Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10

Specification Update

Revision History

Date	Modifications
October, 2006	Initial release.

Disclaimers

The Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 contain design defects or errors known as errata that may cause the product to deviate from the published specifications. Current characterized errata are documented in this Specification Update.

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Preface

This document is an update to the specifications outlined in the Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 EWS User Guide and CLI Guide. It is intended for hardware system manufacturers and software developers of applications, operating systems, or tools. It contains specification changes, specification clarifications, errata, and document changes.

Nomenclature

–   **Specification Changes** are modifications to the current published specifications for Intel® products. These changes will be incorporated in the next release of the specifications.

–   **Specification Clarifications** describe a specification in greater detail or further highlight a specification's impact to a complex design situation. These clarifications will be incorporated in the next release of the specifications.

–   **Documentation Changes** include typos, errors, or omissions from the currently published specifications. These changes will be incorporated in the next release of the specifications.

–   **Errata** are design defects or errors. Errata may cause the server board behavior to deviate from published specifications. Hardware and software designed to be used with any given processor stepping must assume that all errata documented for that processor stepping are present on all devices.

Product Scope

This information is specific to the Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 with the following:

SBCEGBESW1 and SBCEGBESW10 Firmware:

Firmware Type	Build ID	Released	Revision
Boot ROM	GBESW1_BT	09/05/2006	1.10
Main Application 1	GBESW1_MCU	08/31/2006	1.05
Main Application 2	GBESW1_CPU	08/31/2006	1.35

Note: The above information is available via the Firmware VPD link using the Management Module Web-based GUI.

SBCEGBESW1 Hardware:

- Part Number – D54540-001

SBCEGBESW10 Hardware:

- Part Number – D47485-001

Note: The above information is available via the Hardware VPD link using the Management Module Web-based GUI.

SBCEGBESW1 / SBCEGBESW10 Product Documentation

Document Title	Released Revisions
Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 EWS User Guide	D67147-001 D67147-002
Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 CLI Guide	D67145-001 D57145-002
Intel ® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10 CLI Reference Card	D66964-001

Note: The latest revision of all product documentation may be obtained from the Intel support site at http://www.intel.com/support/motherboards/server/blade.htm.

Summary Tables of Change

The following tables indicate the errata and document changes that apply to the Intel® Blade Server Ethernet Switch Modules SBCEGBESW1 and SBCEGBESW10. Intel intends to fix some of the errata in a future stepping of components, and to account for the other outstanding issues through documentation or specification changes as noted. The tables use the following notations:

Doc: Intel intends to update the appropriate documentation in a future revision.

Fix: Intel intends to fix this erratum in a future release of the component.

Fixed: This erratum has been previously fixed.

No Fix: There are no plans to fix this erratum.

Shaded: This erratum is either new or has been modified from the previous specification update.

Table 1. Errata Summary

No.	Plans	Description of Errata
1.	Fix	"Rate-limit" command mistakenly accepts second parameter
2.	Fix	No user confirmation in GUI before overwriting an existing backup configuration
3.	Fix	Download configuration file via HTTP in GUI does not function
4.	Fix	Impossible to copy configuration to backup configuration using TFTP (GUI)
5.	Fix	Error message appears when editing a new profile rule without first refreshing the web page
6.	Fix	TFTP download may not be completed successfully
7.	Fix	Copying a running configuration to backup creates additional backup file
8.	Fix	Optical Transceivers page should not be present
9.	Fix	GUI should provide additional feedback when resetting switch
10.	Fix	Process animation in GUI does not appear when copying a running configuration to a startup configuration file
11.	Fix	Wrong window is opened after login to device GUI
12.	Fix	Long variable in the PVID field
13.	Fix	Reserve VLAN for Internal Use configuration
14.	Fix	Unable to select "dynamic" as the Interface Status value in multicast group
15.	Fix	Port Configuration Copy does not function
16.	Fix	Editing "Committed Burst Size" field on the SBCEGBESW10 is not allowed
17.	Fix	Creating "Profile Rules" without an existing Access Profile
18.	Fix	New MAC Access-List with rule
19.	Fix	"Authentication Profiles" restore to default does not work
20.	Fix	Interfaces that learned ARP are not displayed
21.	Fix	Congestion control/back pressure losses at 100M with jumbo frames enabled
22.	Fix	VLAN removal notification missing
23.	Fix	Disabling Level 15 when not in CLI EXEC causes session to drop
24.	No Fix	Up arrow key in terminal session causes User Name field to change to Password field

