

20.4R3-S2 - List of Known issues

PR Number	Synopsis	Category: EX2300/3400 platform
1580560	Pause frames counters are not getting incremented when pause frames are sent. Product-Group=junos	Pause frames counters are not getting incremented when pause frames are sent.
1627673	System time may not be updated after reboot. Symptoms seen are: 1) DHCP security bindings show wrong lease time value post device reboot when persistence is configured, and 2) after USB image installation cli is not working fine. Product-Group=junos	System time may not be updated after reboot. Symptoms seen are: 1) After USB image installation, CLI is not working fine. 2) When DHCP persistence is configured with DHCP security and device reboots, the lease time values may show a high lease value post reboot.
PR Number	Synopsis	Category: PRs related to NFX xDSL SFP software
1611210	20.4R3:NFX-350:while upgrading the DSL SFP version,observing package file mismatch Product-Group=junos	Initiating sfp upgrade will show version mismatch.
PR Number	Synopsis	Category: IGP-Static, RIP, OSPF, ISIS
1634747	ISIS last transition time never increments Product-Group=junos	On ACX710 platform ISIS last transition time never increments even though session remains stable for long time.
PR Number	Synopsis	Category: QFX VC/VCF NSSU
1496765	On the QFX5100 Virtual Chassis or Virtual Chassis fabric, NSSU from the older Junos OS Release with Broadcom SDK 6.3.x to new Junos OS Release with Broadcom SDK 6.5.x might not work. Product-Group=junos	On QFX5100, NSSU from older Junos release with Broadcom SDK 6.3.x to new Junos release with Broadcom SDK 6.5.x may not work. As a workaround normal upgrade from older release to new release can be done.
PR Number	Synopsis	Category: CoS support on ACX
1633427	The storm-control rate-limit might not work with VPLS policer under IFL Product-Group=junos	On ACX5448 platforms, when storm-control rate-limit is configured on the physical interface along with the VPLS(Virtual Private LAN Service) filter and policer configured under attached IFL(logical interface), storm-control rate-limit might not get applied to the ingress traffic and hence entire traffic might get forwarded further unexpectedly.
PR Number	Synopsis	Category: ACX GE, 10GE, PoE, IDT framers
1633226	Speed 10m configuration error on ACX5048 and ACX5096 platforms Product-Group=junos	On ACX5048 and ACX5096 platforms interface speed 10m is not supported on 1G interface. This issue was introduced due to a bug fix and it has been resolved with this PR.

PR Number	Synopsis	Category: ACX Services feature
1626058	Unicast packet loss might be observed due to control-word configuration Product-Group=junos	On ACX5448/ACX710 platforms, enabling control-word for Virtual Private LAN Service (VPLS) instance might result in unicast packet loss.
PR Number	Synopsis	Category: the SMGD redundancy plugin in SMGD
1631858	DHCP ALQ Syslog error bbesmgd[26939]: LIBSDB_RSMON_PS_TABLE_PTR_FAILURE: sdb_get_ps_interface_table_record:2076 failed to get the ps_table_header ptr Product-Group=junos	DHCP ALQ Syslog error bbesmgd[26939]: LIBSDB_RSMON_PS_TABLE_PTR_FAILURE: sdb_get_ps_interface_table_record:2076 failed to get the ps_table_header ptr
PR Number	Synopsis	Category: BBE Statistics daemon & libraries
1625648	The bbe-statsd crash might be seen in the LTS subscriber scenario Product-Group=junos	In the L2TP tunnel switch (LTS) subscriber scenario, the bbe-statsd crash might be seen if the accounting configuration is enabled on MX Series platforms.
PR Number	Synopsis	Category: Border Gateway Protocol
1599730	rpdcrash might be seen when NSR is enabled Product-Group=junos	On all Junos and Junos Evolved platforms when nonstop routing (NSR) is enabled during route convergence then routing protocol daemon (rpdc) might crash with a core there-by causing service impact on the device.
1600599	Kernel crash might be observed on platforms having BGP configured with family L2VPN Product-Group=junos	On all Junos OS and Junos Evolved platforms running Border Gateway Protocol (BGP) with Layer 2 VPN (L2VPN) scenario, kernel crash might be observed.
