

22.1R3-S5: Software Release Notification for JUNOS Software Version 22.1R3-S5

Alert Description

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Solution

Junos Software service Release version 22.1R3-S5 is now available.

22.1R3-S5 - List of Fixed issues

PR Number	Synopsis	Category: EX2300/3400 PFE
1766314	Memory leak is observed when dot1x authentication is used Product-Group=junos	On EX and QFX5K series platforms, in scenarios where CWA (Central Web Authentication) or Captive Portal are used as the second level of authentication after MAC is authenticated as part of dot1x, memory is leaked in PFE for every http request received at the switch before second level of authentication. When the heap memory utilization crosses 80 percent, a crash is observed and the PFE is restarted with the subsequent impact on the traffic.
PR Number	Synopsis	Category: EX2300/3400 platform
1774760	RE switchover observed in SRX5K platforms when ethernet switchports failure scenario on SCB Product-Group=junos	On SRX5K platforms when all ethernet switch ports on Switch Control Board(SCB) fail, it triggers the Routing Engine (RE) switch over and RE0 is stuck in "Disabled" state. As RE0 is disabled and RE1 does have the functionality to coordinate chassis. No PIC will turn up which were failed and triggered the failover and traffic impact will be there for those particular ports and the complete service impact will be there if RE1 had any issue when RE0 is in disable state. RE0 did not recover by its own from the disabled state until manual reboot is done.
PR	Synopsis	Category: MX YT-ZF Linecards Fabric Software

Number		Category
1689523	Ungraceful FPC reboot causes drain timeouts in adjacent FPCs and fails to restore traffic Product-Group=junos	On MX10004 and MX10008 platforms with LC9600, if a Flexible PIC Concentrator (FPC)(LC9600) reboots ungracefully, it results in peer LC9600 FPCs (residing on the same chassis) sending heavy fabric traffic to the failing FPC to have fabric streams stuck in drain timeout. Both ungraceful FPC reboot and heavy fabric traffic to the failing FPC lead to the issue.
PR Number	Synopsis	Category: a20a40 specific issue
1663839	Syslog message CHASSISD_IPC_WRITE_ERR_NULL_ARGS are observed at commit Product-Group=junos	Syslog message CHASSISD_IPC_WRITE_ERR_NULL_ARGS is observed at commit on SRX5K platforms. This is caused by unsupported chassis component connection on SRX5K platforms during commit checks. This syslog message is informational only for SRX5K, and was removed.
1775880	A flowd crash is observed if CP receives the packets due to some hardware memory issue Product-Group=junos	On SRX5K platforms with SPC3 and SPC2 cards, flowd crash will be observed if CP (Central Point) receives the packets due to some hardware memory issue either on IOC (I/O card) or SPC (Services Processing Card) which requires session lookup.
PR Number	Synopsis	Category: PFE issue for flowd on australia SPU
1727027	The datapath-debug packet-dump feature is not capturing the transit traffic packets Product-Group=junos	On SRX5000 platforms with IOC3 card (SRX5K-MPC3-100G10G and SRX5K-MPC3-40G10G), datapath-debug packet-dump will stop capturing the transit traffic packets when datapath-debug packet filters with packet-dump are targeting the traffic on the interface which is configured with firewall filters.
PR Number	Synopsis	Category: srx5k service offloading related PR
1702138	TCP packet drops are seen when services-offload is enabled Product-Group=junos	On Junos SRX5400, SRX5600, SRX5800 and SRX4600 Platforms, packet drops may be observed while services-offload is enabled.
PR Number	Synopsis	Category: Bi Directional Forwarding Detection (BFD)
1698373	A few BFD sessions might flap after FPC reload and stabilization Product-Group=junos	On all Junos platforms and Junos Evolved with scaled BFD sessions, FPC reload/restart results in few BFD session flap.
PR Number	Synopsis	Category: Border Gateway Protocol
1754935	BGP multipath route is not correctly applied after changing the IGP metric Product-Group=junos	On all Junos and Junos Evolved platforms, multipath route is not correctly applied due to this Equal-cost multi-path (ECMP) will not be formed, when Border Gateway Protocol (BGP) multipath is configured and the Interior Gateway Protocol (IGP) metric of a network is

modified and subsequently reverted.

1760885	The BGP LU labels can have next-hops pointing to each other in multi-homed PE setup Product-Group=junos	On all Junos and Junos Evolved platforms the routes received by two multi-homed PE (Provider Edge) routers in the 'inet-unicast' family are advertised in the BGP (Border Gateway Protocol) LU (Labeled Unicast) family to each other. This issue happens when there is no rib.inet3 configured under the address family labeled unicast which causes the routes from 'inet-unicast' and 'inet-labeled-unicast' tables to get mixed. There will be a traffic impact when this issue is encountered.
1775548	The rpd crash can be seen with a scaled BGP sharding setup Product-Group=junos	On all Junos and Junos OS Evolved platforms the rpd (Routing Protocol Daemon) crash can be seen in scaled setup. The issue will be seen in the BGP (Border Gateway Protocol) RIB (Routing Information Base) sharding scenario. This issue is very unlikely to be encountered.
1779533	RPD crash is observed on Junos and Junos Evolved platforms in Route reflector scenario Product-Group=junos	On all Junos and Junos Evolved platforms, RPD (Routing Protocol Daemon) crash can be seen in BGP-multipath scenario if it has more than 512 routes. The RPD crash will cause a traffic drop but the system will self-recover.
PR Number	Synopsis	Category: BBE Remote Access Server
1740912	Subscribers sessions are logged out after performing GRES Product-Group=junos	On MX platforms with subscriber management scenario, subscribers sessions are logged out in the backup Routing Engine (RE) after performing Graceful Routing Engine Switchover (GRES) .
PR Number	Synopsis	Category: Chotu platform software
1774558	"FI: Cell underflow at the state stage" and "FI: Reorder cell timeout" error is seen impacting forwarding traffic on all MX platforms Product-Group=junos	On all MX platforms with MPC9E line card and Packet forwarding Engine (PFE) Application-Specific Integrated Circuits (ASIC) based fabric, if image upgrade is performed then FPC reports "Cell underflow at the state stage" and "reorder cell timeout" messages and live forwarding traffic will be dropped as due to some internal scenarios 200G idles are getting programmed instead of 400G on Switch Processor Mezzanine Board (SPMB).
PR Number	Synopsis	Category: Class of Service
1719028	The cosd process crash might be seen on all Junos platforms Product-Group=junos	On all Junos platforms when the number of supported queues exceeds above 12, the cosd (Class of Service Daemon) process crash will be seen in an extremely rare scenario.
1779004	cosd process may cause high CPU utilization due to continuous polling of 'rbeb' psuedo interface via SNMP. Product-Group=junos	cosd process may cause high CPU utilization due to continuous SNMP polling of 'rbeb' psuedo interface via JnxCosMib.

PR Number	Synopsis	Category: Enhanced Broadband Edge support for cos
1769800	The traffic shaping rate gets impacted in a subscriber scenario on Junos MX BBE platforms Product-Group=junos	The traffic shaping rate gets impacted on Junos MX BBE (Broadband Edge) platforms configured with COS (Class Of Service) and when TLV (Type, Length, and Value)#98 is configured on the external OLT (Optical Line Terminal) (which is most likely a default on the OLT in case PON (Passive Optical Network) TLV are activated) for PPPoE-IA (Point-to-Point Protocol over Ethernet) IFLset (interface-set) of the IFD (Interface Device) which allows a single subscriber to limit the throughput of the entire interface.
PR Number	Synopsis	Category: QFX Access Control related
1778056	Core dumps for pfex and dot1x seen due to dot1x authentication Product-Group=junos	On all Junos platforms, core dumps for Pfex and dot1x will be seen, when dot1x is authenticated. It is a scenario of basic authentication where EAP (Extensible Authentication Protocol) packets are being received from the client.
PR Number	Synopsis	Category: QFX Control Plane VXLAN
1758783	Traffic is black-holed on QFX5K platforms in EVPN-VXLAN scenario Product-Group=junos	On Junos and Junos Evolved QFX5K platforms, under certain circumstances, the l2ald does not update Virtual Tunnel Endpoint (VTEP) ifl tokens in the kernel which passes them on to Packet forwarding engine (PFE). These tokens are used to create Virtual Port Link Aggregation (VPLAG) next hops in these platforms. Without them, Media Access Control (MAC) routes are incomplete or not created, leading to traffic drop.
PR Number	Synopsis	Category: Device Configuration Daemon
1757801	High memory utilization is observed on all Junos platforms Product-Group=junos	On all Junos platforms, the device control daemon (dcd) consumes some memory when a new configuration related to any protocol is added and it is not freeing up the memory. This resulted in a high dcd memory utilization.
1757936	Services using the management interface will be affected on all Junos platforms Product-Group=junos	On all Junos platforms, the default management IFL (unit 0) and IFF (ethernet-switching/vpls) will not be created when management IFL (Logical Interface) is configured to get address from DHCP and when user provided management IFL configuration is deleted.
PR Number	Synopsis	Category: Firewall Filter
1714988	The Firewall filter with syslog action will not work when applied on the ingress of a loopback interface Product-Group=junos	The firewall filter with syslog action on lo0 does not work as expected due to which logs are not seen on the log file.

