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REVISION NOTES FOR BAYRS VERSION 15.4.2.7 - Based on 15.4.2.6

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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
15.4.2.7	----->	15.4.2.0
15.4.2.6	----->	15.4.2.0
15.4.2.5	----->	15.4.2.0
15.4.2.4	----->	15.4.2.0
15.4.2.3	----->	15.4.2.0
15.4.2.2	----->	15.4.2.0
15.4.2.1	----->	15.4.2.0
15.4.2.0	----->	15.4.2.0

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BayRS and BCC Version 15.4.2.7 corrects the following problems:

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Q00885965-01: PP5430

The new V.34 SDB modem failed to initialize properly when the existing AT command string was sent to it.

Q00901134-02: TCP Cert Advisory

The TCP stack was modified to protect against the possibility of the denial of service attacks outlined in the NISCC advisory 236929.

Q00854837-03: ASN

Add support for Catalyst Prom (diag).

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BayRS and BCC Version 15.4.2.6 corrects the following problems:

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Q00844668: Ethernet

The router may fault when an Ethernet interface configured for BootP is bounced.

Q00826775-01: OSPF

The routing table is not being updated by OSPF for type 3 summary after an OSPF link is disabled.

Q00864524: FR

The router may fault after setting the wfFrDlcmiEnableSinglePVCUpdate MIB attribute to 2.

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BayRS and BCC Version 15.4.2.5 corrects the following problems:

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Q00818803-01: MLPPP

PPPML resequencing buffer pool is not purged when cable is pulled / reconnected.

Q00709191-03: DLsw

A slot reset may occur due to a shortage of buffers when excessive Protocol Priority filtering is being performed on a DLsw circuit.

Q00754719-01: OSPF

The router does not send ARP messages after the Ethernet circuit is disabled and then enabled when utilizing OSPF type Point to MultiPoint STD.

Q00812971-04: WCP

Unable to configure WCP on a PP5430 Quad Serial module with BCC.

Q00829168-02: PP5430

Configuring an invalid connector on a PP5430 Quad Serial module via the Technician Interface may cause a watch dog fault.

Q00727808: ARP

The router may fault after disabling CSMACD circuit on a VRRP router.

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REVISION NOTES FOR BAYRS VERSION 15.4.2.4 - Based on 15.4.2.3
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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
15.4.2.4	----->	15.4.2.0
15.4.2.3	----->	15.4.2.0
15.4.2.2	----->	15.4.2.0
15.4.2.1	----->	15.4.2.0
15.4.2.0	----->	15.4.2.0

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BayRS and BCC Version 15.4.2.4 corrects the following problems:
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Q00599426: MLPPP

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

Q00601651: MLPPP

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.

Q00667950: ARE

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

Q00675135: MLPPP

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

Q00706607-02: MLPPP

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

Q00714311: NSSA

The default route is not propagated correctly into OSPF NSSA via RIP.

Q00714917: NSSA

A default NSSA route on an ABR doesn't follow RFC 3101 for ASE forward address. The current BayRS implementation for setting ASE forward address is based on RFC 1587 where the ASE forward address for the default route is chosen from all active IP interfaces running OSPF instead of ones in the same area. RFC 3101 Appendix F has been implemented so BayRS can now search for an active Circuitless IP interface, then an active IP interface running OSPF in the same area, then all areas to use as the ASE forward address. To enable this functionality, set the wfOspfRfc3101FwdAddrCompatibility parameter to enabled. The default is disabled which will continue to choose the ASE forward address based on RFC 1587. In addition, a new parameter, wfOspfAreaNssaRouteFwdAddr, was added to manually configure an ASE forward address when RFC 3101 is enabled.

Q00730056: MLPPP

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.

Q00736635: NSSA

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

Q00744923: MLPPP

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.

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REVISION NOTES FOR BAYRS VERSION 15.4.2.3 - Based on 15.4.2.2
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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
15.4.2.3	----->	15.4.2.0
15.4.2.2	----->	15.4.2.0
15.4.2.1	----->	15.4.2.0
15.4.2.0	----->	15.4.2.0

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BayRS and BCC Version 15.4.2.3 corrects the following problems:
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Q00638182: GRE_IP

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

Q00706308: PP2430

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

Q00726708: HTTP

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

Q00742121: ECMP

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

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REVISION NOTES FOR BAYRS VERSION 15.4.2.2 - Based on 15.4.2.1
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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
15.4.2.2	----->	15.4.2.0
15.4.2.1	----->	15.4.2.0
15.4.2.0	----->	15.4.2.0

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BayRS and BCC Version 15.4.2.2 corrects the following problems:
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Q00719724-01: PP5430_Quad Serial

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

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REVISION NOTES FOR BAYRS VERSION 15.4.2.1 - Based on 15.4.2.0
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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
15.4.2.1	----->	15.4.2.0
15.4.2.0	----->	15.4.2.0

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BayRS and BCC Version 15.4.2.1 corrects the following problems:
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Q00615210-02: BGP

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

Q00678439-02: 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.

Q00678552-02: 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.

Q00686517-02: OSPF

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.