Addendum to the Release Notes for the Accelar 1000 Series Products

Software Release 1.1.4

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Introduction

This release note addendum for Accelar software release 1.1.4 describes the bug fixes to the Bay Networks® Accelar™ Software that have been implemented since release 1.1.1 and the known problems that exist in release 1.1.4. This document is an addendum to the *Release Notes for the Accelar 1000 Series Products Software Release 1.1.1* (Bay Networks part number 896-00181-C) and includes references to those fixes incorporated into interim releases 1.1.2 through 1.1.4.

Software release 1.1.4 includes updates to the run-time software only. Refer to the Release Notes (part number 896-00181-C) for instructions on how to download the software and descriptions of software features and limitations.

Note: Release 1.1.4 is for Accelar 1100/1150 and Accelar 1200/1250 Routing Switches only. This release is not for Accelar 1050/1051 switches.

Bugs Fixed in This Release

This section lists the bugs from release 1.1.1 that have been fixed in later releases. For clarification, they are listed by the specific interim release in which the fix occurred.

Release 1.1.2

The following bugs were fixed in release 1.1.2:

- The Accelar switch did not forward DHCP negative acknowledgments (NAKs).
- The RcvBadRoutes counter did not increment when a bad metric was received for RIP.
- Multicast MAC addresses were not accepted in ARP response packets.
- Too many ARP requests were sent out in response to the deletion of a MAC address.
- Data corruption occurred on back-to-back frames sent out by the CPU.

Release 1.1.4

The following bugs were fixed in release 1.1.4:

- An expired timeout value for a configuration BPDU was ignored and the BPDU was not dropped, which resulted in the root bridge oscillating between two bridges.
- When a RIP-learned route timed out and there was a less specific static route configured, the timed-out route was not deleted.

Known Problems in Release 1.1.4

The following are known problems in the 1.1.4 release:

- Management “blackouts” occur as a result of synchronous cleanup of MAC address records in the ARU.
- In some configurations, there are no responses to ARP requests.
- In Gigabit Ethernet ports, the LinkSafe™ redundant port does not take over when the receive connection is lost and the transmit connection is operating correctly.
- A less specific static route removes a more specific learned route. Also a learned route cannot be added if a less specific static route is configured.
- An IP subnet broadcast or a ping of a local IP address from the console causes the Accelar switch to run out of frame buffers.
- The Accelar switch stops processing IP packets when it receives a packet destined for itself.
- RIP updates with a next hop address field of the Accelar VLAN address lose the VLAN IP address.
- When the switch fabric is busy, CPU-generated traffic (for example, BPDUs) may egress the switch with FCS errors. This problem may also appear as a management slowdown.