PR Number	Synopsis	Category: CoS support on DNX
1732509	The IPv4 classification and EXP remarking might not work as expected in the IP-MPLS scenario Product-Group=junos	On Junos ACX710 and AX5448, Multi-protocol label switching Experimental (MPLS EXP) marking will not work as expected with IPv4 traffic which causes the traffic to be wrongly classified.
PR Number	Synopsis	Category: ACX IFL, IFF creation
1764083	Interface flaps leading to PFE crash due to FPC heap corruption Product-Group=junos	On Junos OS ACX5448 platform, frequent interface flaps will lead to the PFE (Packet Forwarding Engine) crash. This issue is seen because two threads simultaneously access the same memory location.
PR Number	Synopsis	Category: DNX VPLS
1692400	dc-pfe: HEAP malloc(0) detected! when a VPLS instance is deactivated in ACX5048. Product-Group=junos	dc-pfe: HEAP malloc(0) detected! when a VPLS instance is deactivated in ACX5048. This are informational messages and the fix of this PR hides the messages from console output.
PR Number	Synopsis	Category: EVO Class of Services
1766873	Duplicate code points through code-point-aliases under a classifier results in cosd crash Product-Group=junos	On all Junos Evolved platforms, the class-of-service (COS) commit validation is missing for classifier when using code-point-aliases. Configuring duplicate code-point-aliases and using them in a classifier will result in the cosd crash. The system can be recovered by correcting the config and applying the "restart class-of-service" command.
PR Number	Synopsis	Category: EVO L2 Control Plane PRs
1749191	Some of the MAC addresses are not learned in EVPN-VXLAN scenario Product-Group=junos	On all Junos and Junos Evolved platforms configured with EVPN-VXLAN (Ethernet Virtual Private Network-Virtual Extensible Local Area Network) when network events such as interface flap/BFD (Bidirectional Forwarding Detection) flap etc. leads to overlay BGP (Border Gateway Protocol) / EVPN flap and results in VTEPs (VXLAN Tunnel Endpoint), IFLs (Logical Interface), IFFs (Interface Family) and IFBDs (Interface Family Bridge Domain) corresponding to remote MH (Multi Home) peers to be deleted and causes new ones to be recreated, it is observed that even though MAC address is received it is not being programmed which results in missing entries of MAC addresses in the MAC table.
PR Number	Synopsis	Category: mgd, ddl, odl infra issues
1752374	Subsequent commits hang will be seen, when transfer-on-commit fails	On all Junos Evolved platforms, When transfer-on-commit is configured and it fails as the destination is

Product-Group=junos

unreachable or invalid, commit lock taken by automatic rollback commit is not released. Due to this, subsequent commits result in a hung state.

PR Number	Synopsis	Category: EVPN control plane issues
1673157	The rpd crash would be observed when activating or deactivating the EVPN routing-instances Product-Group=junos	On all Junos Evolved platforms with Ethernet VPN (EVPN) enabled, when EVPN or other routing-instances are activated or deactivated, the rpd crash will be triggered. It will impact the traffic and it is a very rare case.
1718534	L2ALD core at l2ald_vxlan_ifl_create_msg_build Product-Group=junos	During network churn(or during provision- when RVTEP are being discovered/created, network events), it is possible to l2ald cores @ l2ald_vxlan_ifl_create_msg_build.
1761852	The rpd can crash on all Junos platforms in Seamless DCI scenario Product-Group=junos	On all Junos platforms, a crash can be seen for the rpd (routing process daemon) in EVPN (Ethernet Virtual Private Network) seamless DCI (Data Center Interconnect) scenario when the 'evpn interconnect' and the BD (Bridge Domain) configuration are deleted in the same commit. There will be traffic loss when the rpd crashes but the system will self-recover.
PR Number	Synopsis	Category: EVPN Layer-2 Forwarding
1700196	Traffic drop would be observed due to the VTEP tunnels not being established in the EVPN-VxLAN scenario Product-Group=junos	On Junos and Junos Evolved QFX platforms, in the Ethernet Virtual Private Network-Virtual extensible LAN (EVPN-VxLAN) scenario Virtual Tunnel End Point (VTEP) tunnels are not established due to the timing of events and show up as next-hop set to zero which causes the traffic loss. It is a rare case and this issue will be observed in a scaling scenario or multiple mac-vrf routing-instances.
1718165	ARP learning issues are observed post-execution of the CLI command 'clear bridge mac-table' or 'clear ethernet-switching table' in the EVPN-MPLS over IRB environment Product-Group=junos	On all Junos and Junos Evolved platforms, L3 (Layer 3) traffic will be impacted when ARP (Address Resolution Protocol) entries get deleted for the MAC (Media Access Control) address having a bad state post execution of the CLI 'clear bridge mac-table' or 'clear ethernet-switching table' command in the EVPN-MPLS (Ethernet VPN - Multiprotocol Label Switching) over IRB (Integrated routing and bridging) environment.
1758677	MAC addresses programming failure resulting in traffic flooding Product-Group=junos	Issue 1: On QFX5K and EX platforms in the VXLAN (Virtual Extensible LAN) environment, traffic flooding will be observed for MAC addresses not getting programmed in the hardware with VPLAG (Virtual Chassis Port Link Aggregation) configured and BGP (Border Gateway Protocol) flaps. This issue happens when hardware programming by L2ALM to PFE fails, and during re-sync, SVLBNH (shared VXLAN load balancing next hop) info is not sent to PFE/hardware. Issue 2: On all Junos and Junos Evolved platforms, l2alm sends a delete request for control MAC addresses to l2ald after

multiple hardware sync failures.

1773734	Traffic flooding is observed due to MAC-IP deletion by l2alm in the EVPN-VXLAN / EVPN-MPLS environment Product-Group=junos	On Junos and Junos Evolved platforms, in the EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) / EVPN-MPLS (Ethernet VPN-Multiprotocol Label Switching) environment when l2alm (Layer 2 Address Learning Manager) deletes the MAC-IP (Media Access Control - Internet Protocol Address) entry but doesn't re-add the MAC-IP entry right away leads to traffic flooding i.e. might result in congestion, packet looping, and packet drops.
PR Number	Synopsis	Category: EX4100 PFE
1744190	Virtual Chassis formation will not happen automatically on all EX platforms except EX4400 after zeroize Product-Group=junos	Virtual Chassis members are not forming Virtual Chassis on all EX platforms except EX4400 due to cross connection of VC links in specific ring topology setup after zeroize. Each device will function as standalone.
1770448	[EX46/QFX5K]MTU Errors are counted when receiving packets up to 4 bytes in MTU Product-Group=junos	When receiving packets from MTU + 1 bytes to MTU + 4 bytes on L2 interfaces, packets is transmitted. but MTU errors are counted
PR Number	Synopsis	Category: EX4100 RE, Platform Infra, Drivers
1747277	Soft OIR of the link connected to 10GBASE-T SFP will not update the link state at the other end Product-Group=junos	On EX4400, EX4100, and QFX5120-48Y platforms, soft Online Insertion and Removal (OIR) of the link connected to 10GBASE-T Small Form-Factor Pluggable (SFP) will not disable the transmission on JNP-SFPP-10GE-T transceiver and the link state of the other end will not be updated. False link state could lead to service impact.
PR Number	Synopsis	Category: EX4400 PFE software
1757160	Multicast traffic will be dropped when IGMP-snooping with bpdu-block-on-edge is configured Product-Group=junos	On Junos EX Platforms, multicast traffic will be dropped when devices are connected to two different Virtual Chassis (VC) members and Internet Group Management Protocol (IGMP) snooping with bpdu-block-on-edge is configured.
1759821	The configuration was not applied correctly to set the transmit-rate to the same speed as the interface speed Product-Group=junos	On 1G port if tx rate is applied with 4m(Q0) + 996m (Q1). Config is failed in COSD with the following log and not get pushed to PFE. COSD_TX_QUEUE_RATES_TOO_HIGH: cos_validate_scheduler_shaper_conflict:820 : Unable to apply scheduler map CPE-Transmit-VPN1G-normal-only to interface ge-x/x/x: sum of scheduler transmission rates exceeds interface shaping or transmission rate
1764085	LLDP neighborship is not forming in non-master members Product-Group=junos	On Junos QFX and EX platforms, with EVPN VXLAN configured in VC topology, LLDP BPDUs are sent tagged out of remote FPC ports which are member of VXLAN enabled VLAN.

1771111	EX4100/4400 : Error message 'COS default: IEEE 802.1ad defaults not specified' upon commit operation. Product-Group=junos	On EX4100 and EX4400 series switch, error message 'COS default: IEEE 802.1ad defaults not specified' might be observed on commit operation.
1771222	Dynamic VLAN change on one port is affecting forwarding plane traffic on other ports to which no changes were done Product-Group=junos	On QFX, EX4100, EX4400, EX2300 and EX3400 platforms, if dot1x+ Virtual Extensible LANs (VXLAN) is enabled, when dynamic VLAN configuration in the radius server is changed and restored for one port, forwarding plane traffic would be affected on other ports to which no changes were done.
PR Number	Synopsis	Category: EX4400 platform
1682097	Beacon led is not working on EX tvp platforms. Product-Group=junos	All beacon LEDs on the specified FPC does not turn on after a request command.
1714116	EX4400 Link/Activity LED is not lit when it transits to the factory default configuration by pressing the Factory Reset/Mode button Product-Group=junos	Press the Factory Reset/Mode button on the far right side of the front panel for 10 seconds. EX4400 transitions into factory-default configuration and the Link/Activity LEDs on the network ports and the QSFP28 ports should be lit steadily in green color but were off.
1737500	On EX4400, request system halt/power-off doesn't turn off FAN LED's Product-Group=junos	On EX4400, request system halt/power off CLI doesnt turn off rear FAN LEDs.
1742114	Basic VLAN configuration on EX2300-24MP / EX2300-48MP / EX4400-24MP / EX4400-48MP is missing from factory default configuration Product-Group=junos	On EX2300 and EX4400, on CLI "load factory-default", config loaded does not have VLAN configuration. This is present in the factory default config loaded after zeroize.
1754548	EX4400 Virtual Chassis has boot-up issues Product-Group=junos	EX4400 could be stuck during boot, when one end of the twisted pair cable is connected to the primary console port and the other end is left unconnected/dangling.
1754931	The transceiver fails to get detected after the system reboot Product-Group=junos	On certain EX platforms, when the device is rebooted, transceivers will not be detected. Failing to detect the transceiver results in no IFD.
1759351	EX4400:PSM is not detected in "show chassis hardware" until AC feed is connected to it Product-Group=junos	The Power Entry Module (PEM) after insertion will not be detected/displayed in the show chassis hardware CLI output , until the power feed is connected .
PR Number	Synopsis	Category: PFE EVPN / VxLAN related issues on EX platforms
1746998	VLAN traffic received over VTEP is being dropped Product-Group=junos	On Junos VC (EX and QFX) platforms, packets coming on VTEP (VXLAN tunnel endpoint) from the core are not sent out when restarting of VC with VxLAN configuration.
1774202	The DHCP client will not be able to get the IP address Product-Group=junos	On Junos EX4300MP platforms, in the Virtual Extensible LAN Layer 3 Gateway (VXLAN L3GW) environment with Dynamic Host Configuration Protocol (DHCP) security configured, the offer packets going towards client-

