

22.1R3-S4: Software Release Notification for JUNOS Software Version 22.1R3-S4

Alert Description

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Solution

Junos Software service Release version 22.1R3-S4 is now available.

22.1R3-S4 - List of Fixed issues

PR Number	Synopsis	Category: EX4300 Layer 2 implementation
1739730	In EVPN-VXLAN scenario DHCP does not work for clients connected on the dot1x port Product-Group=junos	On EX4300-48MP, in case of dot1x EVPN-VXLAN dynamic VLAN due to a HW setting which is used to assign VLAN to the authenticated dynamic VLAN, causes the DHCP offer to get tagged.
PR Number	Synopsis	Category: EX4300 Platform implementation
1711695	The interface remains up and LED is still green when the cable is removed Product-Group=junosvae	On EX4300-48MP platform, when the cable is disconnected, the interface stays active, and the LED continues to display a green light.
1714056	On EX4650, jnxOperatingDescr.1.1.0.0 is populated with blank Product-Group=junosvae	On EX4650, jnxOperatingDescr.1.1.0.0 is populated with blank
PR Number	Synopsis	Category: EX2300/3400 PFE
1710360	Certain EX platforms with option-18 configured may hinder the DHCPv6 process Product-Group=junos	DHCPv6 clients drops DHCP Advertise packets as option-18 enabled specific Junos based EX platforms (EX4400, EX2300, EX3400, EX4300-MP, EX4100) which are sitting between the relay and the client, are sending malformed packets.
1721433	On EX2300MP, error messages are observed during reboot/image upgrade Product-Group=junos	Logs dc-pfe[16077]: PFE_BRCM_COS_HALP_ERR: BRCM_COS_HALP(brcm_block_cpu_traffic:2383):Port MMU Traffic setting skipped (Feature unavailable) Feature port MMU

traffic setting is not supported on EX2300 platform due to which logs were displayed. These logs are not functionality impacting.

1742303	DHCP packets traversing the switch even though the source mac is not present in accept-source-mac list Product-Group=junos	In EX2300 & EX3400 devices, even though accept-source-mac knob is configured, DHCP Packets with the MAC address not present in the accept-source-mac list are accepted and traverse in the network.
PR Number	Synopsis	Category: EX2300/3400 platform
1737524	VC on EX3400 platforms will not form with 40GBASE-BXSR optics Product-Group=junos	On Junos EX3400 platforms, the Virtual Chassis will not form if 40GBASE-BXSR optics are used on VCPs (Virtual Chassis ports).
1744141	On EX2300/EX3400, unexpected error message during oam boot Product-Group=junos	It is not able to get active package date in OAM boot. Instead of getting active package date get the snapshot package date while in OAM/snapshot boot. Added set_pkgset & /packages/sets/\$pkgset instead of /packages/sets/active. It will get package date correctly in normal boot, USB snapshot boot, and recovery snapshot boot.
PR Number	Synopsis	Category: QFX Control Plane Analyzer related
1689682	The Ether boolean set errors are observed on FPC Product-Group=junos	On all Junos platforms, when kernel passes down some IPC to the linecard/FPC in case of any operation related to any interface then ether boolean error logs are observed.
PR Number	Synopsis	Category: SPC3 HW and SW Issues
1749584	SRX device will take time to come up in HA or device will go down in standalone setup Product-Group=junos	For SRX Platforms with SPC3 cards in cluster configuration, One of the node in cluster will go down as FPC(Flexible PIC Concentrators) takes extra time to reset. In standalone setup, device will go down.
PR Number	Synopsis	Category: JUNOS kernel/ukernel changes for ACX
1735843	Crash on all Junos VMhost platforms due to deadlock panic Product-Group=junosvae	On all Junos VMhost based platforms, due to heavy disk input/output (I/O) operations, a crash was observed.
PR Number	Synopsis	Category: ACX MPLS
1726711	[ACX5048] L2circuit might drop forwarding traffic after flaps although it's in UP state; acx_rt_ccc_eth_vpws_vpn_uni_port_add:UNI VPWS port_add failed AC-IFL: <> VPN: <> (-15:Invalid configuration) Product-Group=junos	- Upon multiple operations of deactive/active of the interface, pfe related mpls uni port stale entry might be created with invalid match vid due to which tagged traffic start dropping. - If the system is in the issued state, then the problematic l2circuit might be identified with the error logs seen below upon l2circuit flaps. fpc0 acx_bcm_mpls_uni_port_delete: VPWS port_del failed VPN: 12443 (-7:Entry not found) fpc0

		acx_bcm_mpls_uni_port_add: NNI VPWS port_add failed (-15:Invalid configuration) fpc0 acx_rt_ccc_eth_vpws_vpn_uni_port_add:UNI VPWS port_add failed AC-IFL: 715 VPN: 12443 (-15:Invalid configuration) - Upon the l2circuit hits the issue, even if it's up and running after the flap, it might drop all traffic forwarded.
PR Number	Synopsis	Category: MPC Fusion SW
1744883	100G interfaces will flap due to RE switchover on Junos MX platforms with MPC3E-3D-NG/MPC-3E-3D-NG-Q linecards Product-Group=junos	On Junos MX platforms with MPC3E-3D-NG/MPC-3E-3D-NG-Q linecards, 100G interfaces will flap due to RE (Routing Engine) switchover.
PR Number	Synopsis	Category: Application Quality of Experience
1743107	flowd process crash observed in Junos branch SRX platforms Product-Group=junos	This issue is observed on Junos SRX platforms supporting SD-WAN (Software-defined Wide Area Network) like SRX300, SRX320, SRX340, SRX345, SRX380, SRX550, SRX1500, SRX4100, SRX4200, SRX4600, SRX5600, SRX5800, cSRX and vSRX in AppQoE (Application Quality of Experience) scenario where the passive probe session of SD-WAN is not closed gracefully. This results in flowd crash and impacts user traffic.
PR Number	Synopsis	Category: MX Layer 2 Forwarding Module
1743032	FPC cards restart unexpectedly Product-Group=junos	On Junos based MX platforms with MPC7E, FPC(Flexible PIC Concentrator) crashes and core would be observed causing traffic loss. This is a rare issue.
PR Number	Synopsis	Category: A15 specific issue
1738188	Failover can be seen on SRX5K cluster with SPC2 cards while executing RSI Product-Group=junos	On all SRX5000 series platforms with SPC2 cards configured in a chassis cluster, when RSI is being collected which has the command 'i2csc fpc' in the script, an interrupt storm generates a CB (Control Board) alarm which triggers a failover. Intermittent traffic disruption could be seen till the failover is complete.
PR Number	Synopsis	Category: dynamic vlan creation and associated processing
1743903	If more than 32 vlan ranges are configured under the dynamic-profile then login issue and traffic impact can be seen with subscribers of random VLANs Product-Group=junos	On all Junos platforms that support subscriber services, when more than 32 VLAN ranges are configured, random VLAN (Virtual Local Area Network) traffic is impacted and subscribers are unable to login.
PR Number	Synopsis	Category: BBE Advanced Services related issues
1735560	The bbe-smgd crash can be seen in a certain	On Junos MX platforms supporting subscriber services, the bbe

