_vlan: Too Many VLANs on [bssid:%m] **Description:** No description available.
400176	wifi_bss_counter_measures_enable: AP [bssid:%m] not found **Description:** No description available.
400177	wifi_handle_vlan_message: AP [bssid:%m]: Too Many VLANs **Description:** No description available.
400178	Association Flood DoS attack detected - AP [bssid:%m] **Description:** No description available.
400179	handle_ap_message_response: BSS [bssid:%m] not found **Description:** No description available.
400180	handle_ap_message_response: BSS [bssid:%m] nothing outstanding **Description:** No description available.
400181	handle_clear_ap_state: Unknown AP [bssid:%m] **Description:** No description available.
400182	stat_update: IP Addr Mismatch SAP [bssid:%m] Wrong IP [ip:%P] **Description:** No description available.
400183	[func:%s]:Unknown SAP [bssid:%m] **Description:** No description available.
400184	[func:%s]:Unknown SAP [bssid:%m] Mode [fw_mode:%d] **Description:** No description available.
400194	Dropping association request from [sta:%m]: too many STM_STA_MESSAGE outstanding **Description:** No description available.
404021	AM [bssid:%s]: Unexpected channel [channel:%d] change by AM for RFprotect Sensor radio **Description:** No description available.
404046	AM [bssid:%s]: Low RSSI [rssi:%d] detected for STA [mac_str:%s] BSS [bssid_str:%s] ESS [essid:%s] Deauthing STA **Description:** No description available.

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
404050	AM [bssid:%s]: ARM C [channel:%d] PER [per:%d] MER [mer:%d] FRR [frr:%d] [arm_error_rate_threshold:%d]-[arm_error_rate_wait_time:%d] **Description:** No description available.
404052	AM [bssid:%s]: [message:%s] **Description:** No description available.
404061	AM [bssid:%s]: ARM Band Request - GC [g_covered_channels:%d] AC [a_covered_channels:%d] **Description:** No description available.
404062	AM [bssid:%s]: ARM Band Request - AC [a_covered_channels:%d] GC [g_covered_channels:%d] **Description:** No description available.
404063	AM [bssid:%s]: ARM Channel Band Trigger new [channel:%d]-[arm_ii_arm_ccii:%d]/ [arm_nii_arm_nccii:%d] old [ap_amc_channel:%d]-[arm_ccii_arm_ii:%d]/ [arm_nccii_arm_nii:%d] new_rra [min_amc_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404064	AM [bssid:%s]: ARM Radar Detected Trigger Current Channel [ap_amc_channel:%d] new_rra [min_amc_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404065	AM [bssid:%s]: ARM Error Threshold Trigger Current Channel [ap_amc_channel:%d] new_rra [min_amc_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404066	AM [bssid:%s]: ARM Invalid Channel Trigger Current Channel [ap_amc_channel:%d] new_rra [min_amc_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404067	AM [bssid:%s]: ARM Active Rogue Trigger new [rogue_channel:%d] old [ap_channel:%d] new_rra [channel:%d]/[new_tx_power:%d] TCI [arm_tci:%d] **Description:** No description available.
404068	AM [bssid:%s]: ARM Noise Threshold Trigger Current Channel [ap_channel:%d] new_rra [zero_ci_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404069	AM [bssid:%s]: ARM Channel Interference Trigger new [min_amc_channel:%d]-[arm_nii_arm_nccii:%d] old [ap_amc_channel:%d]-[arm_nccii_arm_nii:%d] new_rra [channel:%d]/[new_tx_power:%d] TCI [arm_tci:%d] **Description:** No description available.
404070	AM [bssid:%s]: ARM Empty Channel Trigger new [empty_amc_channel:%d]-[empty_amc_arm_ii:%d]/[empty_amc_arm_nii:%d] old [ap_amc_channel:%d]-[ap_amc_arm_ii:%d]/[ap_amc_arm_nii:%d] new_rra [channel:%d]/[new_tx_power:%d] **Description:** No description available.
404071	AM [bssid:%s]: ARM Empty Co Channel Trigger new [empty_amc_channel:%d]-[empty_amc_arm_ii:%d]/[empty_amc_arm_nii:%d] old [ap_amc_channel:%d]-[ap_amc_arm_ii:%d]/[ap_amc_arm_nii:%d] new_rra [channel:%d]/[new_tx_power:%d] **Description:** No description available.

