



# Nortel Multi Protocol Router

## Software Release V15.4.2.20

### 1. Release Summary

Release Date: June 19, 2006

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

### 2. Important Notes Before Upgrading to This Release

None

### 3. Platforms Supported

Nortel Multi Protocol Router (formerly known as BayRS) software release V15.4.2.20 supports the following hardware platforms:

ASN  
ARN  
2430  
5430  
BLN  
BCN

### 4. Notes for Upgrade

For details on how to upgrade your Nortel Multi Protocol 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 <http://www.nortel.com/support>; select the **BayRS Router** product family, select **Backbone Concentrator Node**, select **Documentation**, and then click **Go**.

### 5. Version of Previous Release

Software Version 15.4.2.9

### 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 Networks Multi Protocol Router sustaining release Version 15.4.2.20 resolves the following issues:

Q00695486 -

The Nortel Multiprotocol Router experienced a fault while processing packets over a NAT interface. The code was erroneously handling an FTP packet with a NULL TCP payload.

Q00753280 –

When the Nortel Multi Protocol Router fails to load the BCC application due to a temporary lack of task space a small memory leak will occur.

Q00804604-

The Nortel Multiprotocol Router experienced a fault after 776 days of system uptime due to the erroneous handling of the uptime counter.

Q00806327 –

The operational status of an internal V.34 modem does may not be reported correctly on the Nortel Multiprotocol Router.

Q00957173 –

The loss of a PPP Multilink circuit on the Nortel Multiprotocol Router may not remove the OSPF Type 2 routes from the routing table.

Q00990452 –

The Nortel Multiprotocol Router may fault when an OSPF adjacency is lost during periods of severe network instability.

Q00988337 –

The Nortel Multiprotocol Router may continue to advertise LSA's that have exceeded their max age during periods of network instability.

Q01003663 –

A HSSI interface on the Nortel Multiprotocol Router may stop passing traffic if the Frame Relay network becomes extremely congested and the option to set the DE bit is enabled.

Q01015463 –

The Nortel Multiprotocol Router may not age a type7 LSA received from an NSSA when the RFC3101 option is enabled.

Q01033335 –

The Nortel Multi Protocol Router may incorrectly drop Unicast DHCP packets received on a Multinet interface due to the improper application of configured traffic filters.

Q01039184 –

If the Nortel Multi Protocol Router is configured with a default gateway pointing to the Virtual Router IP Address ICMP redirect messages sent by that router to the host have a source IP address equal to the Physical IP address instead of the Virtual Router IP.

Q01079987 –

The Nortel Multiprotocol Router experienced a fault in large DLSW environments in which frequent network outages occurred. The watchdog timer expired in LLC.

Q01085242 –

Same issue as reported in Q01079987

Q01096475 –

When a new SDLC device on a Nortel Multiprotocol Router was configured using Site Manger it may not achieve full connectivity with the host. This situation occurred because of a timing problem in setting all the required parameters.

Q01104080 –

The Nortel Multi Protocol Router may not add type 5 external routes to the routing table if the Border Router becomes unreachable immediately after the update is received.

Q01159385 –

The Nortel Multi Protocol Router may fault while collecting interface statistics and processing IP Multicast packets.

Q01170694 –

The Nortel Multi Protocol Router may fault when sending a request to a Radius Server that is unavailable.

Q01228807 -

NAT translation failed after a NAT interface on the Nortel Multiprotocol Router was disabled and re-enabled.

Q01282148 -

The Nortel Multiprotocol Router experienced a fault when it received illegally formatted or corrupted DLSW packets.

Q01296829 -

The Nortel Multiprotocol Router was required to support the new daylight savings time for North America in 2007.

Q01336384 -

The Nortel Multiprotocol Router supported external connections to Hayes-type dial modems. If the modem gets into a state in which it is unable to complete calls, manual intervention is required. A modem "health Check" has been added to the router to attempt to handle these situations automatically. This change was an improvement on the changes made for Q00973586.

## **8. Outstanding Issues**

None

## **9. Known Limitations**

None

## **10. Documentation Corrections**

None

For known issues, refer to the product release notes and technical documentation available from the Nortel Technical Support web site at: <http://www.nortel.com/support>.

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