25.	Fix	Telnet displays an incorrect error when configuration of the IP is not possible
26.	Fix	Corrupted file when uploading Backup-Configuration file to a computer
27.	Fix	Cannot define more than 350 lines in a single paste
28.	Fix	DHCP settings do not update CMM with DHCP results
29.	Fix	Ethernet Ports testing reports invalid Cable Short
30.	Fix	No notification of too many GUI HTTP login attempts
31.	Fix	Error Collector shows when trying to add a second MAC/IP ACL with the same name as a previous ACL
32.	Fix	Setting values in bandwidth settings creates invalid error
33.	Fix	When mouse cursor rolls over zoom ports, combo boxes may disappear
34.	Fix	Unclear Error message is presented when changing the IP Address prefix configuration with the Web GUI and "enable external management" is disabled
35.	Fix	Selection display for "File Download" changes
36.	Fix	The CLI command's enable password level parameter is hidden
37.	Fix	CLI commands return wrong error message
38.	Fix	Login timeout expiration doesn't automatically cause the Login screen to reappear
39.	Fix	IP address Prefix requires / prior to number
40.	Fix	Dynamic Addresses sort not functional
41.	Fix	GUI IP addressing gives an invalid error if invalid network mask is entered
42.	Fix	Redundant option to perform TDR diagnostics on internal ports
43.	Fix	Irrelevant error message in multicast group
44.	Fix	Configuring port security on internal ports allowed via CLI and SNMP
45.	Fix	Unable to configure ingress rate limit after changing QoS mode
46.	Fix	RMON "Broadcast Packets - Receive" incorrect counter values
47.	Fix	RMON event can be deleted while it is linked to an alarm
48.	Fix	CLI command show interface counter does not show undersized packets
49.	Fix	Connection to TACACS+ server is not closed

Table 2. Documentation Changes

No.	Plans	Description of Documentation Change
1.		
2.		
3.		
4.		
5.		
6.		
7.		

The rest of this document provides in-depth descriptions of each erratum / documentation change indicated in the previous tables. The errata and documentation change numbers correspond to the numbers in the following tables.

Errata

1. "Rate-limit" command mistakenly accepts second parameter

Problem   The CLI command "rate-limit" in Ethernet context accepts a second parameter, whereas it should accept only one (e.g., rate-limit 44444 0), the second parameter is also shown in running configuration ("rate-limit 44444 0 ").

Implication   The running configuration may include a configuration command that cannot be interpreted correctly (e.g., if copied to startup configuration).

Workaround   Do not use a second parameter in Ethernet context.

Status   Fix

2. No user confirmation in GUI before overwriting an existing backup configuration

Problem   When copying startup to a backup configuration (if a backup file exists), there is no user confirmation (Y/N) before overwriting the existing file.

Implication   No warning before overwriting an existing file can potentially cause a loss of the backup file.

Workaround   User should be made aware that copying will overwrite the existing file.

Status   Fix

3. Download configuration file via HTTP in GUI does not function

Problem   Downloading a configuration using the GUI does not function; an error message, "File is empty", is presented.

Implication   Downloading a configuration file using HTTP does not function.

Workaround   Use TFTP with a CLI command instead.

Status   Fix

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4. Impossible to copy configuration to a backup configuration using TFTP (GUI)

Problem   It is impossible to copy a configuration to a backup configuration using TFTP in the GUI.

Implication   Backing up a configuration is not possible from the GUI.

Workaround   Use the CLI command to backup a configuration.

Status   Fix

5. Error message appears when adding new profile without refreshing the web page

Problem   After Adding new access profiles through the web interface, when you browse to profile rules, all profile rules are shown for all access profiles. Clicking edit from this location without refreshing the profile name dropdown causes an invalid error message.

Implication   None.

Workaround   Refresh the profile name prior to editing, or use the CLI instead.

Status   Fix

6. TFTP download may not be completed successfully

Problem   Attempting to TFTP download a Software image or Boot using the web GUI may not complete successfully. With the CLI, the TFTP works fine.

