BayRS Version 12.05 and Site Manager Software Version 6.05 Release Notes

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You can purchase selected documentation sets, CDs, and technical publications through the collateral catalog. The catalog is located on the World Wide Web at *support.baynetworks.com/catalog.html* and is divided into sections arranged alphabetically:

- The "CD ROMs" section lists available CDs.

- The "Guides/Books" section lists books on technical topics.

- The "Technical Manuals" section lists available printed documentation sets.

How to Get Help

If you purchased a service contract for your Nortel Networks product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel Networks service program, contact the Nortel Networks Technical Solutions Center at 800-2LANWAN (800-252-6926), Express Routing Code 153.

BayRS Version 12.05 and Site Manager Software Version 6.05 Release Notes

This document lists the anomalies (also referred to as bugs, change requests, or CRs) that have been fixed in Nortel Networks™ BayRS™ Version 12.05 and Site Manager Software Version 6.05.

Use the BayRS Version 12.00 and Site Manager Software Version 6.00 documentation with BayRS Version 12.05 and Site Manager Software Version 6.05.

Maintenance Release Methodology

BayRS Version 12.05 and Site Manager Software Version 6.05 are Maintenance Releases.

Maintenance Releases are designated by a change in the second number to the right of the decimal point. They provide a collection of software bug fixes for the current Major Release. No new software or hardware features or functionality for either software or hardware is introduced beyond that already contained in the current Major Release.

A Maintenance Release will occur approximately each 3 to 4 months after a Major Release occurs. A Maintenance Release replaces the current Major Release (or the prior Maintenance Release) and will become the current shipping version of BayRS. Each Maintenance Release will be a consolidation of the prior bug fixes made through Revision Releases, and will roll up all such software bug fixes provided by the recent Revision Releases.

Year 2000 Compliance

BayRS Version 12.05 and Site Manager Software Version 6.05 are Year 2000 Compliance Certified by Nortel Networks. They have successfully passed the Nortel Networks Test Procedure, which tests conformance to the Nortel Networks Year 2000 compliance definition, both of which can be found at the Nortel Networks Year 2000 Web Site at *http://www.baynetworks.com/year2000/*.

Image Builder Operational Note

If you are using Image Builder in Site Manager Software Version 6.10 to modify a BayRS Version 12.05 router image, you will receive an error. Please contact Nortel Networks Customer Support to obtain the patch for this problem.

BayRS Version 12.05 Fixed Anomalies

Nortel Networks has fixed the following anomalies in BayRS Version 12.05.

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============================================================

            SITE MANAGER COMPATIBILITY

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Router Version      is managed by      Site Manager version

v12.05 ------------------------------------> 6.05

v12.04 ------------------------------------> 6.04

v12.03 ------------------------------------> 6.03

v12.02 ------------------------------------> 6.02

v12.01 revision 1 -----------------------> 6.01 and 6.01 rev 1

v12.01 revision 2 -----------------------> 6.01 and 6.01 rev 1

v12.01 revision 3 -----------------------> 6.01 and 6.01 rev 3

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CR 55832/98693: MIB

Network management applications, such as Optivity Expanded View, do not display the 5380 Quad Sync and two compression net modules.

CR 29673: ATM

After you configure source route bridging (SRB) and SR spanning tree on an ATM PVC interface when they are not configured on the adjoining device, an MCP error occurs on the router.

CR 30692: APPN

Added a new log message to identify the APPN soloist slot.

CR 33883: DSU/CSU

Analog loop does not work on the ARN internal DSU/CSU. The circuit stays down and frames are not transmitted.

CR 34386: OSPF

OSPF is not generating a default summary route into a stub area to which it is directly attached.

CR 34737: QLLC

Hog buffs in QLLC may lead to a bus error when you attempt to connect to an SNA device that is down.

CR 35161: X.25

Bouncing X.25 may cause a bus error.

CR 71256: MCE1

When you move a logical line from one slot to another one in dynamic mode, the IP circuit fails on a multichannel E1.

CR 72142: OSI

Adjacencies are not reestablished after an OSI point-to-point circuit bounces.

CR 75883: MCE1

The multichannel E1 interface is not fully compliant with MIB 2 RFC 1213.

CR 80224: IGMP

The watch dog timer expires while sending data packets from a source to its matching group when MTM static forwarding is configured with the same group and address.

CR 80778: IPEX Gateway

When the PVC/TCP server application is closed, you cannot restart the session after the application is brought back up.

CR 88224: IP

Bus errors in IP upon boot are causing loss of connectivity.

CR 92237: ATM

Various MCP and VBM errors occur on an ATM interface during a failure recovery test.

CR 92960: BGP

Routes in the advertise list of an announce policy are not being withdrawn once the original route that advertised them no longer exists.

CR 94143: TFTP

Deleting TFTP via the Technician Interface causes a bus error to occur.

CR 94541: OSI

Enabling OSI on a router causes the router to log the message "Starting L2/L1 decision process" every few seconds.

CR 94618: IP

IP connectivity is lost when you configure Host-Only mode on a BLN FDDI Link Module.

CR 96270: PPP

Orphan buffers occur when you transmit SDLC I frames through DLS and PPP multilink processed in WCP.

CR 97093: IP

A bus error can occur on a router with multiple IP configured slots.