1616595	The wrong BGP path may get selected even when a better/preferred route is available Product-Group=junos	On all Junos and Junos Evolved platforms, in the scenario of "no-install" configured under the BGP family, the wrong BGP path may get selected as an active route, even when a better/preferred route is available.
1625396	[rpdc] [rpdc] : mx960 :: PDT: MX960 : RPD Process CPU observed consistent > 80% on MX960 in 20.4R3-S1 daily CI build - 20.4I-20211003_junos_204_r3_s1.0.0429 Product-Group=junos	When we have high scale, the Openconfig telemetry sensor /bgp-rib/ used in periodic streaming will cause high cpu usage by RPD.
1635700	The BFD session might be down when multiple addresses of same subnet are configured Product-Group=junos	In the single-hop BFD of BGP scenario, when multiple addresses of the same subnet are configured on the interface of the BFD session, the BFD session might be down.
PR Number	Synopsis	Category: CFM
1536417	FPC might core if CFM flap trap monitor feature in use Product-Group=junos	FPC might core if flap-trap-monitor feature under "set protocols oam ethernet cfm performance-monitoring sla-iterator-profiles" is used and performance monitoring flap occurs.

PR Number	Synopsis	Category: Device Configuration Daemon
1609838	SNMP_TRAP_LINK_UP & SNMP_TRAP_LINK_DOWN trap might be seen while activating and deactivating firewall filters Product-Group=junos	Unexpected LINK_UP/LINK_DOWN messages on vme interface might be seen in the syslog as part of config update on firewall filter. This issue is ONLY seen when vme interface is not configured, but not seen when vme interface is configured. And This issue only happens when virtual chassis is configured on the platform like EX Series or QFX Series Virtual Chassis.
PR Number	Synopsis	Category: dhcpd daemon
1613738	DHCP relay no-snoop might not work with DHCP local server in the same routing-instance Product-Group=junos	When DHCP relay and local server are configured in the same routing-instance, with no-snoop enabled for DHCP relay but not enabled for local server, configuration change committed to the DHCP local server might break no-snoop functionality for the DHCP relay.
PR Number	Synopsis	Category: CoS support on DNX
1603622	RED-dropped packets might be observed if hierarchical-scheduler is configured on ACX5448 platforms Product-Group=junos	On ACX5448 platforms, if hierarchical-scheduler is configured for an interface, during interface flaps or configuration changes, some of PFE buffers might become out of sync, which might cause packets drops even without congestion.
1630086	hierarchical-scheduler is not supported on MPLS interface on ACX5448 Product-Group=junos	Hierarchical-scheduler (HQOS) is not supported on MPLS (Core facing) interface on ACX5448 before Junos release 22.2. Enabling HQOS on MPLS Core facing interface will cause unexpected traffic forwarding behavior.
PR Number	Synopsis	Category: DNX platform MPLS FRR features
1635801	ACX710/5448 working as PE stops forwarding L3VPN traffic after core-facing link flapping Product-Group=junos	When ACX710/5448 series platforms work as PE nodes in L3VPN environment, it might stop forwarding L3VPN traffic after core-facing link flaps, due to a race condition that happens during L3VPN NH programming in PFE.
PR Number	Synopsis	Category: Covers Application classification workflows apart from custo
1626589	The application package installation might fail with error in SRX platforms Product-Group=junos	On SRX platforms, the application package installation might fail when the application/groups are enabled/disabled multiple times. This issue happens because each time when enable/disable is called, some of the memory does not get free.
PR Number	Synopsis	Category: System Management daemon and related issues
1606839	Around 500ms to 800ms of traffic loss might be seen with one of AE member links of p2mp LSP branches is down on Junos Evolved PTX10008 platform Product-Group=junos	On Junos Evolved PTX10008 platform in FMBB (Fast Make-Before-Break) scenario, around 500ms to 800ms of traffic loss might be seen if the member link of AE bundle of the p2mp LSP branches is down.
PR Number	Synopsis	Category: EVPN control plane issues

1611565	Unicast flows see a 10 secs traffic loss on rebooting/powercycle the QFX10K2 as L2/L3 GW Product-Group=junos	There is traffic loss when a MH leaf in scaled environment is brought down. This loss is about 10 seconds. The loss is both for L2 and L3 traffic. No loss is observed when the MH peer is brought up.