Implication   Intermittently an update will fail when using TFTP via the Web GUI.

Workaround   Use the CLI command and TFTP, or use HTTP to update switch firmware.

Status   Fix

7. Copying a running configuration to backup creates an additional backup file

Problem　　　　　When copying a running configuration to a backup configuration using the GUI, an additional backup file is created.

Implication　　　Additional flash space is consumed.

Workaround　　None

Status　　　　　Fix

8. Optical Transceivers page should not be present

Problem　　　　　The GUI page located at 'Physical>Diagnostics>Optical Transceivers' is not relevant to this product and its XFP ports.

Implication　　　 No functional impact.

Workaround　　None

Status　　　　　Fix

9. GUI should provide additional feedback when resetting switch

Problem　　　　　When resetting the switch you are presented with a popup message box stating 'Switch is Resetting'. There should be some notification displayed on the page that the switch is restarting after the user clicks 'OK' in the dialog box.

Implication　　　Could cause some users not to realize that a reset is taking place.

Workaround　　None

Status　　　　　Fix

10.   Process animation in GUI does not appear when copying a running configuration to a startup configuration file

Problem   When copying from "Running-Configuration" to "Startup-Configuration", the process animation is not displayed.

Implication   There is no indication to the end user that a copy operation is in progress.

Workaround   None

Status   Fix

11.   Wrong window is opened after login to device GUI

Problem   After passing authentication (username and password) and logging into the device, the first screen says "Page Title"; after the page refreshes, the menu appears.

Implication   None

Workaround   None

Status   Fix

12.   Long variable in the PVID field

Problem   In the GUI page VLAN-> Interface settings -> Edit-> pvid, the variable displayed is 12 characters long (only 4 characters are required)

Implication   None

Workaround   None

Status   Fix

13.   Reserve VLAN for Internal Use configuration

Problem   In the GUI page VLAN->Interface settings->edit, setting "Reserve VLAN for Internal Use" to value 4094/5 results in an incorrect error massage.

Implication   The 4095 VLAN is used internally by the system and thus cannot be configured; as for VLAN ID 4094, once the caveat is fixed, it can be configured.

Workaround   None

Status   Fix

14.   Unable to select "dynamic" as the Interface Status value in the multicast group

Problem   On the GUI page Layer 2 -> Multicast -> Multicast Group -> Edit, in the "Edit Multicast Group" screen, it is not possible to select "Dynamic" for the "Interface Status" value.

Implication   "Dynamic" cannot be chosen for multicast group.

Workaround   Use CLI instead.

Status   Fix

15.   Port Configuration Copy does not function

Problem   The copy function of the Port Configuration page does not copy port configurations.

Implication   Inability to copy port configuration to shorten configuration time.

Workaround   Manually copy all settings.

Status   Fix

16.   Editing "Committed Burst Size" field on the SBCEGBESW10 is not allowed

Problem   In the Web GUI, the field "Committed Burst Size is grayed out, hence it does not allow editing.

Implication   Unable to configure policy policer for the classified traffic using the Committed Burst Size in the Web GUI.

Workaround   Use the CLI command to configure Committed Burst Size.

Status   Fix

17.   Creating "Profile Rules" without an existing "Access Profile

Problem   The Web GUI allows the creation of "Profile rules" when there is no "Access profile" defined on the device. It creates one called "undefined" and a rule is created for an "undefined" profile. The following Web page displays the unidentified profile: Management Security -> Access Method -> Access Profiles.

Implication   Since profiles are usually given a mnemonic name, an "undefined" profile should be considered meaningless.

Workaround   Create an empty profile first.

Status   Fix

18.   New MAC Access- List with rule

Problem   When attempting to create a new ACL (using the GUI) with its first rule (ACE), an error occurs.

Implication   Cannot create new ACL using the GUI.

Workaround   Use the CLI command instead to create a new ACL.

Status   Fix

19.   "Authentication Profiles" restore to default does not work

Problem   In the "Authentication Profiles" GUI page, when selecting the "Network Default" profiles and pressing the Delete button, a message box says "Cannot delete the default profiles, but instead will restore it to default". Pressing OK also does nothing.

Implication   Cannot delete the network default profile or restore it to default via the Web GUI.