		facing interfaces are coming out with an additional vlan tag due to which DHCP bindings will not work.
1776539	VXLAN traffic from remote VTEP with GBP Extension flag is dropped on all Junos EX4400 and QFX5120 platforms Product-Group=junos	VXLAN (Virtual Extensible Local Area Network) encapsulated packets with G-bit set, received from remote VTEP (Virtual Tunnel End Point) are dropped on all Junos EX4400 and QFX5120 platforms. VXLAN traffic is getting dropped when it is received from remote VTEP with GBP (Group Based Policy) Extension flag.
PR Number	Synopsis	Category: EX Entry Level Access VC platform
1740064	The interface speed is not updated during reboot on Junos EX platforms Product-Group=junos	
PR Number	Synopsis	Category: Express PFE L2 fwding Features
1738197	Blackholing of l3-inject traffic on QFX10K platforms Product-Group=junos	On Junos QFX10K platforms, because of any hardware (HW) or chassis management (CM) issue there will be Trinity Offload Engine (TOE) cmerrors. Some cmerrors are classified as MAJOR and the default action for these errors is cmalarm but it will halt the Packet Forwarding Engine (PFE) TOE HW. Due to which PFE is not able to forwards packets to the Application-Specific Integrated Circuit (ASIC) even though it is active and can forward packets.
1739258	The ksyncd process crash would be seen on backup RE Product-Group=junos	On QFX10008 and QFX10016 platforms with IRB(Integrated Routing and Bridging), EVPN-VxLAN(Ethernet VPN-Virtual Extensible LAN) and enhanced-arp feature enabled, high availability will be impacted as backup RE(Routing Engine) will remain down due to ksyncd (kernel synchronization process) failure. In case of switchover, if backup become the new master, then traffic drop will happen.
1770678	Incorrect IFL value resulting in the PFE crash Product-Group=junos	On Junos QFX10K platforms, the PFE crash is observed resulting in traffic loss due to an incorrect IFL (Logical Interface) value while static MAC address programming.
1771879	The IP packet of L2 Unicast MAC and L3 undirected broadcast IP (255.255.255.255) is dropped when sent over an IRB interface Product-Group=junos	On certain Junos QFX platforms, when an IP packet with L2 Unicast destination MAC and L3 undirected broadcast destination IP is received on an IRB (Integrated Routing and Bridging) interface, then the packet is dropped.
PR Number	Synopsis	Category: SRX4100/SRX4200 platform software
1626562	A major alarm DPDK (data plane development kit) Tx stuck issue of SRX4100/4200 Product-Group=junosvae	On the SRX4100 and SRX4200 platforms, it can detect DPDK (data plane development kit) Tx stuck issue and trigger a major chassis alarm goes which might trigger RG1 failover to the healthy node. A DPDK reset will be triggered only to the stuck port and if the reset resolves the tx stuck issue, the major chassis alarm will go off.

1761668	False SNMP traps for power supply unit failure generated on SRX4100 and SRX4200 platforms Product-Group=junosvae	On SRX4100/SRX4200 platforms, false SNMP traps for power supply unit failure generated as instability with the transmission in the hardware.
PR Number	Synopsis	Category: track re issu control procedure bugs
1740744	ISSU doesn't break if INDB crashes Product-Group=junos	On Junos platforms, when ISSU (in-service software upgrade) is initiated, a process called INDB (Incompatible Database) will be triggered to perform a pre-check on database compatibility. There could be some corner case that causes the INDB crash. If that happens, the ISSU should be aborted.
PR Number	Synopsis	Category: jdhcpd daemon
1747800	Name-server resolution failure may be seen intermittently after zeroize or loading factory default config Product-Group=junos	On all Junos platforms, name-server resolution failure may be seen intermittently after zeroize or loading factory default config.
PR Number	Synopsis	Category: Flow Module
1755181	Traffic loss is observed for the existing session if there is an update for the next-hop MAC address Product-Group=junos	On SRX5000 series and SRX4600, for flow sessions that are using Express Path (a.k.a. Service Offload), the next-hop MAC address is not updated for existing sessions, when the Address Resolution Protocol (ARP) table entry for the next-hop IP address changes, as a result, traffic is stalled for those existing sessions. This may for example occur on Virtual Router Redundancy Protocol (VRRP) failovers of directly connected routers if they do not use a virtual MAC address or server load balancers failing over the VIP to a new device with a different MAC address. Note that from Junos 21.2 onwards, Express Path is enabled by default.
1756972	CPU utilization calculation is inaccurate on vSRX platform Product-Group=junos	On vSRX platform, when PowerMode IPsec (PMI) is enabled, the CPU displays less utilization compared to the actual utilization value.
1758208	Buffer leak when PMI sends out packet on egress interface with MTU smaller than the packet length Product-Group=junos	On all SRX platforms, when the IPv4/IPv6 packet is larger than MTU of the interface, it leaks the memory buffer.
1761891	Multicast packets of specific size between 663 - 676 bytes getting dropped Product-Group=junos	On SRX platforms, due to the incorrect size of memory allocated in mbuf (Memory Buffer) multicast packets of specific sizes between 663 - 676 bytes get dropped resulting in multicast traffic impact.
1771176	The GTPv2 create session response packets will get dropped Product-Group=junos	On all SRX5K platforms, the source port of the the create session response packet of the General Packet Radio Switching (GPRS) Tunneling Protocol (GTP) version 2 will be changed to as same as the destination port and will be denied by the policy resulting in create session

		response packets getting dropped.
1776480	The nsd process goes high on primary device when the Tenant System is configured Product-Group=junos	On SRX 1500, SRX4K , SRX5K series platforms and vSRX, the nsd process will remain high on primary device after the reboot of the device or power outage or RGO failover (in chassis cluster scenario) if Tenant Systems are configured. This can lead to traffic loss and outages in the network.
1777565	Packet drops will be observed in GRE scenarios on SRX and vSRX platforms. Product-Group=junos	On SRX and vSRX platforms, when Generic Routing Encapsulation (GRE) tunnels are configured, packet drops will be observed when packets enter to a tunnel.
PR Number	Synopsis	Category: High Availability/NSRP/VRP
1540654	Both node0 and node1 moved into disabled state when Non-CP SPC3 card with control link failed Product-Group=junos	In case of single control link on (SRX5400, SX5600, SRX5800) chassis cluster setup, when HA control link goes down, both nodes go into disable state due to fabric link still UP.
1702763	The secure tunnel interface does not work properly in SRX standalone mode Product-Group=junos	On Junos SRX5400/5600/5800/4100/4200/4600/1500/vSRX3.0 platforms, when the secure tunnel interface (st0) st0.16000-st0.16385 is defined in standalone mode, st0.16000-st0.16385 does not work properly which leads to a traffic impact. From 20.4R1 onwards, st0.16000-st0.16385 is hardcoded to be added to a high-availability zone, so it will not work in other zones.
1726753	Traffic loss after RG1 failover Product-Group=junos	On vSRX3.0, after an Redundancy Group (RG1+) failover, packets may be sent from the SRX physical interface's MAC address instead of the Redundant Ethernet interface (reth's) virtual MAC which can result in traffic loss.
PR Number	Synopsis	Category: interfaces and zones for junos js software
1711729	The 'targeted-broadcast' feature will not work on some SRX platforms. Product-Group=junos	On SRX 1500, SRX4100, SRX4200 and SRX4600 based platforms running Junos, 'targeted-broadcast' feature will not work. As a result, features like wake-on LAN (WOL) which rely on targeted broadcast will be affected.
PR Number	Synopsis	Category: all logging related bugs on srx platforms
1631149	SRX5600/5800 - SNMP mib queries may result in occasional response timeouts Product-Group=junos	SRX5600/5800 - SNMP MIB queries for jnxJsSPUMonitoringMIB objects (1.3.6.1.4.1.2636.3.39.1.12.1.x) may result in occasional response timeouts
PR Number	Synopsis	Category: User Firewall related issues
1758332	Junos OS: SRX Series and EX Series: Multiple	A Missing Authentication for Critical Function

vulnerabilities in J-Web can be combined to allow a preAuth Remote Code Execution (CVE-2023-36851)
Product-Group=junos

vulnerability in Juniper Networks Junos OS on SRX Series and EX Series allows an unauthenticated, network-based attacker to cause limited impact to the file system integrity and access confidential information. Please refer to <https://supportportal.juniper.net/JSA72300> for more information.