1626120	EVPN routes not advertised successfully upon activating or applying EVPN instance configuration Product-Group=junos	On a JUNOS or EVO based platform, when EVPN instance configuration is applied, routing-process would add routes to be advertised to .evpn.0 RIB (show route table .evpn.0), but they wouldn't been seen by other PEs or route-reflectors (show route table bgp.evpn.0). And so destinations behind the PE might not be reachable.
PR Number	Synopsis	Category: EVPN Layer-2 Forwarding
1576943	The BUM traffic might be dropped after changing any configuration on the device without router-id configured. Product-Group=junos	In EVPN-MPLS scenario, if router-id is not configured on the device, BUM (Broadcast, Unknown Unicast, and Multicast) traffic might be dropped after any configuration is changed.
1609322	Few ARP/ND/MAC entries for Vlans are missing with MAC-VRF configuration Product-Group=junos	In all Junos and Evo platforms, in EVPN-VXLAN scenario, with "proxy-macip-advertisement" knob configured, few ARP/ND/MAC entries may get missing.
1613201	IRB proxy-arp unrestricted might not work if EVPN/I2alm proxy is enabled Product-Group=junos	On all Junos platforms, if Ethernet Virtual Private Network (EVPN)/Layer 2 Address Learning Manager (I2alm) proxy is enabled, Integrated Routing and Bridging (IRB) proxy-arp unrestricted might not work and impact the traffic.
PR Number	Synopsis	Category: EX optics issues
1611772	Traffic stops when traffic is switching from one LAG member to another member in case of MACSEC is configured Product-Group=junos	During config change of MACSEC on LAG, LAG members (port) is reinitializing the STP from fresh and due to STP state of port is getting modifying, it went to disable state and traffic loss occurred.
PR Number	Synopsis	Category: Express PFE MPLS Features
1590387	ISIS adjacency is not coming up through TCC I2circuit Product-Group=junos	On ACX/PTX/QFX platforms(PTX10002/10003/10008/10016/QFX10002/10003/10008/10016/ACX6360) if protocols I2circuit and channel tcc is enabled for providing layer 2 transaction, ISIS connection through the layer 2 domain might get failed and traffic loss might be seen.
1618507	Traffic loss might be observed with some MPLS labels in multipath BGP scenarios Product-Group=junos	On all PTX platforms, when a Provider Edge (PE) router is configured with multipath, traffic loss might be seen even though the link is up. After this PR, a new knob "no-ipl-based-frr-for-inh-primary" can be applied under "forwarding-options" to avoid such issues.
1628196	EAPoL packets over I2circuit may get dropped at the tunnel start Product-Group=junos	On all PTX routers in the Layer 2 circuit scenario, when the "I2circuit-control-passthrough" option is enabled, Extensible Authentication Protocol over LAN (EAPoL) packets might not go over the Layer 2 circuit as expected.
PR Number	Synopsis	Category: Flow-tap software
1647179	DTCP radius-flow-tap fails to program PFE when trigger X-NAS-Port-Id exceeds 48 character length. Product-Group=junos	DTCP radius-flow-tap fails to program PFE when trigger X-NAS-Port-Id exceeds 48 character length.

PR Number	Synopsis	Category: Express ASIC interface
1582200	The FEC91 mode might not get enabled automatically for QSFP28-SR4 SFP used on WAN interface Product-Group=junos	On PTX3000 and PTX5000 with QSFP28-SR4 optics, the FEC (Forward Error Correction) mode FEC91 might not get enabled automatically if the FEC mode is explicitly configured and deleted previously. This might impact the traffic on the affected interface.
PR Number	Synopsis	Category: Fast Ethernet interfaces
1613430	Static route might not work on vSRX Product-Group=junos	On vSRX instance instantiated in Google Cloud, static route might not work.
