

CME5010/CME5110 1.7.3 Release Notes

Approval Signatures			
Product Manager:	Date:	System Test:	Date:
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Applicability
<p>This is the release notes for CME5010 and CME5110 Version 1.7.3 (fw0000019B). This release includes:</p> <ol style="list-style-type: none"> customer upgrade file to Version 1.7.3 full factory image Version 1.7.3

Revision History			
Rev #	Description	Date	Prepared by
-	Version 1.7.1	August 1, 2007	Randy Montgomery
A	Version 1.7.2	April 5, 2008	Alan Roper
B	Version 1.7.3	November 11, 2008	Alan Roper

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Upgrade

- Version 1.7.3 is **strongly recommended** for all field-installed systems. This release includes a single upgrade file that must be downloaded to the unit from a TFTP server through the upgrade screens on the HTTP or CLI interfaces.
- Reference the CME5010_5110 Upgrade Instructions V173.pdf for details.

Features and Functional Enhancements

1. Added a user configurable section packing hold timer under the route/mpeip menu on the CLI.
2. Added the capability to dump all config settings from the web interface.

Maintenance Fixes

This release addresses the following issues:

1. Resolved issue causing the following debug msg to display on CLI during throughput test: *dma_worker: Active after resync (0x805bf3a0) ???*.
2. Resolved intermittent reboots during throughput testing.
3. Added Promiscuous stats to Route Statistics.
4. Increased throughput for smaller packet size range.
5. Added Promiscuous Route statistics to web aggregate statistics.
6. Resolved fscanf() not locking stdio file system.
7. VLAN inserted into route table and should have been appended at end.
8. Corrected Ethernet Phy setting issue where it was always reverting back to Auto.
9. Importing routes no longer disables the PROMISCUOUS route (if enabled).
10. Corrected issue when entering in a route via SNMP, it is possible to enter an invalid route, or a route with overlap.
11. Added Section Packing Hold Timer, which allows, if section packing is enabled, setting the amount of time (in 10ms increments) the section packing process will wait for the next packet.

Backward Compatibility

A CME5010 or CME5110 unit running V1.7.3 is verified compatible with units running pre-V1.7.2 firmware.

Known Issues

Issue: When setting the egress rate with a value of a decimal to the hundredth thousands place value, the unit doesn't set to the expected egress rate.

Workaround: None at this time.

Issue: SNMP dniAdminSNMPTrapReceiverIpAddr (OID 1.3.6.1.4.1.18723.2.2.12.0) has access stated as read/write, but unable to write to.

Workaround: Value can be modified from either terminal or web interfaces.

Issue: When unit is rebooted, only SNMP trap COLD_START is fired, not WARM_START.

Workaround: None at this time.