PR Number	Synopsis	Category: IPSEC/IKE VPN
1765321	In chassis cluster setup after failover AAMW status will remain in the Requesting server certificate validation state on the new primary node Product-Group=junos	On all SRX platforms in a chassis cluster setup, when IKE negotiation is dependent on the certificates and because of any reason the Certificate Revocation List (CRL) download fails on the secondary node and failover happens, then on the new primary node Public Key Infrastructure daemon (pkid) will have certification validation issues and the Advanced Anti-Malware (AAMW) status for control plane will remain in 'Requesting server certificate validation' state, impacting Internet Key Exchange (IKE) negotiation and the Internet Protocol Security (IPsec) traffic.
1773276	IPsec tunnels will not be established due to memory leak Product-Group=junos	On all SRX platforms, due to a memory leak (304 bytes) happening with every Diffie-Hellman (DH) key exchange operation, after some time when QuickAssist (QAT) crypto memory hits the maximum capacity, then the Internet Protocol Security (IPSec)tunnels will fail to establish the connection with peers.
PR Number	Synopsis	Category: Security platform jweb support
1763260	Junos OS: SRX Series and EX Series: J-Web - unauthenticated access to temporary files containing sensitive information (CVE-2024-21619) Product-Group=junos	A Missing Authentication for Critical Function vulnerability combined with a Generation of Error Message Containing Sensitive Information vulnerability in J-Web of Juniper Networks Junos OS on SRX Series and EX Series allows an unauthenticated, network-based attacker to access sensitive system information. Please refer to https://supportportal.juniper.net/JSA76390 for more information.
1779376	Junos OS: SRX Series and EX Series: J-Web doesn't sufficiently sanitize input to prevent XSS (CVE-2024-21620) Product-Group=junos	An Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') vulnerability in J-Web of Juniper Networks Junos OS on SRX Series and EX Series allows an attacker to construct a URL that when visited by another user enables the attacker to execute commands with the target's permissions, including an administrator. Please refer to https://supportportal.juniper.net/JSA76390 for more information.
PR Number	Synopsis	Category: PFE infra to support jvision
1772266	PFE component of /interfaces/interface/subinterfaces/subinterface/state/ sensor may send data with frequency higher than requested by the collector	In a scale configuration, PFE component may send data for /interfaces/interface/subinterfaces/subinterface/state/ sensor with frequency higher than requested by the

Product-Group=junos

collector.

PR Number	Synopsis	Category: Key Management Daemon
1771009	All the IPSec tunnels impacted due the kmd daemon crash when old dynamic security association_configuration is present Product-Group=junos	On Junos MX80, MX240, MX480, MX960 platforms with Multiservices Modular Interfaces Card (MS-MIC), Multiservices Modular Port Concentrators (MS-MPC) service cards, in an issue where an old dynamic security association_configuration (sa_cfg) for a tunnel is present and trying to establish new sets of Internet Protocol Security Security Association (IPSec SAs) using a new Internet Key Exchange (IKE) SA established for the same remote device but with a different request. This can happen, if for some reason old sa_cfg is not cleaned (failed in clean-up). On crash, the Key Management Daemon (kmd) restarts but fails because of kernel instance mismatch present in the kernel database. So all the IPsec tunnels will be impacted.
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX
1707878	Mac entry not ageout in RTG in EX4600-VC after VCP port reconnect Product-Group=junos	EX4600 with Redundant Trunk Group (RTG) configured, after VCP port between members of EX4600 disconnect and connect again. Mac address entry created in RTG cannot ageout.
1757692	The ksyncd and vmcore core will be seen on backup RE when GRES is configured Product-Group=junos	This issue is seen on all Junos platforms when MAC-limit/storm-control feature is configured with action shutdown, and after interface shutdown action has taken effect. When the customer issues "clear ethernet-switching recovery-timeout" or interface recovery timeout expires and recovery time is configured via "set interfaces unit family ethernet-switching recovery-timeout ". After the interface recovers, if the customer configures GRES, the ksyncd and vmcore core will be seen on backup RE.
1776991	ARP resolution issues will be observed in the H-VPLS environment Product-Group=junos	On Junos and Junos Evolved platforms, traffic impact will be observed due to ARP (Address Resolution Protocol) resolution issues when multiple mesh-group is configured under the same routing-instance and the name of each mesh-group is not unique i.e. substring of another mesh-group in the H-VPLS (Hierarchical Virtual Private LAN Service) environment.
PR Number	Synopsis	Category: lacp protocol
1773702	MC-LAG will not work as expected on all platforms Product-Group=junos	On all Junos and Junos OS Evolved platforms, due to mis-wiring or unexpected design in MC-LAG topology, when all the Multi-Chassis Link Aggregation (MC-LAG) nodes including Customer Edge (CE) devices are rebooted at once, MC-LAG will not work as expected.
PR	Synopsis	Category: MPC11 ULC fabric software related issues.

Number		
1753374	MPC11E suddenly goes offline due to power failure causing multitude fabric stream drain failures on all other MPC11 Product-Group=junos	If you have 2 or more MPC11 cards installed and a full mesh traffic flow and one MPC11 suddenly goes offline due to power failure, the other MPC11E cards might report fabric drain failure and a reboot of the line cards is needed to recover.
1766674	Traffic blackholed due to hardware errors like FPC/SIB power fail or Fabric Link errors Product-Group=junos	On Junos MX platforms with MPC11E, LC9600 line cards, traffic is blackholed due to hardware errors.
PR Number	Synopsis	Category: Multicast Routing
1769782	The rpd crash is observed when mypn-mode is configured as "rpt-spt" and multicast snooping is enabled Product-Group=junos	On Junos OS Evolved platforms, when mypn-mode (Multicast Virtual Private Network) is configured as "rpt-spt" (Rendezvous-point tree - Shortest-path tree) and multicast snooping is enabled, the rpd crash is observed. The issue happens when the routing process tries to obtain the source address on processing the multicast <*,g> route.
1777774	The rpd process crash is observed when MVPN PE receives PIM join messages from the remote peers Product-Group=junos	On all Junos Evolved platforms, when MVPN (Multicast Virtual Private Network) configured device receives PIM join or IGMP report from the remote peer installs route in next-hop and not in multicast composite next-hop, causing the rpd process to crash.
PR Number	Synopsis	Category: MX Timing software
1664569	Switch Fabric Board information for supporting PTP on MX10k8 with MX10K-LC2101 LC(s) Product-Group=junos	MX10k8 with MX10K-LC2101 Linecard(s) supports *PTP* only with JNP10008-SF Switch Fabric Board(s), *PTP* currently doesn't work with JNP10008-SF2 Switch Fabric Board(s).
PR Number	Synopsis	Category: Odin Timing software
1745604	[TWM Clocking Solution] - chassis clock status should not move to "holdover" while switching between PTP path alone Product-Group=junos	[TWM Clocking Solution] - chassis clock status should not move to "holdover" while switching between PTP path alone
PR Number	Synopsis	Category: "ifstate" infrastructure
1767098	Prolonged SNMP polling leads to kernel crash in SCU/DCU scenario Product-Group=junos	On all Junos platforms with SCU (Source Class Usage)/DCU (Destination Class Usage), SNMP (Simple Network Management Protocol) polling continuously for a longer duration will crash the kernel and affect network traffic.
PR Number	Synopsis	Category: Kernel Multicast Infrastructure

1740390	vPTX: PFE crash is seen due to invalid token from RPD Product-Group=junos	On vPTX platforms, the PFE (packet forwarding engine) receives an invalid token from RPD (Routing Engine daemon) for composites next-hops due to which the PFE will crash leading to traffic drop.
PR Number	Synopsis	Category: PFE Peer Infra
1747077	Due to timing issues, PFE/PICs will be slow and traffic will be impacted on all Junos platforms Product-Group=junos	On all Junos platforms, due to timing issues the PFE (Packet Forwarding Engine) /PICs (Physical Interface Card) will be slow and services will face slowness issue and error message: 'Minor potential slow peers are: X' will be seen. This is rare timing issue.
PR Number	Synopsis	Category: TCP/UDP transport layer
1761242	TCP window scaling may be not applied to the first TCP packet sent to the client after the three-way handshake, leading to unnecessary segmentation. Product-Group=junos	On all JUNOS platforms, the first TCP packet sent by Junos to the client after the three-way handshake may be unnecessarily segmented due to TCP window scaling option being not applied even if it was negotiated.
PR Number	Synopsis	Category: Kernel Tunnel Interface Infrastructure
1712352	Master and Backup RE synchronization issue will be seen if chassisd is restarted on Master RE Product-Group=junos	On all Junos platforms with GRES (Graceful Routing Engine Switchover) and NSR (Non Stop Routing) enabled, Master and Backup RE (Routing-Engine) synchronization issues will be seen when chassisd (Chassis process) is restarted on Master RE. The ksyncd (Kernel Synchronization) process crash will be observed on the backup RE. If failover happens post this event, traffic would be impacted. This is a rare issue.
1743306	FTI interface status (up/down) does not sync between master and backup RE. Product-Group=junos	
PR Number	Synopsis	Category: Express Chip L3 software
1761579	The FPC will crash on Junos PTX platforms in a rare timing issue Product-Group=junos	On Junos PTX platforms with with FPC3, JNP10K-LC1101, JNP10K-LC1102, JNP10K-LC1104, JNP10K-LC1105 and PTX10000, during a rare race condition in hostbound packet handler thread, the FPC (Flexible PIC Concentrator) might crash leading to all the interfaces going down. The exact trigger for this issue is unknown.
1761887	ECMP traffic drop after the AE interface flap Product-Group=junos	On Junos OS PTX and QFX platforms, in a race condition after the AE (Aggregated Ethernet) interface flap, PFE (Packet Forwarding Engine) will not update unilist next-hops with flapped AE next-hop correctly, causing ECMP (Equal-Cost Multi-Path) traffic drop.
PR Number	Synopsis	Category: Phone-Home-Client Infrastructure