PR Number	Synopsis	Category: Integrated Routing & Bridging (IRB) module
1615406	EM6:CSP: Ksyncd core-generated for replication error when full configuration is removed and base configuration is applied Product-Group=junos	On a fully configured and active device running EVPN VXLAN and having thousands of routes learnt over VXLAN tunnel, if full configuration is removed all at once and replaced with minimal base config which essentially removes all interfaces and routes, can increase load on the whole system. With DUAL RE systems, when this kind of load is introduced, there is a chance of backup RE not in sync with master RE due to a race condition. This can cause replication issues and generate ksyncd core and live vmcore for debug purposes.
PR Number	Synopsis	Category: jdhcpd daemon
1496895	The copying of files to the RCB over WAN ports is slow. Product-Group=junos	The copying of files to the RCB over WAN ports is slow. This is observed across all platforms running Junos OS Evolved platforms.
1618977	Junos OS: The jdhcpd crashes upon receiving a specific DHCP packet (CVE-2022-22179) Product-Group=junos	An Improper Validation of Specified Index, Position, or Offset in Input vulnerability in the Juniper DHCP daemon (jdhcpd) of Juniper Networks Junos OS allows an adjacent unauthenticated attacker to cause a crash of the jdhcpd and thereby a Denial of Service (DoS). Refer to https://kb.juniper.net/JSA11285 for more information.
1620461	Circuit-id handled incorrectly with backup node for ALQ with Topology discover configured Product-Group=junos	Topology Discovery using mapping between Local and Remote Incoming Interface or DHCP Packet Receiving interface on Remote ALQ (Active-leasequery)peer is used to host subscribers.The mapped Remote Incoming Interface is used inside Option-82 and this will conflict with the circuit-id of the incoming DHCP packet on DHCP RELAY-1 and circuit-id of option-82 is over written leading to lose of information.
PR Number	Synopsis	Category: jl2tpd daemon
1630150	Tunneled subscribers may be stuck in terminating state in L2TP subscriber scenario Product-Group=junos	On all MX platforms that support enhanced subscriber management (Next Generation Subscriber Management) with Layer 2 Tunneling Protocol (L2TP) subscriber scenario, L2TP subscribers may be stuck in terminating state if the L2TP subscribers try to login.
PR Number	Synopsis	Category: Addresses ALG issues found in JSF
1604123	Junos OS: MX Series and SRX Series: The flowd daemon will crash if the SIP ALG is enabled and specific SIP messages are processed (CVE-2022-22175) Product-Group=junos	An Improper Locking vulnerability in the SIP ALG of Juniper Networks Junos OS on MX Series and SRX Series allows an unauthenticated networked attacker to cause a flowprocessing daemon (flowd) crash and thereby a Denial of Service (DoS). Continued receipt of these specific packets will cause a sustained Denial of Service condition. Refer to https://kb.juniper.net/JSA11281 for more information.

PR Number	Synopsis	Category: Flow Module
1634146	Packets may not be classified according to the CoS rewrite configuration Product-Group=junos	When SPC3 card is used on SRX platforms, with flow mode clear text fragmented packets might not be properly classified according to the CoS rewrite configuration.
PR Number	Synopsis	Category: High Availability/NSRP/VRRP
1606724	Secondary node in a chassis cluster might go into reboot loop on SRX platforms Product-Group=junos	On SRX1500/4100/4200, the secondary node in a chassis cluster might go into reboot loop after RGO (redundancy-group 0) failover and secondary node is rebooted manually.
1631938	BFD over high-availability ICL link might flap Product-Group=junos	BFD over high-availability ICL link may flap if there were many rekeyed SAs due to simultaneous rekey. Now oldest IPsec SAs are deleting so that at max only 2 SAs are associated with HA Link tunnels.
1632586	Annotate ip command might bring IP monitoring down and both nodes in MNHA (Multinode high-availability) mode goes into INELIGIBLE state Product-Group=junos	On SRX5k series platforms with MNHA mode, if "monitor ip" is configured under routing-instance and when try to add annotate ip command both devices might move into INELIGIBLE state and complete traffic may drop during the issue.
PR Number	Synopsis	Category: JSR Infrastructure
1629647	Error message "gencfg_cfg_msg_gen_handler drop" might be seen after running commit command Product-Group=junos	On SRX series platform, error message "gencfg_cfg_msg_gen_handler drop" is seen after running commit command.
