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REVISION NOTES FOR BAYRS VERSION 15.3.0.8

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.8	----->	15.3.0.0, 15.3.0.1
15.3.0.7	----->	15.3.0.0, 15.3.0.1
15.3.0.6	----->	15.3.0.0, 15.3.0.1
15.3.0.5	----->	15.3.0.0, 15.3.0.1
15.3.0.4	----->	15.3.0.0, 15.3.0.1
15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.8 corrects the following problems:

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Q00305630-02: TI

Tag violation faults and memory corruption can occur when TI initializes. This implements the fix for the AN, ARN and PP5430 platforms.

Q00429421-02: OSPF

LSDB entries with the IP address bit-flipped are not handled correctly causing both the bit-flipped and non bit-flipped routes to be injected into the routing table.

Q00430123-02: WCLK

A fault may occur on an AN router after receiving an NTP update that requires an update to the clock due to a timing issue when the clock is updating internally.

Q00464803-02: WCP

Unnecessary messages fill the log when traffic is sent across slots when PPP Multilink is configured across two slots along with WCP using hardware compression.

Q00488772: NAT

If multiple public interface are configured over WAN links and one of them comes down, NAT will not converge correctly on the second interface causing NAT to stop translating.

Q00490837-02: RIP

RIP1 is importing RIP2 multicast updates and installing subnetted networks in the routing table. A new MIB parameter, wfRipIntfRipCompatible, has been added to make RIP work in conformance with RFC 1723. This acts as a control switch to determine whether to accept RIP1 only, RIP2 only or both. It is configurable on a per interface basis. If enabled, RIP2 packets are broadcast, RIP1 ignores multicast packets and installs only natural address and mask in the routing table when it receives a RIP2 packet.

Q00494691-02: PP5430

The PP5430 diagnostic tests intermittently reads the FE-1 SDB ID as an ISDN and subsequently fails or hangs the router. This is a software change that compliments the change in the PP5430 V1.16 Diags (available with BayRS 15.4.0.1).

Q00499411: PP2430

On a PP2430 router that is configured for either Dial Backup or Hot Standby backing up an FT1 link, when the router detects a primary link failure on the FT1, the ISDN module will stop transmitting.

Q00494678-01: PP5430

A watchdog fault may occur on a PP5430 router when passing small frame IP traffic.

Q00495479: NAT

The NAT process may fault on boot up due to a timing issue where it tries to translate before other processes are up.

Q00517502: FT1

Request to allow the ability to turn off FDL (Facilities Data Link) functionality on the FT-1.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.7

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.7	----->	15.3.0.0, 15.3.0.1
15.3.0.6	----->	15.3.0.0, 15.3.0.1
15.3.0.5	----->	15.3.0.0, 15.3.0.1
15.3.0.4	----->	15.3.0.0, 15.3.0.1
15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.7 corrects the following problem:

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Q00490342-02: ARP

The BayRS router will fault if an ethernet interface is configured with ARPINARP and host cache aging.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.6

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.6	----->	15.3.0.0, 15.3.0.1
15.3.0.5	----->	15.3.0.0, 15.3.0.1
15.3.0.4	----->	15.3.0.0, 15.3.0.1
15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.6 corrects the following problems:

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Q00494478: VRRP

Disabling VRRP causes the router respond to ARP requests with a bogus MAC address.

Q00510064: VRRP

VRRP may fault during initialization due to a timing issue between the dependant processes on the router.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.5

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.5	----->	15.3.0.0, 15.3.0.1
15.3.0.4	----->	15.3.0.0, 15.3.0.1
15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.5 corrects the following problems:

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Q00218273-03: PP2430

The console port locks up on a PP2430 when a sync interface changes state.

Q00305630-02: TI

Tag violation faults and memory corruption can occur when TI initializes.

Q00461358: PP2430

when a Xircom PCMCIA modem is used as the console port the modem will answer but occasionally will not send the login prompt. This may result in a router fault within a few minutes.

Q00484079-01: PP2430

Repeated dialing into a PP2430 to open and close a TI session will eventually cause the router to fault.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.4

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.4	----->	15.3.0.0, 15.3.0.1
15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.4 corrects the following problem:

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Q00437065: IP Traffic Filter

IP traffic filter instances change to an Inactive state when modified dynamically over ATM.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.3

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.3	----->	15.3.0.0, 15.3.0.1
15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.3 corrects the following problems:

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Q00317437-02: X.25

When the router is polled through SNMP for all X.25 service records, including the default service record, the router may incur a watchdog fault.

Q00425468: IP

An IP interface will remain up for up to 120 seconds after it has been disabled. If VRRP is configured as master on this interface, it will remain as master until the interface comes down.

Q00436653: MLPPP

When the PPP multilink lines span multiple slots, and the attribute wfPppCircuitEntry.wfPppCircuitLampreyCompDisable has been configured for one of the slots, if that slot goes away and never comes back the multilink will not recover.

Q00284000-02: WCP

Dynamically deleting WCP may cause a fault on the router.

Q00285801-02: MLPPP

Multilink PPP may fault when the interfaces in the multilink are continuously bouncing.

Q00430901: OSPF

OSPF NBMA Interface intermittently gets stuck in exchange state when the router is flooding out type 3 database description packets.

Q00039795-02: IP Filters

A router with IP traffic filters configured to filter ICMP traffic can result in packet loss through the router.

Q00121937-03: DLSw

LLC is running out of context blocks, preventing new DLSw sessions from being established.

Q00278716-02: FTP

The router will fault when trying to open an FTP session after the maximum number of sessions has been reached.

Q00426187: VRRP

User should be allowed to ping the Virtual IP address through all non-VRRP interfaces as well as the VRRP interfaces.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.2

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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.2	----->	15.3.0.0, 15.3.0.1
15.3.0.1	----->	15.3.0.0, 15.3.0.1
15.3.0.0	----->	15.3.0.0, 15.3.0.1

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BayRS and BCC Version 15.3.0.2 corrects the following problems:
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Q00305630-02: TI

Tag violation faults and memory corruption can occur when TI initializes on a BN.

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REVISION NOTES FOR BAYRS VERSION 15.3.0.1
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Site Manager compatibility:

BayRS version is managed by Site Manager version

15.3.0.1	----->	15.3.0.0
15.3.0.0	----->	15.3.0.0

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BayRS and BCC Version 15.3.0.1 corrects the following problems:
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Q00422367-02: NAT

When multiple FTP port commands are issued and the addresses are translated through NAT, the PP5430 may hang or incur a fault.

Q00432858: Frame Relay

When an SNMP get-next request for a Frame Relay MIB is sent to an IP address on an ATM interface, a VBM fault will occur on the ARE.