scenario
Product-Group=junos

(broadband edge)-smgd (subscriber management daemon) crash can be observed due to memory consumption which will impact subscribers from bringing up.

PR Number	Synopsis	Category: BBE network stack related issues
1729913	DHCP subscribers are stuck in DHCP-Renew state when 'overrides always-write-giaddr' is enabled Product-Group=junos	On all Junos platforms supporting DHCP (Dynamic Host Configuration Protocol), when 'overrides always-write-giaddr' option is enabled on the DHCP relay, checksum is not computed properly causing the DHCP renew to fail and subscribers getting stuck in 'Requesting' state.
1751656	ARP learning issue for dynamic ARP entry for the DVLAN stacked frame route not resolved Product-Group=junos	On MX platforms with Subscriber Management and knob "ipoe-dynamic-arp-enable" configured, the L2 (MAC address) in the frame route will be incorrect due to which traffic flow for VLAN subscribers will get impacted as dynamic ARP entry for the DVLAN (Dynamic VLAN) stacked frame route won't get resolved resulting in ARP learning issue.
PR Number	Synopsis	Category: Border Gateway Protocol
1679495	RV task replication will be stuck in the "NotStarted" state when routing-options validation is deactivated/activated Product-Group=junos	On all Junos and Junos Evolved platforms with Non-Stop Routing (NSR) enabled, in a rare case, Route Validation (RV) task replication will be stuck in the "NotStarted" state when routing-options validation is deactivated/activated.
1687887	More than expected traffic loss is seen with ECMP FRR enabled during link down scenario Product-Group=junos	On all Junos and Junos Evolved platforms, in a link down/BFD (Bidirectional Forwarding Detection) down event traffic loss is seen to occur more than the expected with ECMP (Equal-Cost Multipath) FRR (Fast Reroute) or BGP PIC (Prefix-Independent Convergence) configured.
1690213	BMP will not send EOR message Product-Group=junos	On all Junos and Junos Evolved platforms, BMP(BGP Monitoring Protocol) will not send EOR(End of RIB) message for some releases. This will impact some data collections.
1696870	BGP scheduler slips during sub-optimal prefix-walk while deleting selected prefixes from a large set. Product-Group=junos	On all Junos and Junos Evolved platforms, you might see the BGP scheduler slip while deleting a large set of prefixes.
1709837	Junos OS and Junos OS Evolved: A crafted BGP UPDATE message allows a remote attacker to de-peer (reset) BGP sessions (CVE-2023-4481) Product-Group=junos	An Improper Input Validation vulnerability in the Routing Protocol Daemon (rpd) of Juniper Networks Junos OS and Junos OS Evolved allows an unauthenticated, network-based attacker to cause a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA72510 for more information.
1728604	Traffic impact is seen when there is a single peer in the proxy BGP group connected to the BGP route reflector Product-Group=junos	On all Junos and Junos OS Evolved platforms, if the proxy BGP (Border Gateway Protocol) route reflector is connected to the only peer present in the BGP group then it stops advertising the routes coming from the remote cluster and that leads to proxy route-target routes not getting added which causes traffic

		disruption.
1732493	The rpd process crash will be observed with BMP and independent resolution is enabled for secondary BGP routes Product-Group=junos	On all Junos and Junos OS Evolved platforms, when BMP (BGP Monitoring Protocol) post-policy and independent resolution is enabled for secondary (route leaked through rib-group) BGP routes, then with the inactive secondary route change the rpd process crash will be observed.
1736029	Junos OS and Junos OS Evolved: RPD crash when attempting to send a very long AS PATH to a non-4-byte-AS capable BGP neighbor (CVE-2023-44186) Product-Group=junos	An Improper Handling of Exceptional Conditions vulnerability in AS PATH processing of Juniper Networks Junos OS and Junos OS Evolved allows an attacker to send a BGP update message with an AS PATH containing a large number of 4-byte ASes, leading to a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA73150 for more information.
1738074	BFD session for BGP remains down in a specific scenario Product-Group=junos	On all Junos and Junos Evolved platforms supporting BFD (Bi-directional Forwarding and Detection) for BGP (Border Gateway Protocol) multi-hop BFD sessions can remain in a down state. This issue is seen when the multi-hop BFD session endpoints are in the same subnet but the interface addresses on which the BFD is configured are not directly connected.
1739335	The rpd process crash will be observed when the prefix-limit exceeds on the backup RE Product-Group=junos	On all Junos and Junos OS Evolved platforms configured with BGP (Border Gateway Protocol), NSR (Nonstop Active Routing), and prefix-limit with idle-timeout, when the prefix-limit exceeds on the backup RE (Routing Engine) and switchover is performed the rpd process crash will be observed on the new backup RE.
1739919	Junos OS and Junos OS Evolved: A BGP session will flap upon receipt of a specific, optional transitive attribute (CVE-2023-0026) Product-Group=junos	An Improper Input Validation vulnerability in the Routing Protocol Daemon (rpd) of Juniper Networks Junos OS and Junos OS Evolved allows an unauthenticated, network-based attacker to cause a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA71542 for more details.
1742222	Partial application of BGP import policy with BMP configuration and after back-to-back commits changes BGP import policy Product-Group=junos	When BMP is configured and sessions are established, if a back-to-back commit is made that alters a BGP peers import policy, then the import evaluation job is not re-run after the 2nd commit. This can lead to partial application of the desired policy, resulting in missing values that need to take effect with second policy (eg: missing communities).
1742416	RPD scheduler slip is observed when the BGP session flaps and subsequent configuration changes for the same peer Product-Group=junos	On all Junos and Junos Evolved platforms, high CPU (RPD scheduler slips) leads to session timeouts/flaps for other protocols running in the system.
1742513	When BGP is configured in routing-instance of type virtual-router, default MPLS table is being created for that virtual-router, unexpectedly Product-Group=junos	On all Junos platform, when BGP is configured in routing-instance of type virtual-router, default MPLS table is being created unexpectedly for VR instance routing table
1745073	CPU in rpd spikes and scheduler slips will be	On all Junos and Junos Evolved platforms, when Border Gateway