PR Number	Synopsis	Category: Firewall Network Address Translation
1631815	New persistent NAT or normal source NAT sessions might fail due to noncleared aged out sessions Product-Group=junos	On high end SRX platforms with Central Point (CP) architecture and Services Processing Units (SPUs), if configured with all these features "Port Block Allocation (PBA), persistent NAT, hairpin, source NAT", persistent NAT sessions might get stuck and aged out Persistent NAT sessions might not get cleared, due to which the new persistent NAT or normal source NAT session might fail.
PR Number	Synopsis	Category: User Firewall related issues
1637548	SRX with user-identification to Active Directory is unable to connect to Domain Controller after installing Microsoft KB5004442 update. Product-Group=junos	On all SRX platforms, when the User Identification feature is used with Active Directory, after the Domain Controller server installs updates related to Microsoft's KB article kb5004442, SRX is no longer able to connect to it. As a workaround, on the server disable the hardening changes following instructions in Microsoft's KB article kb5004442.
PR Number	Synopsis	Category: IPSEC/IKE VPN
1574409	The SRXPFE process might crash and generate a core file when IPsec VPN is used Product-Group=junosvae	On SRX4000 and SRX5000 Series devices, the SRXPFE process might crash and generate a core file when IPsec VPN is configured.

PR Number	Synopsis	Category: Security platform jweb support
1638370	reboot/halt from J-web may fail on SRX series platforms Product-Group=junos	On SRX380, reboot/halt might fail when triggered from J-Web Device. There will not be any service impact. For reboot and halt, J-Web is sending the following CLI: 1) request system reboot media compact-flash 2) request system halt media compact-flash
PR Number	Synopsis	Category: Layer 2 Circuit issues
1626219	The rpd process might crash during ISSU if the auto-sensing knob is enabled for l2circuit Product-Group=junos	On all platforms which support the In-Service Software Upgrade (ISSU) feature, if the auto-sensing knob is enabled for l2circuit, the routing protocol daemon (rpd) might crash while performing ISSU. Traffic loss might be seen when the rpd is down and service can recover after rpd comes back up.
PR Number	Synopsis	Category: Layer 2 Control Module
1629011	Traffic drop might be reported on the interface after reboot or power cycle Product-Group=junos	On Junos and EVO platforms, after reboot or power cycle, aggregated ethernet (AE) interfaces will have spanning tree protocol (STP) state discarding after the box comes up. It might cause traffic drop on the interface.
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX
1625292	Junos OS: Specific packets over VXLAN cause FPC reset (CVE-2022-22171) Product-Group=junos	An Improper Check for Unusual or Exceptional Conditions vulnerability in the Packet Forwarding Engine (PFE) of Juniper Networks Junos OS allows an unauthenticated networked attacker to cause a Denial of Service (DoS) by sending specific packets over VXLAN which cause the PFE to reset. Refer to https://kb.juniper.net/JSA11277 for more information.
1627617	The line card might crash and reload if the EVPN MAC entry is not deleted correctly Product-Group=junos	On all Junos and EVO platforms, the line card might crash and reload in an EVPN-MPLS scenario when there is a MAC move from local to remote and the request to delete MAC entry is received from remote. Core files are generated and complete traffic loss might be observed until the line card reloads.
1629678	The l2ald might be stuck in "issu state" when ISSU is aborted Product-Group=junos	On all Junos platforms, when Unified In-service Software Upgrade (ISSU) is aborted, Layer 2 Address Learning Daemon (l2ald) may not be able to read 'issu abort' notification and l2ald might be stuck in 'issu state' and l2ald will not process new events while in 'issu state'.
PR Number	Synopsis	Category: MX104 Software - Chassis Daemon
1626486	The chassisd might crash on MX104 Product-Group=junos	On the MX104 platform, when 'Invalid Chassis Model' occurs in the chassisd daemon, the chassisd might crash which might lead to interfaces down and automatic recovery. The fix is to solve avoid this chassisd core during 'Invalid Chassis Model' scenario.
PR Number	Synopsis	Category: Odin Timing software
1632761	ACX710 running G.8275.2 stuck at PTP Acquiring state if the connection is through some timing unaware nodes Product-Group=junos	On the ACX710 platform, in Precision Time Protocol (PTP) with G.8275.2 profile scenario where topology has some intermediate non-PTP aware nodes, the clock might be stuck in ACQUIRING state.