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
404072	AM [bssid:%s]: ARM - too much power decreasing... cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]/[arm_max_tx_power:%d] **Description:** No description available.
404073	AM [bssid:%s]: ARM - too little power increasing... cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]/[arm_min_tx_power:%d] **Description:** No description available.
404074	AM [bssid:%s]: ARM - increasing power cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]/[current_tx_power_1:%d] **Description:** No description available.
404075	AM [bssid:%s]: ARM - decreasing power cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]/[current_tx_power_2:%d] **Description:** No description available.
404076	"AM [bssid:%s]: Radar detected on interface [interface:%s], channel [channel:%d], typeid [typeid:%d]" **Description:** No description available.
404077	AM [bssid:%s]: ARM Channel Quality Threshold Trigger Current Channel [ap_channel:%d] new_rra [zero_ci_channel:%d]/[new_tx_power:%d] T **Description:** No description available.
404085	AM [bssid:%s]: ARM HT Channel Interference Trigger new [min_amc_channel:%d]-[min_amc_channel_sec:%d]/[arm_pii:%d] old [ap_amc_channel:%d]/[ap_amc_channel_sec:%d]-[old_arm_pii:%d] new_rra [channel:%d]/[secondary:%d]-[new_tx_power:%d] TCI [arm_tci:%d] **Description:** No description available.
404086	AM [bssid:%s]: ARM HT Noise Threshold Trigger Current Channel [ap_channel:%d]-[ap_sec_channel:%d] new_rra [zero_ci_channel:%d]-[zero_ci_channel_sec:%d]/[new_tx_power:%d] **Description:** No description available.
404087	AM [bssid:%s]: ARM Invalid HT Channel Trigger Current Channel old [ap_amc_channel:%d]-[ap_amc_sec_channel:%d] new [min_amc_channel:%d]-[min_sec_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404088	AM [bssid:%s]: ARM HT Radar Detected Trigger Current Channel old [ap_amc_channel:%d]-[ap_amc_sec_channel:%d] new [min_amc_channel:%d]-[min_sec_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404089	AM [bssid:%s]: ARM HT Error Threshold Trigger Current Channel old [ap_amc_channel:%d]-[ap_amc_sec_channel:%d] new [min_amc_channel:%d]-[min_sec_channel:%d]/[new_tx_power:%d] **Description:** No description available.
404090	**Description:** AM [bssid:%s]: ARM HT Channel Quality Threshold Trigger Current Channel [ap_channel:%d]-[ap_sec_channel:%d] new_rra [zero_ci_channel:%d]-[zero_ci_channel_sec:%d]/[new_tx_power:%d] **Description:** No description available.

