

Thank you for purchasing an IntraCore Managed Gigabit Ethernet switch. This Release Note applies only to:

- **IC36240**
Part number: 99-00815-XX
Sub-assembly: 61-20815-01

Version History

- 1.2.0.0 Jun 2004: Initial release for Firmware 1.2
- 1.2.0.5 Dec 2004: Enhanced version with bug fixes

Firmware Version

This version obsoletes v1.2.0.0. The new 1.2.0.5 image name is:

- `rt36240_1205.bix`

`md5sum` =1038123d19bb2f0015d7b2bfc37b23e8

Note: The md5 checksum is provided for file integrity purposes. It is strongly suggested that users who have downloaded this firmware from the Internet should run a checksum against the image code to verify it did not get corrupted during transfer/download. The md5sum utility can be found on Linux/Unix and OS X operating systems and a free utility can be obtained for Windows at <http://winmd5sum.solidblue.biz/>.

Installation and Configuration Notes

- The default IP of the switch is **192.168.0.1**
- The default username is **root**
- The default password is **Asante**

Bug Fixes and Enhancements

1. Corrected SNTP (Simple Network Time Protocol) access through SNMP, web interface, and CLI command line interface.
2. Corrected errors on accessing SNMP MIB objects:
 - `private mib->sysTimeMgt->sntpMgt->sysCurrentTime`
 - `qBridgeMIB->qBridgeMIBObjects->dot1qTp->dot1qFdbTable->dot1qFdbEntry->dot1qFdbDynamicCount`
 - `private mib->ipMgt->netDefaultGateway`
 - `private mib->lineMgt->consoleMgt->consoleAdminBaudRate,consoleOperBaudRate`
 - `private Mib->dnsMgt->dnsAliasTable`
3. Corrected ACL bug when TOS-based rules are configured.

4. Eliminated the reboot or system hang-up problems when downloading configuration file from TFTP server.
5. Eliminated the message "404 NOT FOUND" user received when setting the DSCP and IP Precedence priority through web interface.
6. Corrected web interface to allow user to modify syslog & SMTP-related parameters.

Known Problems and Limitations

1. Flow control only works on the same half of the 24 ports of switch.
Explanation:
Due to the chipset limitation, the flow control can only work when traffic is between 1st 12 ports or 2nd 12 ports. Traffic crossing the 12-port boundary might not be guaranteed for delivery when extremely high traffic or intensive broadcasts. Ports are grouped as follows: 1-12 and 13-24.
2. When combining LACP and dynamic VLANs, system might reboot.
Explanation:
When enabling LACP and dynamic VLANs on the same ports, the system might become unstable and may reboot after running several days.
3. A maximum of 32 characters of VLAN name can be displayed or read back.
Explanation:
The VLAN name can be set, as a MIB object, following rfc2863, with up to 64 characters. However, only 32 characters can be stored, which is still compliant with rfc2674.
4. Trunk (or LACP) port members need to operate under same port configuration.
Explanation:
Switch performance might be poor if the port members are running different speeds or under different VLANs.
5. ACL function might not work if rules are configured based on egress IP traffic.
Explanation:
Rule based on egress IP address filter only works when it is on the 1st line of each ACL.

Documentation

The CD-ROM includes this documentation in Adobe PDF format:

- Setup Guide
- User's Manual
- Command Line Reference

See the **\Documents** folder for more information.

Technical Support and Updates

For technical assistance or to download the latest documentation, visit www.asante.com/support