

Fixed Anomalies for BayRS and BCC 15.4.2.0

Q00028745-02: OSPF

If the BayRS router receives a router link advertisement that contains a stub network link with a link data portion that is not equal to 255.255.255.255, the router will fault. Note that this link data value is invalid according to RFC 2328, section 12.4.1.4.

Q00122356-03: IPSec

If an IPSEC Outbound policy exists with IPSEC - PROTECT as one of the actions, and then IPSEC - PROTECT is deleted from the policy, when a subsequent outbound ping occurs, the router will fault.

Q00173585-02: NAT

If NAT N to 1 is configured on the router, a NAT warning message is logged even though there is no problem with NAT.

Q00177447-02: ATM

An IP circuit remains up even when the underlying ATM PVC is brought down by OAM.

Q00229356-01: Scripts

A buffer leak occurs when using the BCC BGP scripts.

Q00230622-01: PP5430_Quad_Serial

The PP5430 router may lockup when a continuous stream of traffic is going through the Quad serial module.

Q00284475-03: Diffserv

Disabling a Diffserv URL filter that is actively getting filter hits will result in a fault on the router.

Q00426716-01: PP5430_Quad_Serial

Internal clocking is not working on the Quad serial module on the PP5430 router.

Q00456680-01: PPP Multilink

When a B channel receives a DISC IND, ISDN on the BayRS router sends another SETUP over the same B channel before receiving a CLEAR CONFIRM. This is in violation of the Q.931 recommendation, which says ISDN should wait for a CLEAR CONFIRM from the remote side or wait T308 seconds before sending another SETUP or remove the connection info completely.

Q00462715-01: FE1

The ds1e1 scripts do not work for the FT1 and FE1 modules on the PP2430 router. This is due to the fact that these modules do not use the wfLogicalLineEntry MIB. A new script file, fe1t1.bat, has been created for these modules.

Q00470636-01: ATMLANE

In an ATMLANE network where thousands of end stations are frequently relocating, the BayRS router may not send an LARP after an end station moves.

Q00492707-03: DLS

If DLSw tries to initialize before LLC has come up, DLSw may fault.

Q00513257-01: AHB

The 'show ahb routes' command does not display all AHB routes.

Q00516763-01: AHB

When the last AHB host for a network is deleted, the route for that network does not get removed from the IP routing table.

Q00525989-01: AHB

If a secure AHB address is learned on one slot after an unsecure AHB address is learned on another slot, issuing the 'show ahb hosts' command will result in a fault on the router.

Q00541047-01: VLAN

The tag1q.bat script errors if the VLAN circuit name does not contain an uppercase V followed by one to three characters.

Q00541411-01: BCC_File_System

If BCC is writing to the flash through a telnet or ftp session the flash card will become corrupted if the session is broken.

Q00553622-01: AHB

ATM Half Bridge does not recover when IP is bounced globally.

Q00560593-02: PPP multilink

In a configuration in which PPP multilink is configured with fragmentation enabled the router may fault during fragment reassembly when the sequence number wraps.

Q00564176: BCC_Help

The BCC help commands do not work on PP2430 or PP5430 routers.

Q00564444-01: PP5430_Quad_Serial

The Quad serial module on the PP5430 router corrupts packets. A new processor board is needed to resolve this issue. It is available with ECO E402199.

Q00573961-01: MIB

Continuous polling of the ifOperStatus MIB on a dial backup circuit shows that the line is bouncing when it is not.

Q00574882-01: PP5430

The wfCSMACDAutoNegEntry.wfCSMACDAutoNegState MIB always shows enabled on a PP5430 router interface even if Auto Negotiation is disabled.

Q00580215-01: Packet Capture

Inbound X.25 packets are not captured properly and therefore appear corrupted when displayed.

Q00581648-01: IPEX

BayRS router shows TCP transmit error messages during high X25 utilization.

Q00582931: HIFN

After a sequence number mismatch resulting from a lost frame, IP connectivity may get lost between a Nortel and Cisco routers on a HIFN compressed line.

Q00583107: Frame Relay

The Frame Relay log message, "Async PVC Status Message received and Ignored", may show 0 as the DLCMI number.

Q00583170-02: Radius

Deleting the RadiusEntry on the Radius soloist slot may result in a fault on the router.

Q00589418: PP5430_Quad_Serial

The Quad serial module on the PP5430 router may intermittently fail to receive incoming packets.

Q00585296-01: BCC

The BCC command 'show system information' displays a maximum system Up Time value of 248 days 13 hr 13 min 56 sec.