1743222	After ZTP process, the configuration fetch from the script path in event-options is impacted Product-Group=junos	On EX4300-MP platforms, when event-options are configured and ZTP (Zero Touch Provisioning) is performed, the configurations are not retrieved as the script path is not configured properly.
PR Number	Synopsis	Category: vMX Platform Infrastructure related issue tracking
PR Number	Synopsis	Category: QFX platform fabric mgmt for Express ASIC chip
1734735	Packet drop is observed due to SIB ASIC issue on fabric Product-Group=junos	On all inserted FPCs of Junos based QFX10K8/QFX10K16 platforms, due to SIB (Switch Interface Board) ASIC (Application-Specific Integrated Circuit) issue on fabric, packets are getting dropped and major errors "PECHIP_CMERROR_EPW_MISC_INT_EVENTS_CRC_ERR (0x2101aa)" are reported. These errors are not auto-cleared on a couple of FPCs.
PR Number	Synopsis	Category: QFX access control list
1750828	The PFE process crashed while removing and applying the firewall filters Product-Group=junos	On Junos QFX5K/EX (except EX4300) platforms, the Packet Forwarding Engine (PFE) crash is observed while applying the firewall filters.
PR Number	Synopsis	Category: QFX L2 PFE
1718095	Deleting the MAC-VRF routing instance will lead to a traffic drop for other routing instances Product-Group=junos	On Junos QFX5K and EX platforms configured with EVPN-VXLAN (Ethernet Virtual Private Network-Virtual Extensible LAN), deleting instance-type MAC-VRF for a routing instance will lead to the traffic drop for the other MAC-VRF routing instances as well.
1759875	Generate an empty file whose name is secondary_vlan when executing RSI. Product-Group=junos	After executing "request support information save " command, unexpected file will be generated.
1763116	VPLAG information not installed correctly in hardware results in traffic flooding Product-Group=junos	On QFX5k and EX4100, EX4300, EX4400, and EX4650 platforms in the EVPN-VXLAN environment, when the underlay links flaps are observed followed by IPC (Interprocess communication) out-of-order events lead to VPLAG (Virtual Port Link Aggregation) information not correctly installed in hardware resulting in traffic flooding.
1771183	Memory leak observed on non-local FPC for Junos QFX5K and EX platforms Product-Group=junos	On Junos QFX5K and EX platforms in virtual chassis (VC), memory leak happens for non-local Flexible PIC Concentrators (FPC) when delete/detach of interface is performed.
PR Number	Synopsis	Category: QFX L3 data-plane/forwarding
1748462	Unable to install IPv6 routes in LPM table Product-Group=junos	On Junos platforms QFX5200 and QFX5210 with custom-profile set under "set chassis forwarding-options", traffic

		for routes IPv4/IPv6 would be impacted due to hardware limitation.
1763667	BFD session detection time is higher than expected leading to traffic drop Product-Group=junos	On QFX5K and EX4K platforms, when using HW (Hardware) assisted inline BFD (Bidirectional Forwarding Detection), the detection timer for the sessions is higher than what is configured. Hence, the BFD packets mirrored to the CPU get dropped at the host path.
PR Number	Synopsis	Category: QFX MPLS PFE
1742364	Traffic dropped is observed in the MPLS LDP scenario when the peer device MAC address is changing Product-Group=junos	On Junos QFX5100 and EX4600 platforms when there is MAC (Media Access Control) change for the LDP (Label Distribution Protocol) neighbor and IP remains the same, the ARP (Address Resolution Protocol) update is proper but MPLS LDP may still use the stale MAC address of the neighbor. If there is any application/service such as MP-BGP using LDP as next-hop, all transit traffic pointing to the stale MAC address will be dropped.
PR Number	Synopsis	Category: QFX analyzer, sflow
1777265	The fxpc process crash is seen on a specific Junos QFX and EX platforms except EX4300 due to memory leak after VTEP IFLs configuration and un-configuration Product-Group=junos	VTEP (VXLAN Tunnel Endpoint) IFLs (Logical Interfaces) configuration and un-configuration causes a memory leaks and it leads to the fxpx process crash on a specific Junos QFX and EX platforms except EX4300.
PR Number	Synopsis	Category: QFX EVPN / VxLAN
1756407	Layer 2 VXLAN and Layer 3 IPv4 Logical Interfaces are not getting configured on the same interface Product-Group=junos	On Junos ACX/QFX/EX platforms, layer 2 Virtual Extensible LAN (VXLAN) and Layer 3 IPv4 logical Interfaces are not getting configured on the same interface.
1760823	Traffic drop will be seen when packets are sent with incorrect VLAN tag Product-Group=junos	EVPN (Ethernet VPN) proxy arp with Multihome AE (ESI) responds with an incorrect VLAN (Virtual Local Area Network) tag. QFX5K, EX4400, and EX4650 platforms return proxy arp reply with incorrect vlan-id with native VLAN under ESI (Ethernet Segment Identifier) ae interface.
1771739	The PVST BPDU packet get dropped in transparent EVPN-VXLAN on the ingress PE-CE port of SP style on Junos EX/QFX platforms Product-Group=junos	On Junos QFX/EX platforms with SP (Service Provider)-style configuration and in the EVPN (Ethernet Virtual Private Network)-VXLAN (virtual Extensible Local Area Network) scenario at the ingress port of the CE (Customer Edge) host, PVST (Per VLAN Spanning Tree) VSTP (VLAN Spanning Tree Protocol) BPDUs (Bridge Packet Data Unit) are getting dropped when the VLAN-ID is set to none. It should be flooded into the VLAN (Virtual Local Area Network) including intra-VLAN ports and remote VTEP (Virtual Tunnel Endpoint).
1775672	The PVST (VSTP) BPDU packet gets dropped in transparent EVPN-VXLAN on the ingress PE-CE port of SP	On certain Junos QFX5k/Ex4K platforms with SP (Service Provider)-style configuration and in the EVPN (Ethernet

style on Junos EX/QFX platforms
Product-Group=junos

Virtual Private Network)-VXLAN (virtual Extensible Local Area Network) scenario at the ingress port of the CE (Customer Edge) host, PVST (Per VLAN Spanning Tree) VSTP (VLAN Spanning Tree Protocol) BPDUs (Bridge Packet Data Unit) are getting dropped when the native VLAN-id is set to 400 and associated interface BD (Bridge Domain) VLAN-id is set to none. It should be flooded into the VLAN (Virtual Local Area Network) including intra-VLAN ports and remote VTEP (Virtual Tunnel Endpoint).

[1781691](#) With EVPN-VXLAN configured, when a Layer 3 interface or underlay IRB interface deletion results in a traffic blackhole
Product-Group=junos

On QFX5K and EX4K platforms in the EVPN-VXLAN (Ethernet Virtual Private Network - Virtual Extensible LAN) environment, a traffic blackhole is observed when we delete the L3 or underlay IRB (Integrated Routing and Bridging) interface, both the L3 egress and ingress hardware interface are deleted.

PR Number

Synopsis

Category: QFX5200/5110/5120/5210 Platform issues

[1711407](#) When a 100G transceiver is used as a VC port or network port, the VC port or network port will either not come up or come up as 40G
Product-Group=junos

On Junos QFX5110 and QFX5120 platforms, when a 100G transceiver is used as a Virtual Chassis (VC) Port or network port, the VC port or network port will either not come up or come up as 40G.

[1729647](#) The fpc detaching logs will be seen when the VC port between different FPCs are flapped
Product-Group=junos

When VC ports are flapped on QFX5100 and EX4600 devices, VC might get split and we might observe the logs which impacts the traffic flow.

[1754838](#) The VC port stays down after backup becomes master
Product-Group=junos

On QFX series platforms, virtual-chassis doesn't get formed when using 100G for VC port when unplug and plug 100G optics or DAC cable (Direct Attached Cable) which means converting VC port to network port and again to VC port via CLI command. This issue happens when a single Virtual Chassis Port (VCP) link between the master and backup breaks up, the backup will become the master again enable the VC port links, it won't come up. It will stay in master-master because VC port remains down.

[1768554](#) Virtual chassis formation fails for VCP ports
Product-Group=junosvae

On platforms that support QFX5E image and that support virtual chassis, when em0 is configured or em0 of master is plugged out, VC formation fails when network port is converted to vcp (Virtual Chassis port) port.

PR Number

Synopsis

Category: KRT Queue issues within RPD

[1774975](#) Features utilizing inactive routes will not work properly after the device reboot
Product-Group=junos

On all Junos and Junos OS Evolved platforms, due to some software issue, after the device reboot features utilizing inactive routes in the routing table will not work properly. This will cause issues like some inactive routes not being advertised when selected as the best path, features like advertise-inactive not working properly as it utilizes an inactive route flash, high Routing Protocol Daemon (rpd) Central Processing Unit (CPU) utilization, etc.