CR 97635: SDLC

In a configuration with multiple defined link stations on the secondary interface, when a one-link station definition stops sending RR's/Info, the router will not tear the connection down if the other link station definitions are sending data.

CR 97842: X.25

If the value of the X.25 parameter Outgoing Call Accept is set to OFF (the default is ON) and if at least two X.25 service records have been defined over the X.25 line, a bus error occurs as soon as the router needs to place an outgoing call.

CR 97842: X.25

If the value of the X.25 parameter Outgoing Call Accept is set to OFF (the default is ON) and if at least two X.25 service records have been defined over the X.25 line, a bus error occurs as soon as the router needs to place an outgoing call.

CR 99740: DVMRP

Two routers on the same LAN may forward the same multicast streams.

CR 99887: IP

The forwarding cache of an IP interface gets corrupted when it switches from a more specific route to a less specific route.

CR 99870: BGP

Forwarding 56k routes to another BGP speaker takes about 17 minutes.

CR 100208: Telnet

Arrow keys do not work when you Telnet to the router and then run Telnet client to another device.

CR 100610: IP

A router in ISP Mode with a default route enabled, and a default route for subnets enabled, fails to forward packets over the default route.

CR 100791: BGP

When a BCN router has an external peer supplying multi-exit discriminator (MED) to it and the router is configured to be a route reflector (RR) internal to another peer, and there is no policy to advertise MEDs to that internal peer, the router takes a long time to download all the routes to that peer.

CR 100914: X.25

When TCP is in a closed state, the MIB for IPEX Session Local TCP Port does not get reset and displays an incorrect value.

CR 102209: X.25

The slot on a BCN faults and resets during multiple connections and teardowns. During multiple X.25 connection calls and disconnects, the router may fault.

CR 102776: SWSERV

The dial backup line connection is not going down after the primary frame relay line recovers its connection on the router.

CR 102837: Spanning Tree

Toggling the spanning tree root interface may cause the blocking interface to forward STE frames.

CR 103355: X.25

Receipt of a disconnect request in TCP retry mode causes an IPEX Gateway bus error.

CR 103570: DLSw/SDLC

Bus errors occur when bouncing DLSw on SDLC to SDLC pu2.0 point-to-point setup.

CR 104168: ATM

The ATM interface does not recover after the port on the FORE switch is deleted and readded later in a configuration with multiple LECs configured to join multiple ELANs on the FORE switch.

CR 105221: Source route bridging

When you dynamically configure source route bridging, attempts to change the global attribute "Group LAN ID" to a value other than the default are not reflected in the specifically routed frame.

CR 105388: DVMRP

A new generation ID is not being sent when an interface comes up on a DVMRP slot.

CR 105418: DVMRP

The routing table can become unsynchronized when an unreachable update is followed by a reachable update from the next-hop router before the original unreachable state is propagated.

CR 105663: DVMRP

An outbound cache entry may not be installed under the following conditions: Interface A and interface B are on different slots and A is the inbound interface. A better route is learned from interface B and the cache entry for interface A is then lost.

CR 106010: DVMRP

If the router sends a prune/graft to the wrong neighbor, it may cause data loss and data duplication.

CR 106170: DVMRP

A neighbor router is incorrectly being placed in the loop neighbor list.

Site Manager Software Version 6.05 Fixed Anomalies

Nortel Networks has fixed the following anomalies in Site Manager Software Version 6.05.

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Site Manager Software Version 6.05 is a post-6.00 revision. This version is backward compatible and supports the following router software versions:

12.05

12.04

12.03

12.02

12.01

12.00

11.02

11.01

11.00

10.01

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CR 35415: X.25

Changes to the IP adjacent host mask are not properly updated on a subnet.

CR 93788: PPP

When configuring HSSI, you are able to set the Bandwidth Allocation percentages to totals other than 100%.

CR 94229: Source route bridging

Using Site Manager to add a frame relay circuit, when source route bridging is enabled, also defines a new Point-to-Point interface for the circuit.

CR 101675: SNMP

Using Report Generator from Site Manger on a router configured with BOT generates garbled text in the Line Mapping Entry table.

CR 102056: SNMP

On a router running Site Manager for Windows, if you connect to the router with a read-write community string and try to edit the configuration file dynamically, a dialog box warns you that the SNMP Community is read only and you cannot edit the file.

CR 102868: ATM

When you delete an ATM PVC service record, Site Manager performs two MIB sets which causes a variety of router faults.

CR 103019: Frame relay

In the Frame Relay PVC List for Service window, Site Manager sets the Circuit State Set to Active when it should be Inactive.

CR 103197: SRB

After you add source route bridging (SRB) to an ATM PVC, there is no window title for the SRB Global attributes. If you go back to the Configuration Manager window and select Protocols -> Source Routing -> Global, the window that pops up has the title Edit Source Routing Global Parameters.

CR 104243: PPP

The following warning message appears in Site Manager when you attempt to configure the High Queue Percent Bandwidth field to a cumulative total that exceeds 100% while using the Values radio button: "Warning: The cumulative value of attributes High Queue Percent Bandwidth, Normal Queue Percent Bandwidth, and Low Queue Percent Bandwidth, must be exactly 100%." However, the same message incorrectly appears when you then make corrections to enter acceptable values totaling 100%.