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
404092	AM [bssid:%s]: ARM HT Channel Band Trigger new [channel:%d]-[sec_channel:%d]-[arm_ii_arm_ccii:%d]/[arm_nii_arm_nccii:%d] old [ap_amc_channel:%d]-[ap_amc_channel_sec:%d]-[arm_ccii_arm_ii:%d]/[arm_nccii_arm_nii:%d] new_rra [min_amc_channel_pri:%d]-[min_amc_channel_sec:%d]/[new_tx_power:%d] **Description:** No description available.
404093	AM [bssid:%s]: ARM HT Empty Channel Trigger new [empty_amc_channel:%d]-[empty_amc_channel_sec:%d]/[empty_amc_arm_ii:%d]/[empty_amc_arm_nii:%d] old [ap_amc_channel:%d]-[ap_amc_channel_sec:%d]/[ap_amc_arm_ii:%d]/[ap_amc_arm_nii:%d] new_rra [channel:%d]-[channel_sec:%d]/[new_tx_power:%d] **Description:** No description available.
404094	AM [bssid:%s]: ARM HT Empty Co Channel Trigger new [empty_amc_channel:%d]-[empty_amc_channel_sec:%d]/[empty_amc_arm_ii:%d]/[empty_amc_arm_nii:%d] old [ap_amc_channel:%d]-[ap_amc_channel_sec:%d]/[ap_amc_arm_ii:%d]/[ap_amc_arm_nii:%d] new_rra [channel:%d]-[channel_sec:%d]/[new_tx_power:%d] **Description:** No description available.
404095	AM [bssid:%s]: ARM - HT too much power decreasing... cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]-[sec_channel:%d]/[arm_max_tx_power:%d] **Description:** No description available.
404096	AM [bssid:%s]: ARM - HT too little power increasing... cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]-[sec_channel:%d]/[arm_min_tx_power:%d] **Description:** No description available.
404097	AM [bssid:%s]: ARM - HT increasing power cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]-[sec_channel:%d]/[current_tx_power_1:%d] **Description:** No description available.
404098	AM [bssid:%s]: ARM - HT decreasing power cov-index [arm_ci:%d]/[arm_nci:%d] tx-power [current_tx_power:%d] new_rra [current_channel:%d]-[sec_channel:%d]/[current_tx_power_2:%d] **Description:** No description available.
404099	AM [bssid:%s]: Tx Hang: Driver reset radio to 20 MHz mode [current_channel:%d]-[current_sec_channel:%d] **Description:** No description available.
404100	AM [bssid:%s]: Tx Hang cleared: Set radio back to 40 MHz mode [current_channel:%d]-[current_sec_channel:%d] **Description:** No description available.
404102	AM [bssid:%s]: ARM - Radar event cleared on channel [radar_channel:%d] **Description:** No description available.
404103	AM [bssid:%s]: ARM No alternate channel available after radar detection converting to APM mode Current Channel [ap_amc_channel:%d][current_sec_channel:%s] Current TxPower [tx_power:%d] **Description:** No description available.
404104	AM [bssid:%s]: ARM Radar event cleared. Converting APM back to AP on Channel [ap_amc_channel:%d][current_sec_channel:%s] Current TxPower [tx_power:%d] **Description:** No description available.

Table 25 *Wireless Warning Messages*

Message ID	Message and Description
404404	AM [bssid:%s]: AP to APM : Too much coverage on channel [channel:%d] coverage [arm_ci:%d] tx-power [current_tx_power:%d] **Description:** No description available.
404405	AM [bssid:%s]: Coverage hole: APM converting to AP on channel [channel:%d] coverage [amc_coverage:%d] [tx_power:%d] **Description:** No description available.
404406	AM [bssid:%s]:SM: Unexpected channel [channel:%d] change by AM for Spectrum Monitor radio **Description:** No description available.

Notice Messages

Table 26 *Wireless Notice Message*

Message ID	Message and Description
400102	AP [name:%s]: probe request: dropped entry in ip table for [ip:%P] **Description:** No description available.
400160	AP [name:%s]: Starting to configure AP at [ap:%p] **Description:** No description available.
400168	Added AP [bssid:%m]-[name:%s] **Description:** No description available.
400175	AP Radio Attributes Changed - BSSID [bssid:%m] Name [name:%s] IP [ip:%P] Channel [channel:%d] Tx Power [tx_power:%s] **Description:** No description available.
400185	[func:%s]:[bssid:%m] High Capacity Threshold Enabled **Description:** No description available.
400186	[func:%s]:[bssid:%m] High Capacity Threshold Disabled **Description:** No description available.
400187	[func:%s]:[bssid:%m] Call Handoff Reservation Enabled **Description:** No description available.
400188	[func:%s]:[bssid:%m] Call Handoff Reservation Disabled **Description:** No description available.
400189	Station EDCA parameters configured: AC=[ac:%s] params=[af:%d] [cmin:%d] [cmax:%d] [t:%d] [acm:%d] **Description:** No description available.
400190	AP EDCA parameters configured: AC=[ac:%s] params=[af:%d] [cmin:%d] [cmax:%d] [t:%d] [acm:%d] **Description:** No description available.
400192	STA [mac: %m] at AP [ip:%P]-[bssid:%m]-[name: %s] 5GHz capable. **Description:** No description available.

