

## **Fixed Anomalies for BayRS and BCC 15.5.0.0**

### **Q00055009-02: DSQMS**

Interface level statistics do not reflect the sum total of the (reserved) queue level statistics when there are no queues configured.

### **Q00088095-01: DIAGS**

Issuing the diag -l command causes a fault on dual 100BT modules.

### **Q00425209-01: TCP**

The wfTcp.wfTcpCurrEstab.0 MIB is not decremented when a connection times out after the link is disconnected.

### **Q00499216: DIAGS**

The ARE diagnostics file, arediag.ppc, contains an improper date.

### **Q00519945: PP5430\_Quad\_Serial**

The Quad Serial module on the PP5430 router will hang if the processor experiences an unexpected error or fault.

### **Q00565012-01: Radius**

The Radius Access request for PPP connections does not contain attributes 30 (calling station ID) and 31 (called station ID).

### **Q00584956: BCC\_ATM**

The BCC configuration parameter cell scrambling should not be available for the ARE OC3 module since cell scrambling is always enabled on this link module.

### **Q00587107-02: IKE**

The wfIkeSaIntegrityAlg parameter is misinterpreted in the log and IPsec scripts.

### **Q00593893-02: NAT**

NAT is changing the IP Destination Address of the payload of an ICMP Destination Unreachable packet to an incorrect value.

## **Q00599426-02: Multilink PPP**

If the slot is busy when a link that is part of a PPP multilink bundle bounces, it may not be added back into the multilink bundle.

## **Q00601290-01: DSQMS**

A DSQMS router configured with Flow Fairness enabled on weighted queues may fault under heavy traffic conditions.

## **Q00601651-01: PPP Multilink**

When a PPP multilink bundle encounters high bandwidth utilization along with a slot that is part of the bundle becoming busy, the multilink bundle may start tossing buffers that show an incorrect BUF\_START offset.

## **Q00609927-01: OSPF**

The forwarding address might not be set in a newly originated External if the interface has been bounced.

## **Q00615210-01: BGP**

BGP may fail to mark a route as unreachable after its next hop interface is no longer valid.

## **Q00616977-01: Bisync**

The operational status of a Bisync interface is showing down even though the interface is functioning properly.

## **Q00623361: AHB**

An AHB host is not removed from table after a new host with the same MAC address is learned.

## **Q00629066-01: SDPT NAT**

The SDPT NAT route is not added back into the routing table after NAT is bounced globally on the router resulting in SDPT NAT not working.

## **Q00638182-01: GRE**

The BayRS router may fault when IP is bounced if GRE is configured.

**Q00640019: BCC\_GRE\_IPX**

Configuring an IPX /GRE remote-endpoint in BCC always creates an IPX static host of 0x1.

**Q00641509-02: DLSw**

A memory leak may occur on a DLSw interface when either the token ring cable is pulled or the interface is bounced.

**Q00652703-01: OSPF**

An external type 2 route does not properly converge when an OSPF area summary is created for a specific route.

**Q00657817-01: DLSw**

The wfDlsSlotEntryDlsCurrentMemory MIB does not decrease when a connection goes down.

**Q00658924-02: ATM**

A fault may occur if a call collision occurs during the VC creation process.

**Q00660040-01: AHB**

AHB logs FAULT messages in the event log even though AHB does not actually fault.

**Q00663065-01: Diffserv**

A memory leak occurs when Diffserv traffic filters are deleted.

**Q00663606: AHB**

A fault occurs when AHB policy checking is enabled and a static route is installed.

**Q00666113: BCC\_DLSw**

A router with 500 or more DLSw connections will fault when the BCC show dlsw connections command is executed.

**Q00666205-01: BCC\_DLSw**

Unable to source a DLSw configuration file created with Site Manager.

**Q00666325-01: BCC\_DLSw**

The ip-net-ring-id parameter should only be required when IP encapsulation is enabled.

**Q00667659-01: FTP**

An interrupted file transfer to a PP2430 router will corrupt the flash card.

**Q00667950-01: ATM**

A fault may occur on an ATM module due to a timing issue between the dual processors.

**Q00668345-02: DVMRP**

Multicast traffic always goes over unnumbered WAN links.

**Q00675135-01: PPP Multilink**

Simultaneously bouncing the entire MLPPP bundle may cause the link to appear to go deaf.

**Q00678439-01: RIP**

If there is a default route known to the router, it will be advertised every 5 seconds regardless of the broadcast timer value when the router is configured with RIP triggered updates enabled and RIP supply disabled.

**Q00678552-01: RIP**

If the router is configured to generate a default route and a default route is learned, the router will advertise the generated default route with the learned cost instead of the configured cost.

**Q00686517-01: IP**

If the wfIpOspfMaximumPath parameter is configured for a value greater than 1, then after one of the paths goes down causing the routes to be imported into OSPF through another interface, the routes may disappear from the LSDB when the original interface comes back.

