# Router/BCC Fixed Anomalies for BayRS 15.3.0.0

**Q00103090-02: Frame Relay**
IP Circuit remains up after a sync interface configured with Frame Relay is disabled.

**Q00153152-01: Web Server**
Memory leak occurs when HTTP connections fail. This may result in an out of memory fault on the router if this happens continuously.

**Q00154341-02: ATM**
Copying an ATM PVC using Site Manager gives an erroneous error message in the log message. However, the ATM PVC is configured correctly and does come up.

**Q00156640-01: ATM_PQ**
Multiple attempts are required to delete ATM priority queuing.

**Q00174118-01: NAT/ECMP**
In a NAT with RIP2 ECMP configuration, changing between Multiple Next Hop Calculation Methods may result in a fault on the router.

**Q00135161-01: Scripts**
Using install.bat to configure Frame Relay on an T1/FT1 interface will prevent Site Manager from being able to open the configuration file. However, the router will still be able to boot using the configuration file.

**Q00152764-01: IP Traffic Filters**
Enabling Extended Traffic Filter support with inbound traffic filters with user defined IP criteria configured will cause the router to fault.

**Q00173189: Radius**
Memory corruption may occur when a remote Radius slot goes down.

**Q00051621-03: Diffserv**
Diffserv is not working for the filters that use a criteria of URL.

**Q00059191-03: TI**
Unable to save the configuration after many dynamic changes on very large configuration file.

**Q00103537-02: Scripts**
inst_pp5430.bat does not support the T3/E3 ATM PMC module.

**Q00168709-01: Radius Accounting**
Different session IDs are used for the Radius accounting stop and start messages for TI sessions making it difficult to correlate the start/stop pairs for each session.

**Q00174392-02: OSPF**
Incorrect mask is being installed for the default router during network convergence. In redundant topologies if there is more than one exit out of the autonomous system via a default route then there could be a connectivity issue when the network converges due to the fact that one of the exit points is now unavailable.

**Q00175589-01: Radius**
The audit feature does not work for users authenticated via Radius.

**Q00175750-01: ATM**
A fault occurs when deleting an ATM service record with 75 or more PVCs.

**Q00137521-02: IP Traffic Filters**
Configuring IP user defined traffic filters where the user data offset is greater than the size of the smallest IP packet that the interface receives (such as an OSPF hello or RIP update) will cause a fault on an ARE module.

**Q00157429-02: ARP**
Dynamically enabling host cache aging on a VRRP interface may cause that slot to no longer send ARP requests after the aging timer fires resulting in connectivity issues to hosts off remote slots.

**Q00169296-01: Radius**
There is no message to notify user that radius server is unavailable when using FTP.

**Q00169925-01: BCC_ATM**
Changing the framing mode on an ATM T3/E3 interface in BCC has no effect.

**Q00176426-01: Diffserv**
Diffserv interface may remain in a Not Present state when the router is booted or when the interface is disabled and re-enabled.

**Q00177466-01: Scripts**
Hardware.bat does not show information for all PCI slots on a PP5430 router.

**Q00205903-01: Bi_NAT**
Bouncing NAT globally in a configuration with Bi-directional NAT will cause the router to fault.

**Q00138952-01: TFTP**
Attempting to TFTP a file from a BayRS Router to a UNIX-based file system may result in a router fault if the destination file or directory specified in the TFTP command is invalid or administratively denied by the UNIX-based TFTP daemon.

**Q00173585-01: NAT**
A NAT warning message is logged even though there is no problem with NAT.

**Q00206028-01: BCC_ATM**
Cannot configure PCR or SCR above 4528 cell/sec for T3/E3 ATM PMC modules.

**Q00209180-01: PP2430**
Unable to set or change the Manager or User password on a Passport 2430 router with a Rev 4 motherboard.

**Q00206380-01: ARN**
The 'show hardware slot' command will result in error messages.

**Q00209477-01: Dial Backup**
The ifEntry.ifOperStatus and ifSpeed attributes are incorrect if a backup circuit is configured for the interface.

**Q00155044-01: IP**
A static black hole route is not removed when it is deleted using BCC.

**Q00155634-01: IP**
The IP forwarding cache entry may not be updated correctly when a route switches to one next hop (route A) and then back to the original next hop (route B). This may happen when route B is more specific than route A and the range of the forwarding cache entry where the entry can be installed is smaller than both route A and route B and traffic is flowing such that the forwarding entry will be created and installed after the route switches from route A to route B. This may cause connectivity issues as packets will be forwarded incorrectly

**Q00177452-01: PING_MIB**
The wfPingRoundTripTime attribute gives inconsistent values on an AN router regardless of actual ping latency.