observed when the duplicate community is added
Product-Group=junos

Protocol (BGP) is configured with the existing community member added via another community that is called in import policy and the intermediate router does not support large/extended communities based on scale (route). Due to this, the rpd Central Processing Unit (CPU) stays high and protocols level choking will be seen in adjacent nodes. Scheduler slips are also observed due to the same.

PR Number	Synopsis	Category: BBE Remote Access Server
1729035	Potential memory leak in authd process Product-Group=junos	If RADIUS is enabled for subscriber authentication or accounting, the authd process may occasionally leak memory when running at a high scale.
PR Number	Synopsis	Category: Express Broadway PFE L3
1725716	The error logs "fpc0 expr_hostbound_packet_handler: Receive pe 254?" would be generated Product-Group=junos	On QFX10002-60C and PTX10k platforms, an error log can be generated repeatedly with the base configuration.
PR Number	Synopsis	Category: MX Platform SW - FRU Management
1739922	FPC crashes and remains offline after the upgrade of RE BIOS to 0.15.1 version Product-Group=junos	On MX204 and EX9251 platforms running Junos 21.4 or later, the Flexible PIC Concentrator (FPC) crashes and will remain offline after upgrading the RE (Routing Engine) BIOS to 0.15.1 version without power cycling the chassis. This will result in total traffic loss.
PR Number	Synopsis	Category: Captive Portal
1736937	Junos OS: EX Series: A PHP vulnerability in J-Web allows an unauthenticated attacker to control important environment variables (CVE-2023-36844) Product-Group=junos	A PHP External Variable Modification vulnerability in J-Web of Juniper Networks Junos OS on EX Series allows an unauthenticated, network-based attacker to control certain, important environments variables. Utilizing a crafted request an attacker is able to modify certain PHP environments variables leading to partial loss of integrity, which may allow chaining to other vulnerabilities. For more information see https://kb.juniper.net/JSA72300
PR Number	Synopsis	Category: CFM
1682939	Maintenance-domain (MD) and Maintenance-association (MA) configuration display changed to ordered-by-system type Product-Group=junos	With this the maintenance-domain (MD) configuration and maintenance-association (MA configuration) under the connectivity-fault-management stanza will be ordered by the system and not as per the configuration order.
1733134	Configuring CFM on ae interfaces on EX series virtual chassis will lead to pppd cores.	If the EX series switches are configured in a virtual chassis, and CFM is being configured on AE interfaces, pppd cores will be seen.

Product-Group=junos

PR Number	Synopsis	Category: QFX Access Control related
1741867	DOT1XD_USR_ATHNTICTD_GST_VLAN is not triggered Product-Group=junos	On all Junos and Junos Evolved platforms (dot1x supported), there will not be any syslog messages when clients move to Guest VLAN authentication incase single-secure & multiple supplicant mode.
PR Number	Synopsis	Category: QFX Control Plane VXLAN
1749759	Traffic discarded on QFX5K platforms in multi-homed EVPN-VXLAN scenario Product-Group=junos	It is observed that on Junos QFX5K platforms when multi-homed EVPN-VXLAN is configured, traffic gets discarded as ARP and NDP next-hop fails to be programmed in PFE because underlying next-hop is missing which is the shared vxlan load-balancing next-hop.
PR Number	Synopsis	Category: Device Configuration Daemon
1692404	Incompatible/unsupported configuration is not getting validated correctly during ISSU/normal upgrade causing the traffic loss Product-Group=junos	On all Junos platforms, while performing the Junos upgrade from the release before 20.4 to a higher version having an incorrect configuration may fail. This issue may lead to traffic loss or network outages.
1726073	PFE table is not updated when new VLANs are added in an AE bundle when ESI is enabled Product-Group=junos	IFF Change message is not propagated to PFE when AE (Aggregated Ethernet) bundle has ESI (VPLS/EVPN) configuration.
1731190	The lt/vt/ut interfaces may not recover from the disable-pfe (admin down) state if the GRES switchover is done before restarting FPC Product-Group=junos	On all Junos Platforms when a PFE (Packet Forwarding Engine) gets disabled to a CM (Chassis Manager) error disable-pfe action or any other reason and a GRES (Graceful Routing Engine Switchover) happens, the lt/vt/ut (Logical Tunnel/Virtual Tunnel/Uplink Tunnel) interfaces will not recover after the FPC (Flexible PIC Concentrator) restart even though the error condition is recovered resulting in traffic loss.
PR Number	Synopsis	Category: Firewall Filter
1749092	High CPU utilization of the mib2d process will be observed with error messages due to stale SNMP requests Product-Group=junos	On all Junos platforms, high CPU utilization, up to 100%, of the mib2d process will be observed with error messages and this may also result in a crash/core when memory gets exhausted due to a gradual increase in stale SNMP (Simple Network Management Protocol) requests.
PR Number	Synopsis	Category: ACX platform interface issues
1747140	QSFP interfaces show additional flap during PFE bringup Product-Group=junos	On Junos ACX5448 platform, the QSFP (Quad Small Form-factor Pluggable) interfaces can possibly see a momentary flap during device or pfe bring up.

