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## ION x323x Release Notes

**Date: July 15, 2013**

**Version: 1.3.8**

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### 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 1.3.8 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 1.3.8 of the x323x.

- Adds additional VLAN support
  - VLAN transparency
- TN-ION-VLAN-MGMT-MIB is updated to support new VLAN modes

### Known Feature Limitations:

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

### General Items

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

### Service OAM (SOAM) Items

- Only provider Ethertype 0x88a8 is supported for SOAM
- 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)



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**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