**Q00206041-01: ATM**
ATM Service Record remains in IDLE state when bouncing the service record under load.

**Q00206457-01: ATM**
LLC/SNAP ATM PVC does not answer ATMARP Inarp requests nor generates them after the PVC is bounced.

**Q00207284-01: Radius**
A user lockout condition can occur with manager-lock and Automatic Reset enabled if the Radius is unreachable.

**Q00218526-01: OSPF**
The OSPF process may fault on the router in an unstable network when OSPF is continuously bouncing on several different interfaces on different routers.

**Q00045175-03: Readexe**
Using the readexe command on the pp5430diag.a or pp2430diag.a file will fault the router.

**Q00168308: IP**
The "ip bgp_routes -N' command does not display all the routes to be announced.

**Q00228176-01: SNMP**
On an ARN with 10/100 ethernet interface configured, sending an SNMP Get Next request for MIB2 OspfNbrState or any other MIB2 attribute that BayRS does not support causes the router to fault.

**Q00229377: BGP**
Disabling a remote BGP Announce Policy will cause a watchdog fault on the PP5430 router.

**Q00247420-01: SNMP**
The router will fault when an SNMP request packet is received that contains a community string that is greater than 256 characters in length.

**Q00228099: PP5430 ATM T1**
Bouncing an PP5430 ATM T1 interface under load may result in a fault on the router.

**Q00245641-01: TI**
The TI_INIT process does not release memory on FRE4 and ARE modules when the Serial Port ModemEnable attribute is enabled.  If many login requests are made, this could eventually cause an out of memory fault on the router.

**Q00156420-01: Radius Accounting**
Different session IDs are used for the Radius accounting stop and start messages for LNS sessions making it difficult to correlate the start/stop pairs for each session.

**Q00217703-01: TI**
The atmarp command may hang when a large number of PVCs are configured.

**Q00248132-01: SNMP**
The router will fault when an SNMP request packet is received that contains  a variable length field value that is greater than the actual size of the data.

**Q00233303: BCC_Circuitless IP**
A circuitless IP 32 bit mask interface cannot be added after deleting it using BCC.

**Q00250617: ATM**
ATM service record remains in IDLE state if the service record is bounced while under heavy load.

**Q00229640-01: ATM_PQ**
ATM PVCs configured with priority queuing fail to recover after a remote side disconnect.

**Q00246791:  PP2430**
Using the prom –v or prom –w command on the pp2430boot.ppc file on the PP2430 router will cause the router to fault.  The boot prom is not supported on the PP2430 router.

**Q00254601-01: IP_Multicast**
The router may send multicast packets out of sequence when unicast traffic is received simultaneously.

**Q00206828-01: Ping MIB**
The Ping MIB wfPingTypeOfService attribute was changed to obsolete in BayRS 15.1.0.0 causing third party applications that set this MIB to fail.  The MIB is now read-write again, but the only valid value is 1.

**Q00251246: PPP**
The IPCP type 1 address negotiation fails subsequent to a type 3 address negotiation failure.

**Q00253951-01: IP**
IP doesn't send an ICMP redirect packet when it is on the same interface that the original packet came in on.

**Q00152897-02: ATMLANE**
In an ATMLANE bridging environment, after the ATM slot resets, the router does not respond to the LE_ARP from the switch causing the switch to not use the data direct VC that has been created.

**Q00218436:   BCC_Circuitless IP**
In a configuration with a circuitless IP interface, the wfLineMappingCct attribute is set to 1 for all subsequent circuits created using BCC.  This attribute should be incrementing so that each circuit has a unique ID.

**Q00063509-01: DSQMS**
Using BCC to configure a DSQMS queue may cause the queue to remain in an invalid state.

**Q00259789-04: SNMP**
Running the SNMP Certs test suite will cause an out of memory fault on the PP2430 and PP5430 routers.  This fault will also occur on the ARE module on the BN router.

**Q00305463: IP_Traffic_Filters**
In a configuration with multiple IP user defined traffic filters and Extended Traffic Filters enabled, configuring a new IP user defined traffic filter causes the IP user defined traffic filter previous to it in the filter list to go into an invalid state.

**Q00218468-01: OSPF**
A BayRS router may retransmit an LSA type 3 forever if the LSA entry is aged out of the router's own LSDB just after it has transmitted the LSA to it's neighbor.

**Q00302720-02: SNMP**
When an SNMP request that has 1270 bytes or more of data is received on an ARN or AN router that has the buffer size set to 1824 (default for non token ring ARN and AN routers), the router will fault or hang.

**Q00305450:  IP_Traffic_Filters**
IP traffic filters with precedence greater than 31 are deleted when Extended Traffic Filter support is disabled then enabled.

**Q00317176:  SNMP**
When an SNMP request packet that contains an SNMP community length field that is greater than the size of the packet is received on an ATM interface on a BN router,  the router will fault.