PR Number	Synopsis	Category: DNX VPLS
1722919	Intermittent MAC move is observed in VPLS environment when ACX5448 or ACX710 is acting as a PE device Product-Group=junos	On Junos ACX5448 and ACX710 platforms acting as a PE (Provider Edge) device in a VPLS (Virtual Private LAN Services) environment and multiple CE (Customer Edge) interfaces are bound to a single routing instance, intermittent MAC move is observed. This is a corner case scenario and the MAC move can be triggered due to various reasons and not limiting to mac address time out, L2 loop on the extended network or a congested backbone link connecting the PE devices. The split horizon rule in VPLS fails and the traffic received from VPLS LSI (Label-Switched Interface) is forwarded back towards the MPLS core through the LSI.
PR Number	Synopsis	Category: EVPN control plane issues
1732414	EVPN-VXLAN interconnection DCI forwarding problem was observed when one of the AGW IRB interfaces failed in data centers spine Product-Group=junos	On Junos platforms, using the Ethernet Virtual Private Network-Virtual extensible Local Area Network (EVPN-VXLAN) setup with active-active Anycast Gateway (AGW) within two different Data Centers (DCs), using DCI interconnect config with interconnect encapsulation Multiprotocol Label Switching (MPLS). On the spine routers dc1-spine1 and dc2-spine1 the same Integrated routing and bridging (IRB) AGW address is configured. There is one IRB interface per DC, DC1 (spine1 has irb, spine2 doesn't have and same for the DC2). When IRB interface failed in DC1/DC2 spine, the trigger of reprogramming same MAC received from DC2 missed as there is a separate macdb entry with vlan-id and VNI even if both are same Bridge domain (BD). Usually, it is expected to configure IRB on all Gateway (GW) nodes. If the user trying with IRB only on one GW node.
1746787	The user will be unable to configure the interface having stacked outer VLAN and a list of inner VLANs Product-Group=junos	On Junos and Junos OS Evolved platforms, the configuration of stacked VLAN on an interface will not allow the user to configure the interface having stacked outer VLAN and a list of inner VLANs. A certain bridge interface configuration will not pass the commit check with JUNOS releases and throw an error message like "EVPN: Interface xe-0/1/0.0 must be added in a bridge-domain/vlan".
PR Number	Synopsis	Category: EVPN Layer-2 Forwarding
1743913	IRB reachability issues may be observed in the EVPN-VXLAN environment when looped ARP comes on ESI-LAG Product-Group=junos	On Junos and Junos OS Evolved platforms (except MX platforms) with EVPN-VXLAN (Ethernet VPN - Virtual Extensible LAN) configured, in case of traffic loop conditions, self-generated ARP packets (having physical-IRB MAC as SMAC) may come back to the same node where it originated. Such rare scenarios, when the MAC address of the IRB (Integrated Routing and Bridging) ages out and is cleared from the MAC table, also associated MAC-IP route (IRB route) might get cleaned. This may result in IRB reachability issues as the remote VTEPs (Virtual Tunnel End Point) won't have IRB information of the local VTEP and on the local VTEP, there won't be EVPN database entry and type-2 EVPN

advertisements for local IRB towards the remote VTEPs.

PR Number	Synopsis	Category: EX4100 PFE
1681478	Multicast traffic loss is seen with 'igmp-snooping' running on EX4100 Product-Group=junos	On Junos EX4100 platforms, multicast traffic drop happens if IGMP (Internet Group Management Protocol) snooping is configured without an IRB (Integrated Routing and Bridging) interface association.
1699216	Traffic impact is observed when OSPF adjacency gets stuck in exstart or exchange state Product-Group=junos	On Junos EX4100 platform the OSPF (Open Shortest Path First) adjacency establishment will take longer time with more than 90 VRRPv6 (Virtual Router Redundancy Protocol for IPv6) sessions causing traffic disruption.
1728538	EAP dot1x authentication stuck in connecting state Product-Group=junos	EAP (Extensible Authentication Protocol) 802.1x authentication failure is observed on Junos QFX5K and EX4100/EX4300/EX4400 platforms in EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) environment. Authentication gets stuck in the "Connecting" state.
PR Number	Synopsis	Category: EX4400 PFE software
1716902	IGMP/MLD queries may get dropped if received on a port on the backup VC member when IGMP/MLD snooping is enabled Product-Group=junos	On Junos QFX and EX in the VC (Virtual Chassis) scenario, when the switch is acting as pure L2 (Layer 2), and forwarding IGMP (Internet Group Management Protocol)/MLD (Multicast Listener Discovery) query as transit traffic, if IGMP/MLD snooping is enabled then IGMP/MLD queries may get dropped if received on a port on the backup VC member resulting in IGMP/MLD groups to expire.
1733365	Error logs are seen with a non-vxlan dot1x enabled port Product-Group=junos	In a heavily loaded system in a specific scenario (Dot1x in multiple supplicant mode & dynamic vlan from radius server & non vxlan access port) following log message may be captured in the syslog - {bcm_as_dot1x_vxlan_set_mac_learning_mode:1168 dot1x_bd_get failed for bd index 0}. This log is not impacting any functionality.
1736790	EX4400 shaping rate not working as expected Product-Group=junos	On EX platforms shaping rate on 100gig link over 70g not working as expected.
1738384	The 'input-vlan-map push' operation will not work on double-tagged frames Product-Group=junos	On EX4400 platforms, when 'input-vlan-map push' is configured to push an outer VLAN (Virtual Local Area Network) tag on to a double-tagged frame, the egressing frame will be tagged incorrectly. Instead of a push operation, the outer VLAN tag of the ingressing double-tagged frame will be swapped and sent out. This results in unexpected behaviour or traffic loss as the Ethernet frames will not have the expected VLAN tag information.
1747095	LLDP will not work on HGoE VC mode with 40G VCP connections	On EX4400/QFX5120 platforms, having High Gigabit over Ethernet (HGoE) Virtual Chassis (VC) mode in the master, when