**Q00689120-01: DLSw**

DLSw V2.0 peers TCP connections close all at once and then reopen for no apparent reason.

**Q00695393: NAT**

Configuring a NAT mapped static-address fails in BCC but works in SM.

### **Q00695486-01: NAT**

A fault occurs on the router when retrieving files using the Leech FTP client due the fact that the router incorrectly handles the payload portion of the incoming packet.

### **Q00697297: BCC\_DSQMS**

The default value for the max-queue-buffers and max-queue-buffers-unconfig-peers should be 50.

### **Q00697302: BCC\_DLSw**

The DLSw priority queue peer variable name 'queue' should be 'default-bandwidth' to be consistent with the DLSw global parameter.

### **Q00699282-01: Circuitless IP**

Circuitless IP address is unreachable after the router is rebooted or faults.

### **Q00700216-01: RIP**

Slot to slot inconsistencies with RIP routes after bouncing IP resulting in connectivity problems.

### **Q00702911-01: BGP**

BGP intermittently fails to withdraw a route when an update packet is sent.

### **Q00703317: PP5430\_Quad\_Serial**

All ports on the Quad Serial module on the PP5430 router will fail after one port is bounced.

### **Q00703499: GRE**

The state of a GRE connection stays up even though remote connection is down.

### **Q00705340-01: DSQMS**

The sync port will lock up after configuring a DSQMS DSCP classifier 00000000 using a telnet connection to the sync port.

### **Q00706308-01: PP2430**

The ISDN circuit fails after configuring 2nd Ethernet interface on a PP2430 router.

### **Q00706607-01: Multilink PPP**

When one of the lines in a PPP multilink bundle goes into loopback the multilink bundle may stop receiving traffic.

### **Q00706449: PP5430\_Quad\_Serial**

An illegal opcode fault will cause the Quad serial on the PP5430 router to go into diagnostics rather than recover and reset.

### **Q00716508: DSQMS**

After deleting DSQMS from an interface, the DSQMS Queue MIBs are still present.

### **Q00719321: Hifn**

Hifn LZS doesn't work when one link of a multilink bundle is disabled.

### **Q00719724: PP5430**

The Quad Serial module on the PP5430 router will hang if the processor experiences an unexpected error or fault.

### **Q00720463-01: IP**

The maximum number of IP circuits needs to be increased to 1500.

### **Q00722059: BCC\_DLSw**

When configuring a DLSw SDLC local device an erroneous error message appears indicating that the device cannot be defined although it has been defined correctly.

### **Q00724019: BCC\_BGP**

A fault occurs when configuring BGP peers using BCC.

### **Q00725191-01: DSQMS**

Telnet packets originated by BayRS routers are always marked with 0x00000000 DSCP and are queued to the best effort queue. Consequently it takes several hours to download about 20 Diff-serv filters from OPS over low speed serial links if the best effort queue has a lower bandwidth allocation.

### **Q00725620-01: Radius**

The BayRS router starts rejecting Radius accounting responses after the physical interface associated with the Radius client is bounced.

### **Q00725814-01: Scripts**

Executing the show nat translations command on a router with a large number of dynamic translations may fault.

### **Q00726708-01: HTTP**

Viewing CPU Utilization via HTTP gives a 'Data type mismatch' error.

### **Q00727808-01: ARP**

The router faults after disabling an interface if Host Cache Age is set to a value other than 0.

### **Q00730056-01: Multilink PPP**

On a busy router configured with many PPP lines in a multilink bundle, if the lines in the bundle become unstable, a fault may occur.

### **Q00732067-01: ECMP**

ECMP does not balance evenly over three or more links.

### **Q00736635: OSPF\_NSSA**

External type 7 and NSSA routes age out of LSDB on an ASBR with multiple NSSA areas.

### **Q00739053-01: VRRP**

If multiple VRRP interfaces are configured on one slot and one of the interfaces goes down, all of the VRRP interfaces will be initialized on the slot causing a VRRP transition on the other interfaces.

### **Q00742121-01: ECMP**

The routing table fails to converge to an alternate route after a lower cost route is lost.

### **Q00749381: DVMRP**

If Multicast is configured over unnumbered WAN links, the router may fault if IGMP is bounced.

**Q00744923-01: Multilink PPP**

When one of the lines in a PPP multilink bundle goes into loopback the multilink bundle may use more buffers for resequencing than what is configured in wfPppCircuitMaxBuffers.

**Q00749030: SDLC**

SDLC secondary link may fail to transmit frames.

**Q00749042: DLSw**

DLSw connections may be killed prematurely.

**Q00749097-01: MIB**

The sysUpTime MIB may become corrupted after adjusting the time on a heavily loaded router.

**Q00752818: DVS**

A memory leak will occur when a Mobile IP tunnel is torn down.