Q00585352-01: SCRIPTS

The 'show process cpu all' command displays negative numbers if sysuptime is over 248 days.

Q00587107-01: IPSec

BayRS IPSec scripts misinterpret the value of the wflkeSaIntegrityAlg parameter.

Q00589095-01: AHB

Host entries can't be added using AHB policies.

Q00591697: AHB

A memory leak occurs when adding and deleting AHB hosts.

Q00594306-01: DSQMS

The DSQMS interface state remains not present and the queue state remains in an invalid state when configuring DSQMS on an ASN 10MB Ethernet interface.

Q00596497: DSQMS

DSQMS queuing is only applied to the primary interface instead of all interfaces in the multiline bundle on a MCT1/MCE1.

Q00599056-01: BCC_DSQMS

BCC show commands do not work on an ethernet interface on an ASN.

Q00601364: Packet Capture

Packet Capture does not work on ISDN BRI channel D in BayRS Version 14.10 or above.

Q00602324-02: OSPF

After a global OSPF outage on a neighbor router, a type 3 Maxage summary is transmitted indefinitely after an ACK for a non-existent LSA is dropped by the originator.

Q00606173-01: PPP

The 'show ppp circuit' command does not show all enabled protocols for each interface in a multilink bundle like the BCC show command.

Q00606420: TI

The wfSerialPortSlot MIB is not updated when the TI slot mask is modified.

Q00609863-01: IPSec

IKE fails with 'Cookies did not match properly for IKE peer' error on a Dial on Demand circuit.

Q00611022: BCC_WCP

Invalid connector and channel-number values are displayed in BCC under wcp-line.

Q00614321-01: GRE_OSI

An OSI GRE circuit will not recover if the serial interface bounced.

Q00614799-01: DLSw

A memory leak occurs when connections for the same address set repeatedly come in through different interfaces.

Q00617419-01: PIM-SM

The BayRS router does not correctly handle a Bootstrap packet with the fragmentation tag set to zero causing old rendezvous points (RP) to remain in the RP list.

Q00619094-01: ISDN

In a configuration with several ISDN B channel lines in a BOD pool, some of the B channels will not be disconnected when the inactivity timer expires resulting in the calls incorrectly remaining active.

Q00620559-01: OSPF

In a configuration where 2 routers form a full adjacency and one router has routes with a next hop that points to the other router, after a communication breakdown where the adjacency on one router changes from Full to Init (instead of Full to Down), the routes will not age out of the table and will not fail over if there is an alternate path available.

Q00622494-01: RIP

A RIP Accept policy filter that is configured for one interface gets applied to all interfaces.

Q00623450: AHB

ATM Half Bridge faults the router when deleting a host entry.

Q00630654-02: ARP

After a network outage, the router may not send an ARP request when there is no host entry for the destination IP address.

Q00633052-01: PPP

A PPP connection will fail to redial after receiving a TERMINATE REQUEST from the other side of ISDN line.

Q00633282-02: ARP

After a network outage, the router may fail to send an ICMP echo request to a host after receiving that host's ARP reply.

Q00638978-01: BCC_GRE

A BayRS router may fault when configuring a third IP GRE tunnel using BCC.

Q00639961-01: GRE_IPX

An IPX GRE circuit will not be enabled after being configured using BCC.

Q00640694-02: WCP

Enabling WCP on a Frame Relay PVC on a PP2430 or PP5430 router causes L2TP to fail.

Q00643894-01: DLSw/TCP

The TCP timestamp is sometimes decreased on a PP2430 router causing DLSw retransmissions.

Q00643902-02: IGMP

Some valid DVMRP packets are incorrectly counted as IGMP discards.

Q00647031-01: SNMP

SNMP GetNext requests of the wfFsVolEntry MIB return incorrect results.

Q00651542-02: ARP

A fault may occur while updating route table entries across slots after a network outage.

Q00655019-02: DVMRP

A fault will occur if the mtrace utility is used with an unknown sender, i.e. router does not have a DVMRP route entry, and a DVMRP tunnel exists on the router.

Q00655212-01: DLSW

A memory leak occurs when DLSw is disabled while connections are still active.

Q00658924: ATMLANE

A collision during call setup may cause the router to fault.

Q00664129-02: NAT

NAT doesn't translate FTP port commands properly if the client is using TCP IP options.

Q00667686-01: ASN

The value of the wfSyncTxQueueLength MIB on an ASN router will change back to the default when the ethernet interface is disabled or disconnected.

Q00669394-02: DLSw

When Windows XP tries to map a network drive at startup with NetBEUI/NetBIOS over a DLS connection it may fail to get the connection.