PR Number	Synopsis	Category: OS IPv4/ARP/ICMPv4

1643110	JDI-PDT:ENT:CnB: ksyncd core seen when l2cpd and l2-learning daemons are restarted. Product-Group=junos	When the l2cpd and l2-learning daemons are restarted manually or due to some other trigger, you might notice a live vmcore being generated on the master routing engine and a live vmcore and ksyncd core generated on the backup routing engine. These cores are intentionally generated for debugging when replication error occurs on the backup routing engine. You will not face any traffic impact due to this and the backup routing engine will recover automatically to a stable state and will function normally. The issue will not repeat without another trigger. This issue is inconsistent and might not occur in your setup. No workaround is known hence not shared.
PR Number	Synopsis	Category: FreeBSD Kernel Infrastructure
1568757	The image validation is not supported during upgrading from Pre 21.2 to 21.2 and onward Product-Group=junos	When upgrading from pre 21.2 to 21.2 and onward, validation and upgrade will fail. The upgrading requires using of 'no-validate' knob.
PR Number	Synopsis	Category: IPv6/ND/ICMPv6 issues
1631607	ipv6 host route prefix match disappear from 'forwarding-table' after a ping test, ping continues to work, forwarding table entry is not shown. No impact in traffic. Product-Group=junos	IPv6 route resolutions for ipv6 hosts is missing from the 'route forwarding-table' after pinging hosts within the ip prefix.
PR Number	Synopsis	Category: VRR (Virtual Route Reflector) for MX
1644806	Video console for vRR might not work after an upgrade Product-Group=junos	Video console (ttyv0) for vRR might not work when upgraded from legacy Junos (using FreeBSD 6.X) to Junos with upgraded FreeBSD (FreeBSD 10 and later). Serial console (ttyd0 or ttyu0) works without any issues. The fix is to enable both serial (comconsole) and video (vidconsole) consoles on vRR using upgraded FreeBSD.
PR Number	Synopsis	Category: QFX EVPN / VxLAN
1624925	QFX5K log messages: fpc0 SRIRAM Tx VxLAN Ucast: ifd_out = vtep dst_gport is (c00000X) so do not process pkt further Product-Group=junos	Log messages "fpc0 SRIRAM Tx VxLAN Ucast: ifd_out = vtep dst_gport is (c00000X) so do not process pkt further" can show up on QFX5K switches (where X = different values). These are harmless messages.
1644152	Packets are dropped in ingress QFX5K with EVPN-LAG multihoming due to VP-LAG programming issue Product-Group=junos	In multihoming EVPN-VXLAN environment with QFX5K series platforms (QFX5110/5120/5200/5210/5220) working as PE devices, packets to some destinations might be dropped in ingress PE, due to a VP-LAG (Virtual Port LAG) programming issue in PFE (Packet Forwarding Engine) in specific cases.
PR Number	Synopsis	Category: QFX5100 Platform optics
1606003	QFX5100 : Generate an optical power after detached and attached QSFP on disabled interface. Product-Group=junos	On QFX5100, optical power is seen after detached and attached QSFP on disable interface.
PR Number	Synopsis	Category: QFX5200/5110/5120/5210 Interface

1605037	The carrier transition counter might not get incremented upon link flap after the reboot Product-Group=junos	On all QFX platforms supporting auto-channelization, after reboot the carrier transition counter does not increment upon link flap.
1616692	The BFD session might flap on the QFX5120-48YM platform Product-Group=junos	On the QFX5120-48YM platform if BFD with minimum-interval less than 1000ms is configured, when rebooting the device after an SFP is removed, and then inserting the SFP back, the BFD session might flap.
1629231	Some ports (port 20 and above) on QFX5110-32Q VC may not come up after a device restart or PFE reboot Product-Group=junos	On QFX5110-32Q virtual chassis, the port number 20 and above, map to the same PHY in sets of 3, like below: a) 20, 21 & 28 b) 22, 23 & 29 c) 24, 25 & 30 d) 26, 27 & 31 For any port in - 28, 29, 30, 31, if it has a 40G optic and is converted to VC port, then one of the ports in its group (a, b, c, or d above) will not come up randomly after a device restart or PFE reboot.