	Product-Group=junos	VC members are connected by 40G links, Link Layer Discovery Protocol (LLDP) Bridge Protocol Data Unit (BPDU) from VC master destined to the remote VC members (more than one-hop away) are dropped at VCP interface due to Virtual LANs (VLANs) membership check.
1747878	Packet drop will be observed due to ARP resolution failure in EVPN-VXLAN scenario Product-Group=junos	On Junos Evolved ACX/SRX/QFX/EX (BROADCOM based) platforms, ARP (Address Resolution Protocol) resolution is unsuccessful and packet drop will be seen, when interface mode - access is configured in EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) ERB (Edge Routed Bridging) scenario.
1749312	Connectivity fails intermittently on 802.1x enabled ports Product-Group=junos	On EX4100 and EX4400 platforms performing as Virtual Chassis, host authentication will get stuck in connecting state if 802.1x dynamic VLAN single supplicant mode is enabled on access switch port and complete traffic towards that port will be dropped.
1757431	Whenever IGMP leave request is initiated by receiver unicast traffic to the host IP on the switch port is non-responsive Product-Group=junos	On Junos EX series and QFX5K platforms, having VC (virtual-chassis) when IGMP (Internet Group Management Protocol) snooping is enabled and when there is an mrouter (multicast router) interface present in a non master VC (virtual-chassis) member, IGMP leave packets are sent back to the source interface which impacts the unicast traffic of the end host.
PR Number	Synopsis	Category: EX4400 platform
1700309	EX4400: pps counter does not show correct values for jubmo frames Product-Group=junos	When packets of size bigger than 1518 Bytes are received/transmitted, pps counter value does not show correct value.
1709483	On EX4400, "show chassis environment power-supply-unit" displays only master member's details. Product-Group=junos	On EX4400, "show chassis environment power-supply-unit" displays only master member's details.
1720074	Port will be down when "no-auto-negotiation" is configured on EX4400-48F platform Product-Group=junos	On EX4400-48F platform with Small Form Factor Pluggable 100Base-FX Fast Ethernet Optics, when "no-auto-negotiation" is configured on the interface this results in the interface not coming back online even after deleting "no-auto-negotiation" in interface.
1735786	Port LEDs are not working as expected when the mode is changed from default to EN Product-Group=junos	On EX4400, Show chassis LED output for EN mode does not display the physical LED status correctly- Physical LED functionality works as expected.
1738535	On certain EX platforms when 25G DAC in 4x25G is plugged into PIC port does not come up when used as VC Product-Group=junos	On EX4400, 25G (Gigabits) DAC (Direct Attach Copper) in 4x25G in PIC2 (Physical Interface Cards) when used as VC (Virtual Chassis) ports, link is not coming up and complete traffic block is observed. On EX4100, 25G DAC with 4x25G in PIC 1, link is coming up with 10G but only with partial traffic.
1740579	On EX4400-48F, After phc commit in VC, default storm control config has extra xe	On EX4400-48F, After phc commit in VC, default storm control config has extra xe port config for 0-11 ports and extra ge port

port config for 0-11 ports and extra ge port config for 37-48 ports. This has no functionality impact
Product-Group=junos

config for 37-48 ports. This has no functionality impact

PR Number	Synopsis	Category: EX POE
1743547	EX Series: Removal of notice about the availability of new POE firmware and the prompt to upgrade the same Product-Group=junos	When there is newer POE firmware version available in the Junos Software, "show poe controller" command output displays the availability details to upgrade
1744343	Enhancement of PoE Controller Firmware upgrade procedure Product-Group=junos	PoE firmware upgrade gets stuck in an incompatible controller scenario leading to POE not working.
PR Number	Synopsis	Category: Express PFE CoS Features
1738981	DSCP classifier is not created on IP interfaces Product-Group=junos	On Junos QFX10k platforms, on configuring diffServ code point (DSCP) classifier and when inet or inet6 is configured with custom dot1p on interface, default dscp classifiers are not getting removed properly.
PR Number	Synopsis	Category: Express PFE including evpn, vxlan
1750468	L3VPN traffic destined for hosts learned over IRB/VXLAN will get dropped on QFX10K platforms Product-Group=junos	On QFX10K platforms in the DCI (Data Center Interconnect) scenario with EVPN-VXLAN traffic flow traversing over L3VPN, some packet drops will be observed when packets received over L3VPN with VPN label and destined to host learned over IRB/VXLAN tunnel.
PR Number	Synopsis	Category: Express PFE L2 fwding Features
1746435	QFX10002-60c port et-0/0/30 part of a lag is dropping peer ARP reply after configuring a GRE tunnel Product-Group=junos	GRE IFL configuration was changing the physical port's igport attributes in IGP.
1748500	Traffic drop will be observed when Label MPLS traffic egressing out on the IRB interface as IPV4 Product-Group=junos	On QFX10K platforms, Label MPLS (Multiprotocol Label Switching) (labeled-unicast) traffic egressing out on IRB (Integrated routing and bridging) interface as IPV4 traffic can get dropped.
PR Number	Synopsis	Category: Enhanced Broadband Edge support for firewall
1719427	The subscribers will be stuck in a terminated state when an FPC is taken offline Product-Group=junos	On MX platforms, If a Flexible PIC Concentrator (FPC) is taken offline while it has Broadband Edge (BBE) subscribers over it, due to timing issues a few subscribers state on the FPC may not get properly cleaned up and will be stuck in a terminated state. This can adversely affect subsequent subscriber logins which fail

with an "orphaned filter" error.

