



ION x323x Release Notes
Date: December 20, 2010
Version: 1.0.5

Overview

This release note covers the requirements, important notes, new features and changes, addressed issues and known limitations for the ION x323x product.

Management of the ION S323x is available using a web browser or Command Line Interface (CLI) via the local USB port or telnet of the S323x or via SNMP.

Management of the ION C323x is available using a web browser or Command Line Interface (CLI) via the IONMM or via SNMP.

Requirements:

Firmware version 1.0.5 and these release notes apply to the following products:

- C3230-10xx
- C3231-1040
- S3230-10xx
- S3231-1040

New Features and Enhancements:

The following list is new features and enhancements for version 1.0.5 of the x323x.

- Improvements to web interface around RADIUS, MAC Display and Backup/Restore fields
- Added L2CP filtering to product
- Added Circuit ID Fields for circuit identification and description

Fixes:

- 802.1d Dot1dStatic Table is now supported
- SLPT works correctly with redundant models
- USB console access parameters are now backed up
- Pause settings are now backed up
- When AIS defect is reported “True AIS notifies received” and “Generated AIS frames” counters now show in Web and CLI.
- Corrected issue when deleting a MIP and adding it back again

Known Feature Limitations:

The following list is currently known issues for the ION x323x products.

General Items

- Provider Ethertype default is 0x8100
- Enabling / disabling redundancy affects web view
- Cards in chassis need to be managed via IONMM – cannot be managed directly via IP address when install in ION chassis
- Sub 50ms failover on x3231-1040 product is for fiber only Does not apply when using SGMII mode

Management Items

- Management is lost when DHCP is enabled no DHCP server is connected
- Management VLAN allows user to enter invalid option of 0

Service OAM (SOAM) Items

- User can not change the priority of LBM frames in SOAM. The value for LBM frames is fixed at 7
- Only provider Ethertype 0x88a8 is supported for SOAM
- SOAM configuration backup and restore are not supported
- In certain configurations C-Tagged CFMs not in the VTU are being forwarded instead of dropping.
- CLI must be used to create a 802.1ag MIP
- Only one MIP is allowed to be created per MEG level and per port
- Can't add a MEP on port 3 of x3231-1040 product (manual has additional details)

Related Documentation:

- ION x323x User Guide (33432)
- ION x222x & x32xx Installation Guide (33433)
- ION Command Line Interface Reference Guide (33461)

MIBs:

- ION_MIBs.zip file