The following tables list the software issues that are fixed in this release. The **P** column indicates the priority of the software fix, as follows:

- 0 = Critical

- 1 = Major

- 2 = Medium

- 3 = Minor

The tables are sorted first by Category, then by Priority (P), then by Bug ID.

Software Fixes in NetIron Patch Release 09.4.00b

Category	P	Description	Bug ID #
VRRP	1	Module: N/A Symptom: In a Router configured with VRRP/VRRP-E, configuring the priority for a backup VRID but not configuring the mode can cause a system reset. Resolution: Fixed in this release	31540
VRRP	2	Module: N/A Symptom: In a Router configured with VRRP-E, using the same VRID on multiple interfaces can cause corruption of the internal VRRP-E data structure, which can cause failure when configuring additional VRIDs. Resolution: Fixed in this release	47830
Hotswap	1	Module: N/A Symptom: In a Switch or Router, hot swapping a module can sometimes cause system reset. Resolution: Fixed in this release	57475
IP Stack	1	Module: N/A Symptom: In a Switch or Router, forwarding of broadcast packets can occasionally cause system reset. Resolution: Fixed in this release	58732
MRP	1	Module: N/A Symptom: The output of the **show metro** command indicates the wrong interface type for ring interfaces. For example, the descriptor for a regular port is "Tunnel" and the descriptor for a tunnel port is	75863

Category	P	Description	Bug ID #
		"Regular". Resolution: Fixed in this release	
BGP	1	Module: N/A Symptom: In a Router configured with IBGP and static routes, the static route is installed in the IP Route table incorrectly, preferring the static route over the IBGP route even though the static route has a lower admin cost. Resolution: Fixed in this release	76964
System	2	Module: N/A Symptom: In a Router, accessing a corrupted internal port data structure can cause a system reset. Resolution: Fixed in this release	77987
System	2	Module: N/A Symptom: In a Switch or Router, sometimes a corrupted port number when used to access internal data structure can cause a system reset. Resolution: Fixed in this release	37424
System	2	Module: N/A Symptom: The activity LED does not correctly show the traffic status in a Switch or Router with 10Gig Xenpak module using ER optics. Resolution: Fixed in this release	82608

Software Fixes in NetIron Patch Release 09.4.00a

Category	P	Description	Bug ID #
L2 Trace	1	Module: N/A Symptom: In a Router configured with route-only on a virtual routing interface, any L2 Trace packet received is incorrectly forwarded to the VLAN associated with the virtual routing interface. Resolution: Fixed in this release.	75897
System	1	Module: N/A Symptom: In a Switch or Router, the port data structure is sometimes corrupted. This can cause a system reset. Resolution: Fixed in this release.	37620
System	1	Module: J-BxGRM4 Symptom: In a Switch or Router, sometimes the following error message is seen on the console * * * * **INCORRECT index [0000a468] for get_global_mask** * * * * Resolution: Fixed in this release.	47846

Category	P	Description	Bug ID #
System	1	Module: N/A Symptom: In a Switch or Router, reloading the management module can occasionally cause a system reset. Resolution: Fixed in this release.	51387
System	1	Module: N/A Symptom: In a Switch or Router, occasionally there is a memory leak when running SNMP. Resolution: Fixed in this release. The memory can now be tracked. This can be enabled by turning it on, and displaying the memory resource using following commands: **dm mem-leak show size dm mem-leak [on	off]**	59885
System	1	Module: N/A Symptom: In a Router, the age in an ARP entry is incorrectly refreshed when used in sending traffic to a destination address. Resolution: Fixed in this release.	73223
VRRP	1	Module: N/A Symptom: In a Router configured with VRRP and VRID assigned with multiple Virtual IP addresses, if the owner VRRP router transitions from Master to Backup, the interface routes associated with secondary Virtual IP address are present in the Routing table after the transition. Resolution: Fixed in this release.	71983