PR Number	Synopsis	Category: SRX4100/SRX4200 platform software
1739559	SRX4100/4200 accepts the datapath-debug configuration although it does not support it Product-Group=junos	It is possible to set and commit the datapath-debug configuration on platforms SRX4100/SRX4200 although datapath debugging is not supported on those platforms. because of this unsupported configuration being accepted the RE (Routing Engine) load can go high and cause traffic outage. The workaround is to remove the datapath-debug configuration and perform a commit.
PR Number	Synopsis	Category: Signature Database
1741887	Multiple network issues are seen after the upgrade with lower IDP packet-log total-memory percentage Product-Group=junos	On Junos SRX platforms, before the upgrade, if the IDP 'packet-log total-memory percentage/packet-log max-sessions' is configured lower than the default value of 10% then while upgrading, the boot time commit will fail and the device will go to an amnesiac state causing multiple issues.
PR Number	Synopsis	Category: Integrated Routing & Bridging (IRB) module
1629345	Inter vlan ipv6 traffic loss for some hosts after configuration remove and restore. Product-Group=junos	For a topology with VSTP and VRRP configured and IPV6 traffic, if VSTP bridge priority is changed a couple of times (to trigger toggling of root bridge), it is possible that V6 traffic drop is seen on some of the streams.
PR Number	Synopsis	Category: ISIS routing protocol
1719033	The rpd process crashes when TI-LFA is enabled Product-Group=junos	On all Junos and Junos Evolved platforms, the rpd is seen to crash when TI-LFA (Topology-Independent Loop-Free Alternate) is enabled and there are ECMP (Equal-Cost Multipath) routes present.
1725686	Unnecessary SPF calculation is causing high CPU utilization Product-Group=junos	On all Junos and Junos Evolved platforms, very frequent SPF (Shortest Path First) calculation, being caused by leaking multiple prefixes across the IS-IS areas, is causing high CPU utilization.
1746349	Traffic loss observed in SR-LDP stitch scenario when ECMP is enabled on PTX platforms Product-Group=junos	On PTX platforms, ISIS SR-LDP stitching using mapping server could result in traffic drops on some legs of an ECMP if there are more than 8 ECMP paths and not all paths are via the same neighbor node.
1752551	Traffic drop is seen if chained-composite-next-hop is turned on for Segment Routing Product-Group=junos	On all Junos and Junos Evolved platforms, Traffic drop is seen if chained-composite-next-hop is turned on for Segement Routing ISIS because backup path is programmed as a POP in Composite-next-hop (CNH) and Push in Forwarding-next-hop (FNH).
PR	Synopsis	Category: jdhcpd daemon

Number

1694952	Auto-image-upgrade knob is not present when EX-VC is zeroized and VC is formed Product-Group=junos	When EX series VC (Virtual Chassis) members are zeroized or if it is powered on for the first time after halt, "set chassis auto-image-upgrade" configuration is not configured during the process of ZTP (Zero-touch Provisioning) flow and VC formation. Absence of this configuration will not allow user to download configuration and images via ZTP.
1722082	DHCP binding is not happening in EVPN VXLAN topology with DHCP stateless relay (forward-only) Product-Group=junos	In EVPN VXLAN topology with DHCP stateless relay (forward-only) configured at layer 3 gateways, Jdhcpd broadcasts snooped unicast offer packets. That leads to the offer getting dropped on its way to the client and then the IP negotiation fails.
1742696	Address allocation for DHCP client will fail if 'force-discover' configuration is enabled on client Product-Group=junos	Junos based platforms operating as DHCP-client with 'force-discover' knob enabled, will get stuck in requesting state when DHCP-Server is not responding. Client will face login failure and thus traffic would be impacted.
1752804	Delay in getting IP through DHCP cause traffic loss Product-Group=junos	On all Junos and Junos Evolved platforms, DHCP IP negotiation will be delayed due to inform processing at Junos relay, when a client sends inform message to server and DHCP server doesn't respond with inform ack message and the client immediately does DORA to obtain IP.
PR Number	Synopsis	Category: JFlow bug tracker for SRX platforms
1749830	SPC3 PIC crash Product-Group=junos	SPC3 PIC will crash when the SPU is in dedicated Cp mode "SPU Cp" and Jflow information is queried by vty command. This fix will prevent jflow related queries from vty when the SPC3 SPU is in dedicated CP mode and jflow is initialized on SPU ins this mode.
PR Number	Synopsis	Category: Issues related to Junos Kernel Debug Streaming Daemon (jkdsd)
1734718	Junos OS: jkdsd crash due to multiple telemetry requests (CVE-2023-44188) Product-Group=junos	A Time-of-check Time-of-use (TOCTOU) Race Condition vulnerability in telemetry processing of Juniper Networks Junos OS allows a network-based authenticated attacker to flood the system with multiple telemetry requests, causing the Junos Kernel Debugging Streaming Daemon (jkdsd) process to crash, leading to a Denial of Service (DoS). Continued receipt and processing of telemetry requests will repeatedly crash the jkdsd process and sustain the Denial of Service (DoS) condition. Please refer to https://supportportal.juniper.net/JSA73152 for more information.
PR Number	Synopsis	Category: jl2tpd daemon
1720994	L2TP tunnels may time out if creation of bbe-smgd core dump takes a long time. Product-Group=junos	In a subscriber-management environment, L2TP tunnels may time out if bbe-smgd crashes with core dump if creation of the core dump takes longer than the effective L2TP timeout.

PR Number	Synopsis	Category: Flow Module
1704623	Core dump will be seen when user is changing interface configuration Product-Group=junos	On SRX platforms with ALG (Application Layer Gateways) configured, frequent interface configuration changes will generate one or more core dumps after the flowd process crashes.
PR Number	Synopsis	Category: High Availability/NSRP/VRRP
1736498	In SRX MNHA cluster setup the RSI takes long time to generate Product-Group=junos	In SRX MNHA cluster setup the RSI takes long time to generate on the MNHA backup node. The RSI includes the command "show security flow session session-state warm" which will collect all the sessions in warm state on the MNHA backup node - this output can be extensive and RSI is being generated an extended period of time, in known instances this was 1-2 hours.
PR Number	Synopsis	Category: User Firewall related issues
1755593	Users authenticated via captive portal experience a noticeable delay of atleast 2-5 mins Product-Group=junos	On all SRX platforms, the user-firewall configuration in policy with push-to-identity enabled may cause a delay in web-authenticating the users.
PR Number	Synopsis	Category: IPSEC/IKE VPN
1745174	IPSEC VPN does not come up in NAT-T scenario Product-Group=junos	On all SRX platforms with IPSEC (Internet Protocol Security) VPN (Virtual Private Network) configured with main mode, if SRX is the VPN initiator and NAT-T (Network Address Translation-Traversal) is configured (which is by default), the IPsec VPN tunnel does not come up. This is a timing issue and occurs when a tunnel delete or rekey occurs.
PR Number	Synopsis	Category: Security platform jweb support
1736942	Junos OS: EX and SRX Series: A PHP vulnerability in J-Web allows an unauthenticated to control important environment variables (CVE-2023-36845) Product-Group=junos	A PHP External Variable Modification vulnerability in J-Web of Juniper Networks Junos OS on EX Series and SRX Series allows an unauthenticated, network-based attacker to control certain, important environments variables. Utilizing a crafted request an attacker is able to modify a certain PHP environment variable leading to partial loss of integrity, which may allow chaining to other vulnerabilities. For more information see https://kb.juniper.net/JSA72300
1748078	Cannot add custom defined security address-book under Security Policies & Objects > Security Policies > Create > Source Zone > Select Sources. Product-Group=junos	In the J-Web UI for SRX Series Firewall, when you configure the source zone for addresses in the security policy rule, the customized address-book entries are not displayed. J-Web displays only any-ipv4 and any-ipv6.
PR	Synopsis	Category: Junos Selective Update infrastructure