Table 26 *Wireless Notice Message*

Message ID	Message and Description
404083	"AM: Tag ([MAC:%s]) detected on channel [channel:%d], battery = [battery:%d], tx-power = [tx_pwr:%d] and notification is sent to [to:%s] **Description:** Tag chirp packet is detected and sent to rtls servers.
404400	AM:SM: Spectrum: new Wi-Fi device found = [addr:%s] SSID = [ssid:%s] BSSID [bssid_str:%s] DEVICE ID [did:%d] **Description:** This log indicates a new Wi-Fi device is detected by the spectrum radio.
404401	AM:SM: Spectrum: deleting Wi-Fi device = [addr:%s] SSID = [ssid:%s] BSSID [bssid_str:%s] DEVICE ID [did:%d]. **Description:** This log indicates a previously detected Wi-Fi device is being deleted due to inactivity.
404402	AM:SM: Spectrum: new non-Wi-Fi device found = DEVICE ID [did:%u] Type [dytpe:%s] Signal [sig:%u] Freq [freq:%u]KHz Bandwidth [bw:%u]KHz **Description:** This log indicates a new non-Wi-Fi device is detected by the spectrum radio.
404403	AM:SM: Spectrum: deleting non-Wi-Fi device = DEVICE ID [did:%d] Type [dtype:%s] **Description:** This log indicates a previously detected non-Wi-Fi device is being deleted due to inactivity.

Information Messages

Table 27 *Wireless Information Messages*

Message ID	Message and Description
400189	Station EDCA parameters configured: AC=[ac:%s] params=[af:%d] [cmin:%d] [cmax:%d] [t:%d] [acm:%d]. **Description:** No description available.
400193	VPOOL: STA [mac:%m] at AP [ip:%P]-[bssid:%m]-[name: %s] assigned vlan [vid:%d]. **Description:** This message indicates VLAN assigned to a new station

Debug Messages

Table 28 *Wireless Debug Messages*

Message ID	Message and Description
400100	AP [name:%s]: LED state [state:%x] **Description:** No description available.
400101	AP [name:%s]: Unidentified rate [val1:%x] [val2:%x] **Description:** No description available.
400110	AP [name:%s]: Delete AP state for bssid [bss:%m]; Deauth [deauth:%d] Clear [clear:%d] **Description:** No description available.

Table 28 *Wireless Debug Messages*

Message ID	Message and Description
400131	AP [name:%s]: SAPCP Received SAPCP Probe - [band:%s]- [bssis:%m] **Description:** No description available.
400132	AP [name:%s]: SAPCP Sending SAPCP Probe Response **Description:** No description available.
400133	"AP [name:%s]: SAPCP Probe from unknown bssid [bss:%m], dropping **Description:** No description available.
400134	AP [name:%s]: SAPCP: Unknown sap **Description:** No description available.
400161	"AP [name:%s]: Registering AP: IP [apip:%P] BSS [bss:%m] [phy:%s] band [T:%s] mode max clients [MC:%d] [CV:%d%] virtual APs **Description:** No description available.
400162	"AP [name:%s]: Registering AP, new virtual ap for ESSID [ess:%s], deny broadcast [db:%d] **Description:** No description available.
400166	[msg:%s] **Description:** No description available.
400191	BSSID [bssid:%m]: STA [sta:%m] AID [aid:%d]: Duplicate AID on STA [osta:%m] **Description:** No description available.
404014	AM: [msg:%s] **Description:** No description available.
404051	AM: ARM Channel [channel:%d] Current Noise Level [noise:%d] ARM Noise threshold [arm_noise_threshold:%d] ARM Noise wait time [arm_noise_wait_time:%d] **Description:** No description available.
404053	AM: ARM Channel [channel:%d] Current Channel Quality Level [ch_quality:%d] ARM Channel Quality threshold [arm_channel_quality_threshold:%d] ARM Channel Quality wait time [arm_channel_quality_wait_time:%d] T **Description:** No description available.
404054	AM: ARM Defer scan [channel:%d][sec_offset:%s] because of DFS non-occupancy. **Description:** Avoid scanning when in DFS non-occupancy duration

Error Messages

Table 29 *ARM Error Messages*

Message ID	Message and Description
702002	[msg:%s]. **Description:** This log indicates that we encountered an internal system error. **Recommended Action:** Contact your support provider
700102	[msg:%s] **Description:** No description is available.

Warning Messages

Table 30 *ARM Warning Messages*

Message ID	Message and Description
700100	[msg:%s] **Description:** No description is available.

Debug Messages

Table 31 *ARM Debug Messages*

Message ID	Message and Description
702001	[msg:%s] **Description:** No description is available.
700101	[msg:%s] **Description:** No description is available.