PR Number	Synopsis	Category: QFX5200/5110/5120/5210 Platform optics related issues
1614139	Removing the optical module "JNP-SFPP-10GE-T" from a port may cause certain ports to go down Product-Group=junos	On the QFX5120/EX4650 platforms, if the port speed for a port group using the optical module "JNP-SFPP-10GE-T" is configured as 1G, removing the optic from any port in the port group may cause the rest ports in the same group to go down.
PR Number	Synopsis	Category: RPD route tables, resolver, routing instances, static routes
1629437	The contributing routes might not be advertised properly if "from aggregate-contributor" is used Product-Group=junos	On all Junos OS and Junos OS Evolved platforms, if a aggregate route is configured under routing-options, and if "from aggregate-contributor" is used for many contributing routes (e.g. more than 250-300 routes), the policy for these contributing routes might not work properly when the policy is exported. Due to this issue, the contributing routes might not be advertised properly.
PR Number	Synopsis	Category: Resource Reservation Protocol
1638145	LSP over broadcast segment stays down when RSVP setup protection is enabled Product-Group=junos	When RSVP setup protection is enabled, the LSP over a broadcast segment might stay down, due to a missing function of nexthop check for broadcast segment in code.
PR Number	Synopsis	Category: SW PRs for SCBE3 fabric
1606296	Fabric error might be seen when MPC10E to MPC2/MPC3/MPC4/MPC5/MPC6 based FPC fabric traffic is congested Product-Group=junos	On the MX240/480/960 system with both MPC10E and MPC2/MPC3/MPC4/MPC5/MPC6 based FPCs are installed, when MPC10E sends high traffic to MPC4E or other mentioned cards as the destination, the destination line card will not be able to cope up with MPC10E traffic flow.
PR Number	Synopsis	Category: Stout cards (MPC7, MPC8, MPC9) microkernel issues
1539779	MX2K-MPC7/8/9 Default threshold for single-bit correctable ECC errors on Stout PMB DDR memory increased from 1 to 10 before declaring a minor alarm. Product-Group=junos	The threshold for declaring a minor alarm was changed to 10 correctable ECC errors per 24 hours due to excessive RMA's.
PR Number	Synopsis	Category: SRX-1RU platform related protocol, QoS, filtering features et

1630990	The srxpfe process might crash on SRX4600 Product-Group=junosvae	On SRX4600, a corruption in memory buffer (m_buf) might lead to srxpfe crash. Core files are generated and hardware monitoring failures might be observed when the process crashes.
PR Number	Synopsis	Category: ZT/YTpfe bridging, learning, stp, oam, irb software
1606967	'WO-0: OGE0 dequeue watermark hit' may seen with L2 related configuration and receiving jumbo-frame packets. Product-Group=junos	'WO-0: OGE0 dequeue watermark hit' may seen with L2 related configuration and receiving jumbo-frame packets. It may happen under traffic packet size being more than about 3kbyte. Repeating this error will cause 'ZTCHIP_MQSS_CMERROR_WO_INT_REG_PKT_ERR' Major alarm. Since this Major alarm default reaction is 'disable-pfe', in the worst case, related interfaces will be down and affected user traffic.
1638489	Interoperability issue between legacy line cards and MPC10E/11E may cause incorrect load balancing over aggregate ethernet links Product-Group=junos	On MX platforms, due to a software defect seen in interoperability scenarios on newer AFT-based MX cards (MPC10E and MPC11E), packets entering through legacy(non-AFT) card interfaces and exiting through AE interfaces via IRB may get incorrectly load balanced.
PR Number	Synopsis	Category: Trio pfe bridging, learning, stp, oam, irb software
1611816	CFM neighbor adjacency will be failed on the AE member interface of MPC10/MPC11 Product-Group=junos	In 802.1ag Ethernet OAM Connectivity Fault Management (CFM) with MPC10/11 scenario, DOWN maintenance association endpoint (DOWN-MEP) will be configured with lower maintenance-domain level for downstream service monitoring. In some cases, the CFM packets, such as continuity check message (CCM), might not be transited from the AE member interface of MPC10/11 due to some packet queue issue happens. Then the CFM neighbor adjacency might be failed since the related CFM packets will not be received by the peer router, the CFM functions and any service/traffic switching operations based on CFM might be impacted.