Workaround   Use the CLI command instead.

Status   Fix

20.   Interfaces that learned ARP are not displayed

Problem   ARP requests do not show the interface that learned them.

Implication   Information on the interface that learned the ARP is not displayed.

Workaround   None

Status   Fix

21.   Congestion control/back pressure losses at 100M with jumbo frames enabled

Problem   When two ports are transmitting to one port with a rate of 150% , jumbo frames enabled, back pressure configured, at 100M frame sizes 256-1518 there are losses of approximately 2-3%.

Implication   2-3% losses experienced with jumbo frames enabled at 100Mb.

Workaround   Disable jumbo frames support if not required.

Status   Fix

22.   VLAN removal notification missing

Problem   Removing a non-existent VLAN ID gives no error message or confirmation. Modifying the default VLAN by either changing the ID or removing it completely does not generate an error message.

Implication   No functionality lost.

Workaround   Workaround is not needed.

Status   Fix

23.   Disabling Level 15 when not in CLI EXEC causes session to drop

Problem   Session functionality is lost when disabling privileged commands when not in EXEC mode. Inability to go to EXEC mode, enable privileged commands, and terminate the session (the client itself must be closed), and the ability to modify the hostname, RMON, and history that are privileged commands based on the current configuration mode.

Implication   Privileged commands are unavailable when not level 15.

Workaround   Restart session by closing the client.

Status   Fix

24.   Up arrow key in terminal session causes User Name field to change to Password field

Problem   When opening any kind of terminal to the device (CLI, Telnet, SSH), once the "User Name:" is displayed, pressing the <UP> key on the keyboard changes the "User Name" to "Password".

Implication   No functionality lost.

Workaround   None

Status   No Fix

25.   Telnet displays an incorrect error when configuration of the IP is not possible.

Problem   Occurs when doing the following:

- In the CMM/AMM web page, select I/O Module Tasks -> Configuration and under the module, select "Advanced".
- Then, select "Disable" in "External management over all ports".
- Connect the switch module with TELNET.
- Attempt to re-configure the IP (e.g., (config) # ip address 1.1.1.1 /27)

The following error message is displayed: "General Error". An error should appear since an IP address should not be configured when external management over all ports is disabled.

Implication   Not able to re-configure the IP address of the switch when external management over all ports is set to disable.

Workaround   IP address should be configured from the CMM.

Status   Fix

26.   Corrupted file when uploading Backup-Configuration file to a computer

Problem   The problem occurs when attempting to upload the backup file from the device to a computer running TFTP. Saved file contains 4 additional characters at the start of the file.

Implication   None. This does not impact the ability to download the file back to the switch. Switch is able to read and load the file correctly.

Workaround   None

Status   Fix

27.   Cannot define more than 350 lines in a single paste

Problem   Cannot define more than approximately 350 line orders in a single paste.

Implication   Pasting a file with more than 350 lines requires multiple pastes in increments of 349 lines or less.

Workaround   User needs to copy and paste no more then 350 lines each time.

Status   Fix

28.   DHCP settings do not update CMM with DHCP results

Problem   When working in DHCP mode, the new IP address and the setting of IP acquisition type is not set by the CMM.

Implication   CMM will not use the acquired DHCP-acquired IP and will set its pre-configured IP to the switch module. The switch should not be used to set DHCP for the IP address. Only the CMM should be used to set DHCP.

Workaround   Use the CMM to set DHCP for an IP address.

Status   Will not fix. Capability to set DHCP will be removed from the switch and will only be settable via the CMM.

29.   Ethernet Ports testing reports invalid Cable Short

Problem   The Ethernet Ports test located at GUI page Physical->Diagnostics->Ethernet Ports reports an invalid 'Cable Short' under certain circumstances. The test reports different results when connected to different devices. The following is a list of devices found that reported a 'Cable Short': Cisco 2980G, D-Link DSH5 hub, Intel Express 330T.

Implication   Unreliable port test results with the aforementioned list of devices. Manually test the cables with an external cable tester.

Workaround   None

Status   Fix

30.   No notification of too many GUI HTTP login attempts

Problem   The system is limited to 4 HTTP GUI sessions. When a fifth user attempts to login, there is no error message limiting the fifth user from logging in.

