



# Nortel Multiprotocol Router

## Release V15.6.1.1

### 1. Release summary

Release date: November 28, 2005

Purpose: Software Maintenance release to address software issues found by the customer.

### 2. Important notes before upgrading to this release

None

### 3. Platforms supported

Nortel Multiprotocol Router (formerly known as BayRS) release V15.6.1.1 supports the following hardware platforms:

- ASN
- ARN
- 2430
- 5430
- BLN
- BCN

### 4. Notes about the upgrade

For details about how to upgrade your Nortel Multiprotocol Router (formerly known as the BayRS), see the *BayRS Router and BCC Fixed Anomalies (Release Notes)* (part no. 316151-15.6 Rev 00). Release notes are available at [www.nortel.com](http://www.nortel.com). From that page, select Support for the BayRS Router product family, then select Backbone Concentrator Node, and then select Documentation.

### 5. Version of the previous release

Software Version 15.6.1

### 6. Compatibility

None

### 7. Changes in this release

#### New Features in This Release

None

## Old Features Removed From This Release

None

## Problems Resolved in This Release

Nortel Multiprotocol Router sustaining release Version 15.6.1.1 resolves the following issues:

Q00470542-01: When DSQMS is configured on an interface that has the Rate Limiting Option, but no DSQMS queues are configured, packets can be dropped.

Q00804604-04: Nortel Multiprotocol Router platforms may experience a random watchdog fault. A fault may occur on any individual slot when the slot's continuous operational time approaches 776 days (over 2 years).

Q00951021: 'show ppp multilink [...]' script commands show large octet or frame counts as negative numbers.

Q01066720: If redundant interfaces are configured for an Ethernet LAN circuit, the corresponding ifEntry instance attribute ifPhysAddress may not always show the correct MAC address that is in use by the active interface.

Q01141761-01: If an IP Source Address is specified in an IGMP Static Forwarding Entry, it is ignored, resulting in the inability to set an IP Policy based solely on the IP source address.

Q01155046-01: Every 48 days, the VRRP state of a Nortel Multiprotocol Router may begin to oscillate. The symptoms are either a multicast storm of VRRP packets being produced, or the failure to send VRRP advertisements at all, even while the VRRP interface is in master state.

Q01169762: In the Passport 5430 model of Nortel Multiprotocol Router, configuring ISDN SDBs in both slots 4 and 5 produces a fault. The fault occurs either during the dynamic configuration of the second ISDN or when you restart a configuration that is created externally. The problem is specific to this model, and for only these specific SDB slots.

Q01169770: In the Passport 5430 model of Nortel Multiprotocol Router, configuring two ISDN SDBs using the BCC fails with the message "No slot is available for this module". The failure occurs when you attempt to configure the second SDB, but can occur on any SDB slot.

Q01178811-01: When two or more X.25 Virtual Circuits have been configured that have the wfLapbPktPduSize of a Permanent Virtual Circuit larger than other configured X.25 Switched or Permanent Virtual Circuits, and a series of X.25 packets is received on the Permanent Virtual Circuit which reassemble to a large client packet, the result may be the following log message: "Error in X.25 buffer pool allocation".

Q01186866: In installations that use a redundant host to dynamically replace another host in an OSPF domain, a changeover where the alternate host uses the same router ID to attempt to establish an adjacency results in the Nortel Multiprotocol Router not correctly recognizing the OSPF Hello from the alternate host. The symptom is the Multiprotocol Router breaks the adjacency with the original host and sends the log message "UNKNOWN NBR", but is unable to reestablish a correct adjacency with the alternate host.

## 8. Outstanding issues

None

## 9. Known limitations

None

## 10. Documentation corrections

None

For other known issues, refer to the product release notes and technical documentation available from the Nortel Technical Support web site at [www.nortel.com](http://www.nortel.com).

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