PR Number	Synopsis	Category: UI Infrastructure - mgd, DAX API, DDL/ODL
1572228	The system archival might not work inside routing-instance Product-Group=junos	If the archival function is enabled with the statement "routing-instance" and transfer mode is set as SFTP/SCP for archive-sites, it may not work and fail to transfer the files.
1630315	error: ddop_make_entry: couldn't allocate, configuration database size limit exceeded Product-Group=junos	Please use "load update" instead of "load override" to prevent the error messages
PR Number	Synopsis	Category: VMHOST platforms software
1524791	The BGP neighbor flaps during the primary NG-RE reboot, although GRES or NSR is enabled Product-Group=junos	On MX platforms with GRES/NSR is enabled, BGP neighbor flaps during master NG-RE reboot. GRES/NSR works with RE switchover "request chassis routing-engine master switch" CLI but is not supported in the case of RE reboot. Reboot command is being treated as connection close requested to TCP. TCP is sending FIN to the peer, hence TCP based BGP sessions get flapped. This is a product limitation.
PR Number	Synopsis	Category: Virtual Router Redundancy Protocol
1635351	VRRP route tracking for routes in VRF might not work if "chained-composite-next-hop ingress l3vpn" is used Product-Group=junos	In L3VPN scenario with configured "routing-options forwarding-table chained-composite-next-hop ingress l3vpn" knob, if VRRP route tracking is used to track routes inside a VRF, and if such routes are with composite next hop, they might be marked as down even they are present in the VRF, hence the VRRP route tracking might not work properly.

1637735	"show vrrp extensive" doesn't show the next IFL "Interface VRRP PDU statistics" Product-Group=junos	"show vrrp extensive" only shows "Interface VRRP PDU statistics" for the first IFL. labroot@jtac-MX80-r113# run show vrrp extensive Interface: ae0.1025, Interface index :328, Groups: 1, Active :1 Interface VRRP PDU statistics Advertisement sent :6 Advertisement received :4649 Packets received :4649 No group match received :0 Interface VRRP PDU error statistics Invalid IPAH next type received :0 Invalid VRRP TTL value received :0 Invalid VRRP version received :0 Invalid VRRP PDU type received :0 Invalid VRRP authentication type received:0 Invalid VRRP IP count received :0 Invalid VRRP checksum received :0 Physical interface: ae0, Unit: 1025, Vlan-id: 1025, Address: 172.16.0.3/24 Index: 328, SNMP ifIndex: 719, VRRP-Traps: disabled, VRRP-Version: 2 Interface state: up, Group: 1, State: backup, VRRP Mode: Active Priority: 100, Advertisement interval: 1, Authentication type: none Advertisement threshold: 3, Computed send rate: 0 Preempt: yes, Accept-data mode: no, VIP count: 1, VIP: 172.16.0.1 Dead timer: 3.208s, Master priority: 105, Master router: 172.16.0.2 Virtual router uptime: 01:08:09 Preferred: yes Tracking: disabled Group VRRP PDU statistics Advertisement sent :6 Advertisement received :4649 Group VRRP PDU error statistics Bad authentication Type received :0 Bad password received :0 Bad MD5 digest received :0 Bad advertisement timer received :0 Bad VIP count received :0 Bad VIPADDR received :0 Group state transition statistics Idle to master transitions :0 Idle to backup transitions :1 Backup to master transitions :1 Master to backup transitions :1 Interface: ae0.1026, Interface index :329, Groups: 1, Active :1 <-----No "Interface VRRP PDU statistics" Interface VRRP PDU statistics Advertisement sent :6 Advertisement received :4662 Packets received :4662 No group match received :0 Interface VRRP PDU error statistics Invalid IPAH next type received :0 Invalid VRRP TTL value received :0 Invalid VRRP version received :0 Invalid VRRP PDU type received :0 Invalid VRRP authentication type received:0 Invalid VRRP IP count received :0 Invalid VRRP checksum received :0
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