Implication   Minor implication since the fifth user will be blocked from logging into the GUI.

Workaround   None

Status   Fix

31.   Error Collector shows when trying to add a second MAC/IP ACL with the same name as a previous ACL

Problem   The GUI allows a user to add more than one IP-based ACL with the same name. This issue only occurs intermittently.

Implication   ACL with the same name may confuse administrators.

Workaround   Check names before naming an ACL.

Status   Fix

32.   Setting values in bandwidth settings creates invalid error

Problem   When modifying bandwidth settings, an invalid error is presented in the main frame of the GUI. Reattempting to apply the settings will move the error to the pop up box.

Implication   Setting bandwidth from GUI is not possible.

Workaround   Use the CLI command instead to set bandwidth settings.

Status   Fix

33.   When mouse cursor rolls over zoom ports, combo boxes may disappear

Problem   When rolling the mouse cursor over specific screens, combo boxes disappear. This phenomena happens in the following screens:

Statistics/RMON -> History -> History Table

Statistics/RMON -> Interface Statistics -> Interface

Statistics/RMON -> Interface Statistics -> Etherlike

QoS -> General -> CoS

QoS -> General -> CoS to Queue

QoS -> General -> DSCP to Queue

Layer 2 -> Address Table -> Dynamic Addresses

Layer 2 -> Spanning Tree -> Properties

Layer 2 -> Multiple STP -> Instance Settings

Layer 2 -> Multiple STP -> Interface Settings

Layer 2 -> VLAN -> Membership

Layer 2 -> VLAN -> GVRP Parameters

Layer 2 -> VLAN -> GVRP Statistics

Layer 2 -> VLAN -> Vlan Groups -> Mapping Groups to VLAN

Layer 2 -> Multicast -> IGMP Snooping

Layer 2 -> Multicast -> Multicast Forward All

Network Security -> 802.1x -> Properties

Network Security -> 802.1x -> EAP Statistics

Network Security -> Access Control List -> MAC Based ACL

Network Security -> Access Control List -> IP Based ACL

Management Security -> Access Methods -> Profile Rules

Management Security -> Authentication -> Authentication Mapping

Management Security -> Passwords -> Enable Password

Physical -> Diagnostics -> Port Mirroring

SNMP -> Security -> Views

SNMP -> Trap Management -> Notification Filter

System -> File Management -> File Download

System -> File Management -> File Upload

System -> File Management -> Copy Files

System -> File Management -> Active Image

System -> IP Addressing -> ARP

Implication	Combo box disappearance makes configuration impossible.
Workaround	Avoid rolling mouse cursor over selections. Use the CLI to configure where impossible to use GUI.
Status	Fix

34.   Unclear error message is presented when changing the IP Address prefix configuration with the Web GUI and "enable external management" is disabled

Problem   Problem occurs when external management is disabled via the CMM and when connecting to the device via the Web GUI, selecting GUI page System -> IP Addressing -> IP Interface then, selecting the "Prefix" radio button and changing the Prefix value to any other value (e.g., 32).

Implication   The cause of the error may be confusing.

Workaround   Use the CMM to configure IP address of the switch.

Status   Fix

35.   Selection display for "File Download" changes

Problem   This phenomena occurs in the following scenario: select "Download via TFTP", select "Configuration Download", fill the "Server IP Address" field, fill the "Source File Name" field, for the "Destination File Name" select "Backup-Configuration" and press SUBMIT. The page refreshes and the "Destination File Name" is changed to "Running-Configuration".

Implication   Inconvenient as user expectation is that the destination filename keeps the last value.

Workaround   Use the CLI command to download the required configuration.

Status   Fix

36.   The CLI command's enable password level parameter is hidden

Problem   In the CLI command enable password, the level parameter is not shown although it is supported.

Implication   Should be visible to user in command completion; no functional loss.

Workaround   None

Status   Fix

37.   CLI commands return wrong error message

Problem   The following CLI commands return a wrong message ("Unrecognized command") instead of the correct message (bad parameter value) when given an invalid value:

- <config-mst> instance

- <config> snmp-server group

- <config> crypto certificate

- <config> ip http exec-time outSession

Implication   No functional loss.