Number

1732878	The Junos Selective Upgrade (JSU) version is not removed post a major Junos upgrade/downgrade Product-Group=junos	There is no functional impact but the previously installed JSU will show up even though it is deleted during major upgrade. This PR will fix that issue. Workaround is to remove /packages/sets/active/junos-version file.
PR Number	Synopsis	Category: Layer 2 Control Module
1739975	Layer 2 traffic will be dropped on VSTP disabled interface Product-Group=junos	On Junos platforms, Whenever an interface is disabled under VSTP (VLAN Spanning Tre Protocol) configuration, the issue will be seen in the following cases. 1. When interface, IFBD (Interface Family Bridge Domain) and VSTP, configured via single commit. (In case of new configuration) 2. When VSTP configurations are present and chassisd restarts/device reboots, then issue will be seen. (During ifd delete and add, issue will be seen)
1745102	BPDU Protection with packet-action drop support on QFX10002-60C Product-Group=junos	BPDU Protection with packet-action drop support on QFX10002-60C
1763053	LLDP neighborship will not be formed on all Junos devices Product-Group=junos	On Junos and Junos OS Evolved platforms, LLDP (Link Layer Discovery protocol) neighborship will not come up on local device if the local device is using Junos version lower than 21.4R3-S2 or lower than 22.3 and remote device is using Junos version higher than 21.4R3-S2 or 22.3.
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX
1727954	On all Junos and Junos Evolved platforms the l2ald process memory usage is seen to increase over time Product-Group=junos	On all Junos and Junos Evolved platforms service impact is seen due to a consistent increase in l2ald (Layer 2 Address Learning Daemon) memory usage.
1743282	The l2ald crashes when there is recursive deletion of IFBD or when BGP neighborship is cleared in EVPN-VXLAN multi-homed configuration Product-Group=junos	On all Junos and Junos OS Evolved platforms, in a rare scenario, due to timing issue, the l2ald (Layer 2 Address Learning Daemon) crashes and traffic is being blackholed due to recursive deletion of IFBD (Interface Family Bridge Domain) or when BGP (Border Gateway Protocol) neighborship is cleared when EVPN (Ethernet Virtual Private Network) - VXLAN (Virtual Extensible Local Area Network) with multi-homed is configured.
PR Number	Synopsis	Category: Label Distribution Protocol
1687834	After disable/enable MPLS, targeted LDP session is not getting established Product-Group=junos	In MPLS (Multi Protocol Label Switching) environment, for an established LDP (Label Distribution Protocol) over an RSVP (Resource Reservation Protocol) targeted session, when 'set protocols mpls disable' is configured and then removed, the targeted LDP session does not get re-established.

PR Number	Synopsis	Category: authd (AAA) library code
1725143	The show command reports APM not connected when in fact it is connected. Product-Group=junos	When the APM server does not send a system-id, the output of the 'show network-access address-assignment address-pool-manager status' command reports APM not connected. We changed the output for the command to clarify the APM status.
PR Number	Synopsis	Category: Port-based link layer security services and protocols that a
1715308	MACsec may not work after reboot on EX4XXX and QF5XXX platforms with MACsec hard enforcement license enabled Product-Group=junos	MACsec may not work after reboot on EX4XXX and QF5XXX platforms with MACsec hard enforcement license enabled. As a result, traffic may not resume after reboot on MACsec enabled interfaces.
PR Number	Synopsis	Category: SW PRs for MPC10E Interfaces
1745317	MPC10E - PIC bounce/config change on a PIC with 10G QSA adaptor can cause a FPC restart Product-Group=junos	On MPC10E, if the PIC bounce (offline/online) or a config change is triggered with a PIC that has a QSA adaptor plugged in, the entire FPC can restart because of a core. The issue is only applicable to MPC10E platform. PIC bounce can cause the PFEMAN to hang, resulting in a fabric blackhole. This eventually will cause the entire FPC to restart because of the cmerror action.
PR Number	Synopsis	Category: SW PRs for MPC10E PlatformD
1706623	Physical interface stays down when port speed configured on MPC10 cards and above Product-Group=junos	On MPC10E and above line cards, when port speed is changed, AFT Core and FPC restart are observed with PIC bounce.
PR Number	Synopsis	Category: Multiprotocol Label Switching
1705964	Member LSPs of a container LSP will be torn down unexpectedly Product-Group=junos	On all Junos and Junos Evolved platforms, in a rare sequence of events, member LSPs will be unexpectedly torn down with no change in traffic rate. The issue happens when normalization is triggered in shorter intervals when Patherr failure/auto bandwidth adjustment fails on member LSPs and enough valid samples are not received before normalization could occur during failover. Traffic drop will be seen if the new set of LSPs after the deletion is not able to accommodate a larger required bandwidth.
PR Number	Synopsis	Category: For multicast snooping on MX
1649410	"show multicast snooping route extensive instance evpn-vxlan-A" with vlan filter is not showing VE,AR mesh group route entries Product-Group=junos	"show multicast snooping route extensive instance evpn-vxlan-A" with vlan filter will show all the mesh group routes present in the MCSNOOPD table.