**Q00283457-02:  PPP Multilink**
In a PPP Multilink configuration in which circuits within the bundle are on different slots, the IP circuit will fail to come up when the router is booted from a slot other than the one configured in the wfPppCircuitLampreyCompDisable attribute as long as that slot has a circuit in within the bundle.

**Q00321824:  VRRP**
It is not possible to ping the VRRP address if two virtual routers are configured on the same interface.

**Q00286620:  Radius**
When the router receives incorrectly formatted Radius Authentication packets (i.e. the packet size is less than the minimum or greater than the maximum size, or contains an incorrectly formatted vendor specific attribute) the router will fault.

**Q00413482-01:  SNMP**
When an SNMP get request packet is received with an incorrect checksum and also has both the More bit and Do Not Fragment bit set, the router may fault.

**Q00065079-02:  Circuitless IP**
When configuring a BGP peer using the circuitless IP address in BCC, an extra circuit is created. A side effect of the original fix for this CR is that after creating a circuitless IP interface in BCC, opening the configuration in dynamic mode in Site Manager would alter the configuration causing some protocols to no longer be configured correctly on the circuitless IP interface.

**Q00391307:  Radius**
When Radius is enabled, if an invalid login attempt is made, the router logs a message that an invalid radius access response packet was received and disables the Radius server rather than sending an access reject packet.

**Q00412172:  VRRP**
When a VRRP interface changes state, gratuitous ARPs are transmitted with the physical MAC address instead of the virtual MAC address.

**Q00421606:  VRRP**
If two virtual routers are configured on the same non-token ring interface, the second virtual router remains in the INIT state.

## Site Manager Fixed Anomalies for 15.3.0.0

**Q00083352-01: IP**
Need the ability to configure the directed broadcast parameter via Site Manager.

**Q00102899-02: Frame Relay**
After moving a frame relay PVC from one service record to another, the control PVC changes to a static PVC and becomes invalid.

**Q00175577-01: Static NAT**
The static NAT Enable parameter can not be changed and trying to do so can cause the screen to hang.

**Q00087124-02: NAT**
There is no choice of public domain when configuring a NAT domain name.

**Q00156804-01: ATM_PQ**
Cannot configure ATM priority queuing on an interface after deleting it using TI.

**Q00208761-01: Statistics Manager**
Creating a frame relay query in statistics manager using the wfCircuitShapeHiClippedPkts, wfCircuitShapeMediumClippedPkts or wfCircuitShapeLoClippedPkts parameters will result in an invalid object error if circuit mode is chosen instead of table mode.  The problem is that the wrong mode was chosen, not that the parameter is invalid.

**Q00028409-02: ATM**
Site Manager gives no error message when configuring an ATM service record with a vpi/vci pair that already exists.  The new service record will not be created.

**Q00075416-01: Report Generator**
Report Generator gives an invalid entry error when run on a 5782 configuration that was saved on the router.  If the configuration file is created and saved locally, there is no error generated.

**Q00175384-01: Protocol Priority**
A wfCctoptsEntry.1.* MIB object is created each time the protocol priority interface screen is accessed.

**Q00137457-01: BGP**
When modifying the Address Resolution Type parameter for a BGP peer an invalid data error message appears.

**Q00075522-01: Trap Monitor**
Trap monitor on the HP-UX platform displays additional blank lines and scroll bars.

**Q00228305: Configuration Manager**
Configuration manager cannot access a 15.0.0.0 or greater configuration file that was created on the router and copied to a local area.

**Q00169249-01: DLSw**
DLSw PPRI  peer-specific traffic filter cannot be enabled or disabled through Site Manager.

**Q00248645-01:  IGMP**
Site Manager does not allow configuration of IGMP Static Group starting with 224.x.x.x.  Only 224.0.0.x addresses should not be allowed.

**Q00157177-01: TFTP**
TFTP from Site Manager does not transfer a file greater than 12 MB.

**Q00249835-01:  FT1**
An FT1 interface that is configured on a PP5430 router is mislabeled as an MCE-1 interface in Site Manager.

**Q00279356, Q00285115, Q00286783, Q00286772, Q00301785: SNMP**
Sending incorrectly formatted SNMP request packets will cause the Trap Monitor to exit unexpectedly.

**Q00318621-01: Frame Relay**
Site Manager cannot access a configuration file that has the wfIfRegistrationMode attribute for dial backup circuits set to any value other than the default.

**Q00321950-01: Report Generator**

Report generator will not work on a 15.0.0.0 or greater configuration file that was saved on the router and copied to a local area.

**Q00284138-01: Multilink PPP**

When a new circuit is added to an already existing multilink bundle, BOFLs will only be sent across the new circuit.