Workaround   None

Status   Fix

38.   Login timeout expiration doesn't automatically cause the Login screen to reappear

Problem   When the login timeout expires, the login screen is not automatically presented. Instead, an error message is presented with unclear information telling what should be done in order to go back to the login screen.

Implication   No functional loss.

Workaround   If the message is presented, refresh the browser and log in again.

Status   Fix

39.   IP address Prefix requires / prior to number

Problem   In the IP address setting Web GUI page, the "Prefix" field does not accept a number. Prefix field requires input of a / before the number (e.g., /24).

Implication   No functional loss.

Workaround   Include a back slash before the prefix digits.

Status   Fix

40.   Dynamic Addresses sort not functional

Problem   The addresses sort key function does not work when you select 'Interface' as the sort key. This problem can be observed when doing the following:

1. Enter the GUI.

2. Browse to Layer 2>Address Table>Dynamic Addresses.

3. Generate Network traffic to populate the Dynamic Addresses table with various interfaces.

4. Select 'Interface' from the Address Table Sort Key dropdown.

5. Notice the Addresses are not sorted by Interface.

6. Change the Sort Key between VLAN, Address, and Interface multiple times.

7. Notice the Dynamic Entries become invalid and all match entry #1.

8. Notice the error icon in the Browser window.

Implication   Cannot sort dynamic addresses by interface.

Workaround   None

Status   Fix

41.   GUI IP addressing gives an invalid error if invalid network mask is entered

Problem   If an invalid network mask is typed in the network mask box in the Web GUI, an error message ("bad IP") is presented and there is no way to recover from this error without closing the browser. This error occurs even if the bad network mask is not applied.

Implication   Once an invalid network mask is entered, the only way to recover is to close the browser.

Workaround   Close browser and re-log into the switch.

Status   Fix

42.   Redundant option to perform TDR diagnostics on internal ports

Problem	GUI TDR diagnostics page allows performing TDR tests on Internal ports via CLI and GUI.
Implication	No functional loss. This test is invalid for internal ports.
Workaround	None
Status	Fix

43.   Irrelevant error message in multicast group

Problem	Irrelevant error message is presented when trying to add a multicast group beyond the 256 group limitation.
Implication	The system supports only 256 multicast groups.
Workaround	Do not define more than 256 multicast groups.
Status	Fix

44.   Configuring port security on internal ports allowed via CLI and SNMP

Problem	The system allows CLI and SNMP to configure port security on Internal ports. Once port security is configured on internal ports, it is impossible to remove the port security configuration.
Implication	These ports are used to connect server blades and are not for external use, therefore risk is low.
Workaround	Use SNMP to configure/remove port security on bay ports.
Status	Fix

45.   Unable to configure ingress rate limit after changing QoS mode

Problem   After changing QoS mode from Basic to None and back to Basic, it is impossible to configure the Ingress Rate Limit.

Implication   It is impossible to configure rate limiting if QoS mode has been changed to None.

Workaround   None. User should not change mode to None.

Status   Fix

46.   RMON "Broadcast Packets - Receive" incorrect counter values

Problem   Once the "Broadcast Packets - Receive" counter on the GUI page Statistics/RMON ->Events ->Events control ->Edit ->Log &Trap reaches its maximum value, it presents negative values.

Implication   The counter does not correct packet number once the counter passes its maximum counting capability.

Workaround   None

Status   Fix

47.   RMON event can be deleted while it is linked to an alarm

Problem   It is possible to delete an RMON event while it is still linked to an alarm.

Implication   The specific alarm will never fire since it's event is deleted.

Workaround   Before deleting an RMON event, make sure it is not linked to an alarm.

Status   Fix

48.   CLI command show interface counter does not show undersized packets

Problem   Command does not show "Undersize Packets" option.

Implication   Runt packets are not included in this command display.

Workaround   None

Status   Fix

49.   Connection to TACACS+ server is not closed

Problem   When the device is not configured to hold a single connection to the TACACS server, the connection to that TACACS server should be closed and reopened with each LOGIN and LOGOUT. The connection between the TACACS server and the switch remains until the TCP timeouts.

Implication   Connection remains open until TCP timeout.

Workaround   None

Status   Fix

Documentation Changes

Documentation changes will be incorporated into a future version of the appropriate Intel product documentation.