PR Number	Synopsis	Category: RPD Next-hop issues including indirect, CNH, and MCNH
1768604	Traffic blackhole due to incorrect NH entries with incorrect filter-id in CCNH table Product-Group=junos	On all Junos platforms, the firewall filter mapping in Routing protocol process(rpd) table goes out of sync with the Dynamic Firewall process(dfwd) and hold old filter-id value in filter entry which leads to incorrect next-hop(NH) entries in Chained composite next hops(CCNH).
PR Number	Synopsis	Category: Shard routing infrastructure within RPD
1716431	Memory leak will be observed in rpd after performing restart routing Product-Group=junos	On all Junos OS and Junos OS Evolved platforms with rib-sharding enabled, memory leak will be observed in rpd when restart routing is performed. If system is up from long time and restart routing performed multiple times can exhaust system memory that causes to process crash or configuration are not effective/applied because of lack of memory then it is possible that it will impact traffic.
PR Number	Synopsis	Category: RPD API infrastructure
1710274	Next Hop counts are not as expected Product-Group=junos	Next Hop counts are not as expected
PR Number	Synopsis	Category: Generic platform and infra issues for MS-MIC and MS-MPC(XLP)
1743031	The picd process crashes when executing the CLI command "show service sessions/flows" or "clear service sessions/flows" Product-Group=junos	On MX platforms with MS-MPC/MS-DPC, when the system is busy in the creation/deletion of sessions results in the picd process crashes for executing the CLI command "show service sessions/flows" or "clear service sessions/flows" aggressively (executing CLI command in 5-10 secs iteration).
PR Number	Synopsis	Category: SFW, CGNAT on MS-MIC/MS-MPC (XLP)
1706171	PFE crash observed during deletion of service-set Product-Group=junos	When deleting a service-sets configuration, the PFE (Packet Forwarding Engine) may restart on MX platforms with MS-MPC (Multiservice-Modular Port Concentrator). This leads to traffic loss.
PR Number	Synopsis	Category: Bug and Review Tracking for Segment routing traffic eng
1763406	LDP traffic to destination route might be lost when TI-LFA is configured Product-Group=junos	On all Junos and Junos OS Evolved platforms, when LDP tunnel over SR-TE route or over RSVP and LFA/rLFA/TI-LFA backup path for the same destination is configured, or if rLFA/LFA with L-ISIS as backup path is configured, the route to the destination is missing. LDP route for the destination is deleted because SR-TE LSP next hop is deleted by processing L-ISIS route with the backup path. Due to this LDP route gets deleted, LDP traffic to

destination route is lost.

PR Number	Synopsis	Category: SRX Argon module
1757794	AAMW hyper scan goes to lock state during reload Product-Group=junos	On all SRX platforms, AAMW(advanced-anti-malware) hyperscan goes to a lock state during reload. When there is a reconnect or restart of AAMW service there is a possibility depending on the timing or reload/reconnect that AAMW may crash due to hitting a lock condition.
PR Number	Synopsis	Category: all ipv6 dhcp bugs on srx platforms
1770332	DHCP server not responding to some clients Product-Group=junos	SRX DHCP server does not respond to some clients after upgrading to 21.4R3-S5.
PR Number	Synopsis	Category: SRX branch platforms
1646943	No system or chassis alarm will be seen when device booting from backup partition Product-Group=junos	On Junos SRX branch platforms, when the device boots up from the backup partition, the alert message will not be notified in "show system alarm". This issue has been seen from Junos 19.4R2 release.
1661816	fxp0 works under disable state in SRX300 Product-Group=junos	SRX300 runs in HA mode, fxp0 could be unexpectedly UP even though "disable" is configured.
1738271	"Minor Autorecovery information needs to be saved" alarm is not displayed after zeroize Product-Group=junos	On SRX Branch platform, "Minor Autorecovery information needs to be saved" alarm is not displayed after running zeroize command
1739520	Random physical interfaces doesn't come up after a reboot Product-Group=junos	On SRX345, some interface ports couldn't able to get correct medium (FIBRE or COPPER) sometimes after multiple reboot due to that SFP optics inserted may not come up after a reboot.
1746202	Kernel CPU temperature becomes high and the flowd process crashes with dual VLAN tag configured Product-Group=junos	On all SR3xx platforms having Q-in-Q tunnelling on VPLS (Virtual Private Local Area Network Service) over GRE (Generic Routing Encapsulation) tunnel, it is seen that due to dual VLAN (Virtual Local Area Network) tag configuration, the kernel CPU (Central Processing Unit) temperature becomes high along with the flowd process getting crashed.
1768050	ARP resolution does not work if generated from the L3 Interface such as the IRB interface Product-Group=junos	On SRX300 series platforms, ARP (Address Resolution Protocol) resolution does not work if it is generated internally from the L3 (Layer 3) interface such as the IRB (Integrated Routing and Bridging) interface. The routing protocol connections will not get established resulting in traffic impact.
1776656	Interfaces stay down when 1G SFP fiber transceiver connected to SRX380 platform Product-Group=junos	Ports are staying down on SRX380 platform with 1G SFP fiber transceiver while trying to connect to a device that doesn't support auto-negotiation and/or having hard-

		coded speed and duplex setting
PR Number	Synopsis	Category: SRX5XX platform
1514925	Junos OS: An unauthenticated attacker with local access to the device can create a backdoor with root privileges (CVE-2023-44194) Product-Group=junos	An Incorrect Default Permissions vulnerability in Juniper Networks Junos OS allows an unauthenticated attacker with local access to the device to create a backdoor with root privileges. Please refer to https://supportportal.juniper.net/JSA73158 for more information.
1634965	[SRX] SRX550HM interfaces LED of ge-0/0/6-9 will auto turn off after device bootup some minutes Product-Group=junos	SRX550HM interfaces LED of ge-0/0/6-9 will auto turn off after device bootup some minutes.
PR Number	Synopsis	Category: Stout card (MPC7) fabric issues
1764457	Traffic drop observed at the source pfe when the destination line card has fabric link error Product-Group=junos	On all Junos and Junos Evolved platforms, when data traffic is sourced from line cards like MPC1-9 and there is a link error at the destination PFE (Packet Forwarding Engine) end, traffic is dropped at the source PFE end.
PR Number	Synopsis	Category: Stout cards (MPC8, MPC9) fabric issues
1747893	MX2k Platform: frequent fabric plane Check state reported due to remote destination timeouts Product-Group=junos	Upon some crc errors on fabric links, fabric destination timeouts are reported more frequent. Once there is a fabric request timeout, the system will attempt auto recovery. Since the periodic detection logic ran twice for 500msec period and 60msec period, it reported fabric destination timeout too aggressive. The additional 60msec period is targeted to detect a condition if user removed SFB board ungracefully. This exposure is specific to MX2K Platforms only
PR Number	Synopsis	Category: MX10003/MX204 Linux issues (including driver issues)
1753908	Device crash and control plane traffic gets impacted on Junos platforms Product-Group=junos	On all Junos platforms, due to a timing issue, when monitor traffic is enabled on loopback interface (for debug purpose), in the presence of local TCP (Transmission Control Protocol) packet flow, it is observed that the device crashes and traffic gets impacted.
PR Number	Synopsis	Category: MX10003/MX204 MPC defects tracking
1757878	Interface using a QSA adapter with 1G speed won't work Product-Group=junos	On SRX1RU 4XQSFP28 and MX10003 6XQSFP28 PIC MIC cards ie BCM82328F PHY using MIC card, QSA adapter with 1G speed won't work.
PR Number	Synopsis	Category: SRX-1RU platfom datapath SW defects

1746567	Packet drops observed in SRX4600 after traffic burst Product-Group=junosvae	On SRX4600 platform, in rare cases, around 25% traffic drop may be observed.
PR Number	Synopsis	Category: SRX-1RU platform related protocol, QoS, filtering features et
1748971	SRX4600 misleading Fan speed syslog output after removing or inserting one Fan tray unit Product-Group=junos	On SRX4600, misleading Fan speed syslog is generated after removing or inserting one Fan tray unit.
PR Number	Synopsis	Category: ZT/YT pfe l3 forwarding issues
1774127	Memory leak for deactivation/activation of SCU Product-Group=junos	On MX platforms with MPC10, MPC11, LC9600, and MX304-LMIC16, the heap memory leaks every time the SCU (source-class-usage) policy is removed i.e. removed and re-applied resulting in restart of the line card. Heap leak is proportional to the number of source classes or indices being removed by related policy.
PR Number	Synopsis	Category: Trio pfe qos software
1726698	On certain Junos MX platforms queue buffer-size temporal computation is not happening correctly Product-Group=junos	On certain Junos MX platforms, if a queue's buffer size is configured as temporal value and the transmit-rate/guaranteed-rate is not configured as absolute value at COS (Class of Service) schedulers or traffic-control-profile level, then a very low queue depth buffer gets allocated to the queue. This will lead to aggressive tail-drops on the queue.
1777932	Traffic blackhole on the egress interfaces hosted on hyper-mode enabled FPC with flexible-ethernet-services encapsulation configured Product-Group=junos	On MX platforms, when flexible-ethernet-services encapsulation is enabled only a single egress feature is installed, and the hyper-mode IFL (logical interface) egress optimization code kicks in when the IFL family has only 1 egress feature. In this case, policy-map instructions are executed using optimised wan_out NH (Next-Hop), instead of the regular wan_out NH. Currently, the opcode sanity check in the entry_set_policy_map instruction only checks for the regular wan_out NH fields. Added new opcode sanity checks to validate the optimized wan_out NH fields.
PR Number	Synopsis	Category: Trio pfe bridging, learning, stp, oam, irb software
1675316	DHCP OFFER not received at the client for DHCP packets that have extra padding Product-Group=junos	On Trio chipset based platforms, when Dynamic Host Configuration Protocol (DHCP) packets have extra padding, DHCP discover packets get discarded resulting in DHCP OFFER not being received at the client.
1731564	VPLS traffic gets blackholed by qualified-bum-pruning mode Product-Group=junos	On all MX and EX9K platforms, qualified-bum-pruning-mode completely blackholes VPLS (Virtual Private LAN Service) traffic with network-services configured in enhanced-ip mode.
1740606	Host communication does not work in EVPN-L2VPN-CCC	On Junos MX platforms, in Ethernet Virtual Private

setup
Product-Group=junos

Networks-Layer 2 Virtual Private Networks-Circuit Cross-Connect (EVPN-L2VPN-CCC) setup, the integrated routing and bridging (IRB) interface over access logical tunnel (LT) interface is configured, it is sending vlan tagged packet on the access port and not removing it causing the host communication to break.

PR Number	Synopsis	Category: Trio pfe sampling, services plumbing
1759592	Reverse traffic failing for interface-style stateful firewall on MPC5 line cards Product-Group=junos	On all Junos MX platforms with MPC5 linecard, when we configure interface-style SFW (stateful firewall) and applying the service-set on interface, reverse traffic is not getting processed.
PR Number	Synopsis	Category: UI Infrastructure - mgd, DAX API, DDL/ODL
1718063	After deleting commit scripts with transient changes, the changes do not take effect Product-Group=junos	On Junos OS Evolved ACX7100-32C / ACX7100-48L / ACX7509 / PTX10001-36MR / PTX10003 / PTX10004 / PTX10008 / PTX10016 platforms, when a commit script with transient configurations is deleted, daemon does not see the change after commit.
1726731	After the device reboot BGP sessions configured with authentication will be down Product-Group=junos	On all EX4100 platforms, after the device reboot, BGP (Border Gateway Protocol) peers with authentication remain down as the keyadmin utility is not invoked causing the kernel database to not populate with MD5 configuration.
PR Number	Synopsis	Category: QFX RCB issues
1589942	The management interface speed is reflected as 10G instead of 1G Product-Group=junos	On VMHost platforms, the management interface speed is displayed as 10G instead of 1G. There is no functionality impact. This issue needs two fixes PR1589942 and PR1636668. Make sure both are included.
1763588	Warn if insufficient space to save unbundled packages during vm image upgrade Product-Group=junos	If while preparing for replacement of a vm image, there is insufficient space to save copies of unbundled packages, issue a warning.
PR Number	Synopsis	Category: usf flow and datapath issue on SPC3
1750634	Traffic transfer/receive is impacted for SPC3 CPU cores connected to the affected PCIe bus when the SPC3 card boots up Product-Group=junos	On MX and SRX platforms with SPC3 card, SPC3 (Services Processing Card 3) CPU cores connected to the affected PCIe (Peripheral Component Interconnect) bus (7 CPU cores) getting into a bad state will not transfer any traffic i.e. traffic loss during SPC3 card bootup due to incorrect register settings.

22.1R3-S5 - List of Known issues

PR Number	Synopsis	Category: EX4300 Platform
1747374	SFP modules are not detected after upgrade Product-Group=junos	After an upgrade, the SFP modules are not detected in case of EX4300 platforms and the ports remain down impacting traffic. <i>Resolved In:</i> junos:20.4R3-S10 junos:21.4R3-S6
1752611	The port attached to 40 DAC cable doesn't come up after software upgrade or switch reboot Product-Group=junos	On EX switches, if 40G DAC(Direct Attach Copper) cables with PN(Part Number) 740-038624 (QSFP+-40G-CU3M) and 740-044512 (QSFP+-40G-CU50CM) are used, links might not come up after software upgrade to Junos 21.4R3-S3 or after a switch reboot (if the switch is running Junos 21.4R3-S3). The switch ports that use these DAC cables are observed to go down after a reboot. <i>Resolved In:</i> junos:21.2R3-S7 junos:21.4R3-S6
PR Number	Synopsis	Category: chassisd related issues for high-end SRX platforms
1657958	Archived files created by non-root users may not include some files Product-Group=junos	On SRX 1500,4100,4200 and 4600 platforms, the file archive command under a non-root user account may not archive all files under /var/log. <i>Resolved In:</i> junos:21.3R3-S3 junos:21.4R3-S4 junos:22.2R2 junos:22.2R3 junos:22.3R2 junos:22.4R1
PR Number	Synopsis	Category: Issues related to Common BIOS on x86 based designs
1608045	LTS19: MX960: 000: [Firmware Bug]: TSC_DEADLINE disabled due to Errata; please update microcode to version: 0x3a (or later) seen upon upgrade to 21.4 Product-Group=junos	Please upgrade BIOS for releases containing LTS19 i.e. Junos 21.4R1 and later. <i>Resolved In:</i> junos:22.2R3-S3
PR Number	Synopsis	Category: Platform PR for 1G/10G LC
1700909	FPC crash is observed and the device is rebooted when multiple interface operations are performed in MX platforms with LC480 linecard Product-Group=junos	On all MX platforms with LC480 linecard, in a rare occurrence, while triggering interface operations on the LC480 linecard, then FPC (Flexible PIC concentrator) crash is observed and the device gets rebooted. <i>Resolved In:</i> evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R1-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:22.4R2 junos:22.4R3 junos:23.1R1 junos:23.1R2 junos:23.2R1 junos:23.3R1
1739595	The FPC will core and crash in a race condition Product-Group=junos	On all Junos and Junos Evolved platforms, in a rare scenario, the FPC will go down due to core. <i>Resolved In:</i> evo:22.3R3-S1-EVO evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5 junos:22.2R3-S3 junos:22.3R3-S1 junos:22.4R3 junos:23.2R2 junos:23.3R1 junos:23.4R1

PR Number	Synopsis	Category: CoS support on DNX
1770491	While validating traffic convergence, traffic loss is more than expected Product-Group=junos	On ACX5448 and ACX710 platforms, traffic convergence takes more time than the expected 50ms i.e. traffic loss is more than expected observed for COS (Class-of-service) rewrite change after a link failover in the MPLS (Multiprotocol Label Switching) scenario with FRR (Fast Reroute) and LSP (Label-Switched Path) link-protection configured. <i>Resolved In:</i> junos:21.4R3-S6 junos:22.4R3 junos:23.2R2 junos:23.4R2 junos:24.1R1
PR Number	Synopsis	Category: EVO L2 Control Plane PRs
1769086	Data center interconnect config addition needs to be non-catastrophic. Product-Group=junos	adding interconnect config can be catastrophic behavior which means bd (Bridge domain) and routing instance object will be deleted and added back. <i>Resolved In:</i> evo:21.4R3-S6-EVO evo:22.2R3-S3-EVO evo:22.4R3-EVO evo:22.4R3-S1-EVO evo:23.2R2-EVO evo:23.4R2-EVO evo:24.1R1-EVO junos:21.4R3-S6 junos:22.3R3-S2 junos:22.4R3 junos:22.4R3-S1 junos:23.2R2 junos:23.4R2 junos:24.1R1
PR Number	Synopsis	Category: EVPN control plane issues
1704286	The VPN traffic loss will be seen in EVPN-VXLAN scenario Product-Group=junos	On Junos and Junos OS Evolved platforms in a type 5 EVPN -VXLAN scenario with GR (Graceful Restart) enabled when rpd is restarted on a PE (Provider Edge) device that advertises prefixes in VRF.inet to other DCs (Data Centers) via EVPN type 5 route, the PE prematurely sends EOR (End-of-RIB) message to EVPN peers before it has learned all the VPN prefixes in a VRF. This results in traffic loss on EVPN peers until VPN prefixes are relearnt. <i>Resolved In:</i> evo:22.4R2-EVO evo:23.1R2-EVO evo:23.2R1-EVO junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R2 junos:22.4R3 junos:22.4R3-S1 junos:23.1R2 junos:23.2R1 junos:23.2R2
PR Number	Synopsis	Category: EVPN Layer-2 Forwarding
1751386	Re-ARP is not sent before MAC entry expires in EVPN environment on Junos MX platforms Product-Group=junos	On Junos MX240, MX304, MX480, MX960, MX2010, MX2020, MX10004, MX10008 platforms with MPC10/MPC11/LC9600 line cards, Re-Address Resolution Protocol (Re-ARP) is not sent before Media Access Control (MAC) entry expires. It causes a service impact in Ethernet Virtual Private Network- Virtual eXtensible Local-Area Network (EVPN-VxLAN) scenario with IRB (Integrated Routing and Bridging) and BD (Bridge Domain) configured. <i>Resolved In:</i> evo:22.2R3-S3-EVO evo:22.3R3-S2-EVO evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: EX4400 platform
1741724	1G uplinks on EX4400 with pre-existing configuration do not come up after 4X10G ULM insertion	On Junos EX4400 platforms, pre-configured 1G ports do not come up after 4X10G ULM (Universal Link Module) insertion event. <i>Resolved In:</i> junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:22.4R3-S1 junos:23.2R2 junos:23.4R1 junos:24.1R1

Product-Group=junos

1749391	[interface] [all] EX4400-48F :: JUNOS_REG: EX4400 : input-vlan-tagged- frames are not in the expected range while verifying Vlan Tagged Frames Product- Group=junosvae	[interface] [all] EX4400-48F :: JUNOS_REG: EX4400 : input-vlan-tagged-frames are not in the expected range while verifying Vlan Tagged Frames <i>Resolved In:</i>
PR Number	Synopsis	Category: Firewall Authentication
1732210	23.1R2:ISSU:USERFW- CP: Clearpass Auth entry's are getting deleted post successful ISSU Product-Group=junos	For Aruba-clearpass webapi configuration given below, authentication entries on SRX could be lost during ISSU or during Junos version upgrades to 23.1 or to 23.4 from prior versions. set system services webapi <*> The issue is because of upgrades done to SRX authentication DB on the new Junos versions. Workaround for this issue is to recreate user event on clearpass after the SRX is upgraded, OR, configure clearpass user-query with inline-lookup configured to trigger user-reauthentication on SRX. set services user-identification authentication-source aruba-clearpass user-query <*> set services user-identification lookup-inline <i>Resolved In:</i> junos:23.4R2 junos:24.1R1
PR Number	Synopsis	Category: Multiprotocol Label Switching
1775553	Traffic drop in L2VPN scenarios when an access port flap or configuration change Product-Group=junos	On Junos QFX5100 and EX4600 platforms in Layer 2 Virtual Private Network (L2VPN) scenarios, when an access port flaps or the port related configuration is deactivated and activated, the traffic ingressing or egressing out of that port gets dropped. <i>Resolved In:</i> junos:20.4R3-S10 junos:21.4R3-S6
PR Number	Synopsis	Category: For multicast snooping on MX
1710565	In a scaled setup mcsnoopd is taking high CPU causing traffic drop Product-Group=junos	On all Junos and Junos Evolved platforms, whenever a commit is done, that involves mcsnoopd daemon config parsing such as (VLAN creation/deletion, interface add/delete to VLAN, interface enable/disable, IGMP (Internet Group Management Protocol) snooping/MLD (Multicast Listener Discovery) snooping related config commands) mcsnoopd will consume CPU. In less scaled setup (few IGMP snooping enabled VLANs and few hundred IGMP snooping memberships), the CPU time taken is less. In a more scaled setup (many IGMP snooping-enabled VLANs and a few thousand IGMP snooping memberships), the CPU may reach >90%. Since mcsnoopd is taking high CPU, it may affect other daemons like rpd. It may affect all the protocols if the CPU is not available to the protocols/daemons. This can impact route entries expiring and cause traffic drop. <i>Resolved In:</i> junos:24.1R1
PR Number	Synopsis	Category: MX Timing software
1750885	MPC10E: Support of G.8275.1 PTP Hybrid	In 21.2R3S6 release, MPC10E line-card does not support of G.8275.1 PTP Hybrid mode with speed 25G and 400G

mode with speed 25G
and 400G
Product-Group=junos

Resolved In: evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3
junos:23.2R2 junos:23.4R1 junos:24.1R1

PR Number	Synopsis	Category: TCP/UDP transport layer
1700438	The TCP sessions for BGP are closed on the backup RE Product-Group=junos	On all Junos Platforms, if the interface configuration is altered to switch from one routing instance to another it might result in the closing of BGP session on the Backup Routing Engine. <i>Resolved In:</i> junos:21.2R3-S5 junos:22.2R3-S3 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	Synopsis	Category: for all ipv6 related issues
1775394	EX/QFX: fails to ping ipv6 link local address in routing instance if there is a default route in the same instance. Product-Group=junos	On QFX5K, EX4300-MP, EX4400 or EX4100 series switch with VXLAN, ping to ipv6 link local address in routing instance would be failed. This issue affects only to the traffic which is sent to Link Local IPV6 Interfaces when the interface is an IRB along with VXLAN configuration. <i>Resolved In:</i> junos:23.4R2 junos:24.1R1
PR Number	Synopsis	Category: QFX L2 PFE
1711860	The dcpfe process will crash due to memory fragmentation Product-Group=junos	On Junos and Junos OS Evolved platforms, the dcpfe (Dense Concentrator Packet Forwarding Engine) process crash will be observed due to memory fragmentation issue. This is a very rare case and would impact traffic as due to dcpfe failure the PFE restarts, so the interfaces will flap. <i>Resolved In:</i> evo:23.4R1-EVO junos:23.4R1
PR Number	Synopsis	Category: QFX5100 Interface related issues
1665800	Ports with SFP-T 1G plugged in may go to hung state on QFX5100 (tvp-image) platforms Product-Group=junos	When the remote end server/system reboots, QFX5100 platform ports with SFP-T 1G inserted may go into a hung state and remain in that state even after the reboot is complete. This may affect traffic after the remote end system comes online and resumes traffic transmission. <i>Resolved In:</i> junos:20.2R3-S7 junos:20.2R3-S8 junos:20.4R3-S6 junos:20.4R3-S7 junos:21.2R3-S3 junos:21.4R3-S3 junos:21.4R3-S4 junos:21.4R3-S6 junos:22.2R3-S1
PR Number	Synopsis	Category: QFX5100 Platfom related issues. CPLD, FPGA, FRU, Host, RE
1742565	Ports with SFP-T 1G plugged in may go to hung state on QFX5100 (non-tvp-image) platforms Product-Group=junos	When the remote end server/system reboots, QFX5100 platform ports with SFP-T 1G inserted may go into a hung state and remain in that state even after the reboot is complete. This may affect traffic after the remote end system comes online and resumes traffic transmission. <i>Resolved In:</i> junos:20.4R3-S10 junos:21.4R3-S5 junos:21.4R3-S6
PR Number	Synopsis	Category: RPD Next-hop issues including indirect, CNH, and MCNH

1562387	The session status gets stuck in the Invalid state after the core-facing link fails in the primary PE devices. Product-Group=junos	Due to a race condition, the 'show multicast route extensive instance " output can display the session status as Invalid. Such an output is a cosmetic defect and not indicative of a functional issue. <i>Resolved In:</i> junos:22.4R3-S1
PR Number	Synopsis	Category: RPD policy options
1714163	The static routes are installed in the routing table even though interface routes are not present Product-Group=junos	On all Junos and Junos OS Evolved platforms, the static routes are installed in the routing table even though the corresponding interface routes are not present. <i>Resolved In:</i> evo:23.2R2-EVO evo:23.4R1-EVO junos:23.2R2 junos:23.4R1 junos:23.4R2
PR Number	Synopsis	Category: SRX branch platforms
1709013	Kernel panic on Junos 21.2 and later platforms Product-Group=junos	On Junos 21.2 and later (FreeBSD) platforms, kernel panic was seen. <i>Resolved In:</i> junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R1
PR Number	Synopsis	Category: SRX-1RU platfom chassisd SW defects
1711467	SRX4600 doesn't support ae interfaces Product-Group=junos	On Junos SRX4600 platforms, ae interfaces doesn't come up or not work properly when configured in HA (High Availability) cluster mode. <i>Resolved In:</i> junos:20.4R3-S10 junos:21.2R3-S5 junos:21.3R3-S4 junos:21.4R3-S3 junos:22.1R3-S2 junos:22.2R3 junos:22.3R3 junos:22.4R2 junos:23.1R1 junos:23.2R1
PR Number	Synopsis	Category: SRX-1RU platfom datapath SW defects
1732876	Traffic drops will be observed when a BGP session comes up after the network flap or deactivating/activating OSPF Product-Group=junos	On SRX platforms with BGP (Border Gateway Protocol) multipath and forwarding table policies configured, for the tunnel routes traffic drops will be observed for a few composite next-hop that are not installed in PFE (Packet Forwarding Engine) when a BGP session comes up after the network flap. The issue can also happen when deactivating/activating OSPF (Open Shortest Path First) in the OSPF environment. <i>Resolved In:</i> junos:23.2R2 junos:23.4R1 junos:23.4R2 junos:24.1R1
PR Number	Synopsis	Category: Issues related to broadband edge apps (PPP, DHCP) on Trio ch
1722945	PADT response will not be sent for an incoming PPPoE/PPP data Packet from an unknown session ID Product-Group=junos	On all MX platforms with line cards before MPC10, when Broadband Network Gateway (BNG) switchover occurs, the new master does not send PPPoE Active Discovery Termination (PADT) packet for an unknown session if the incoming packet is PPPoE/PPP data packet and thus the existing subscribers does not come up on this router. <i>Resolved In:</i> junos:21.3R3-S5 junos:21.4R3-S6 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1

PR Number	Synopsis	Category: Issues related to NETCONF
1585855	< ok/> response is getting generated along with < rpc-error> Product-Group=junos	<p>When maximum-password-length is configured and the user tries to configure password whose length exceeds configured maximum-password-length, there is an error and the " tag is emitted. (Ideally " tag should not be emitted in an error scenario.) The configuration does not get committed.</p> <p><i>Resolved In:</i> evo:22.2R3-S1-EVO evo:22.3R2-S2-EVO evo:22.3X50-EVO evo:22.4R3-EVO evo:23.1R1-EVO evo:23.2R1-EVO junos:20.3X75-D36 junos:22.2R3-S1 junos:22.3R2-S2 junos:22.3R3-S1 junos:22.4R2-S2 junos:22.4R3 junos:23.1R1 junos:23.2R1</p>
PR Number	Synopsis	Category: Virtual Private LAN Services
1729052	The rpd process crash will be observed during VPLS to EVPN migration Product-Group=junos	<p>On all Junos platforms during VPLS (Virtual Private LAN Service) to EVPN (Ethernet Virtual Private Network) migration, when the EVPN and VPLS are configured under the same routing instance and "instance-type evpn" is enabled, then upon deactivate/delete "protocols vpls" and changing the IFL configuration associated with VPLS will lead to rpd process crash.</p> <p><i>Resolved In:</i> evo:21.4R3-S6-EVO evo:22.1R3-S3-EVO evo:22.3R3-EVO evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:21.4R3-S2-J16 junos:21.4R3-S6 junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1</p>