PR Number	Synopsis	Category: DNS filtering on MX.
1733435	23.2R1 :USF_DNSF:log messages are not generated when Sending MX query with domain name in black list with action as report after configure the web filtering with one/morep profile and template. Product-Group=junos	DNS Sinkhole functionality on MX will not work without fix for this PR.
PR Number	Synopsis	Category: MX Timing software
1704633	Interface flaps are seen after PTP GM changes to a different FPC slot Product-Group=junos	On MX platforms, when PTP (Precision Time Protocol) is configured, the interfaces will flap after the PTP GM (Grand Master) is changed to a different FPC (Flexible PIC Concentrators) slot. The flaps can last for several seconds. Chassis-SyncE clock is also influenced by PTP phase change.
1738458	PTP time sync issues after release upgrade or rebooting the device Product-Group=junos	On all MX platforms with 20x1GE MICs (Modular Interface Card), PTP (Precision Time Protocol) downstream client cannot receive an accurate clock from the router after an upgrade or FPC restart which impacts the PTP functionality.
1746541	MPC10E line card crashes when it reboots after FPC firmware upgrade Product-Group=junos	On MX240/MX480/MX960 platforms, if Precision time protocol (PTP) is configured, MPC10E line card crashes continuously after FPC firmware upgrade and when MPC10E line card is rebooted. Due to this issue, the clksyncd module also crashes.
1746984	PTP master feature will not work as expected Product-Group=junos	On MX240/MX480/MX960 platforms with SCBE3 (Enhanced Switch Control Board), PTP (Precision Time Protocol) master feature shall not work as expected. The qualified PTP CLK (8k) from RE (Routing Engine) will not propagate to other Line cards that are acting as Master to downstream nodes.
1750316	SyncE stuck in holdover upon PTP slot switchover without change in PTP phase align state Product-Group=junos	SyncE stuck in holdover upon PTP slot switchover without change in PTP phase align state.
PR Number	Synopsis	Category: MX10K platform
1719915	Removing a PEM that doesn't have power feed does not generate the SNMP TRAP for "Power Supply Removed" Product-Group=junos	If a display power entry module (PEM) doesn't have power feed by turning the power switch OFF, removing the PEM physically will not generate the SNMP TRAP "Power Supply Removed."
1751785	FPC reboots observed during ISSU on MX10008/MX10016 resulting in ISSU being unsuccessful Product-Group=junos	Unified in-service software upgrade (ISSU) on MX10008/MX10016 containing LC480 cards might fail and result in the FPCs to reboot causing traffic interruption and potential service impact. ISSU error would also be reported during this time and lead the reboot of the FPCs.
PR	Synopsis	Category: OS IPv4/ARP/ICMPv4

Number		
1722708	ksyncd core with dhcp subscribers Product-Group=junos	On all Junos platforms, in a very rare scenario, when subscriber-management and NSR is enabled, there could be a temporary transition state where one subscriber prefix has 2 nexthop referred. In that state if a deletion happened for that particular prefix, the nexthop deletion is successfully done one master RE but the deletion is failed on the backup RE. This eventually causes nh index inconsistency and then ksyncd core on backup RE. The fix is to make sure the deletion on the backup can be done successfully.
1735686	The message "kernel: %KERN-6: ARP UNICAST MODE 0; retrans_timer - 8" might be seen when commit command is run for configuration which is not related to ARP Product-Group=junos	"kernel: %KERN-6: ARP UNICAST MODE 0; retrans_timer - 8" message might be seen when commit command is run for configuration which is not related to ARP
PR Number	Synopsis	Category: "ifstate" infrastructure
1735685	Control plane flap, data drop, unexpected behavior of PFE or device is observed when file storage is impacted in a continuous ksyncd process crash scenario Product-Group=junos	On all Junos platforms configured with GRES (Graceful Routing Engine Switchover), file storage in the system will get affected when the ksyncd process crashes continuously and result in control plane flap, data drop or unexpected behavior of PFE (Packet Forwarding Engine) or device.
PR Number	Synopsis	Category: Kernel MPLS / Tag / P2MP Infrastructure
1747365	rpd crash observed during RE switchover or Route Convergence Product-Group=junos	On Junos EX and QFX platforms, where in few cases during an RE (Routing Engine) switchover (caused by rpd crash on the master RE), rpd (routing protocol daemon) crash is observed on the backup RE once it becomes the master. This results in complete network outage.
PR Number	Synopsis	Category: JUNOS Network App Infrastructure (for ping, traceroute, etc)
1746779	show system connections show-routing-instances; reports all routing-instances as unknown. Product-Group=junos	show system connections show-routing-instances; reports all routing-instances as unknown.
PR Number	Synopsis	Category: OSPF routing protocol
1737978	OSPFv3 using the VIP address on the IRB interface will not form adjacencies between peers Product-Group=junos	OSPFv3 may not form adjacencies on IRB interfaces with VRRP configuration.
PR Number	Synopsis	Category: Express Chip L3 software

1738541	Traffic drop observed when next-hop installation fails in a high-scale multicast/unicast scenario Product-Group=junos	On Junos PTX and QFX10K platforms, when the Flabel (Fabric Label) memory exhaustion occurs due to the scaled unicast/multicast next-hops and interface flapping i.e. downstream interfaces of multicast flapping, traffic drop is observed for next-hop installation failure in a high-scale multicast/unicast scenario.
1740190	Page allocation and next-hop installation failures on Junos PTX and QFX Product-Group=junos	On certain PTX and QFX platforms, when unicast/multicast and Point-to-multipoint communication (P2MP) next-hops are present at a high scale, which leads to page allocation failures to f-label page allocation and next-hop installation failures, eventually leading to traffic loss.
1743978	GRE over IPv6 will not work resulting in traffic impact post-upgrading the device Product-Group=junos	On QFX10002-60C platform, GRE (Generic routing encapsulation) for IPv6 will not work resulting in traffic impact due to software issues post-upgrading the device from lower than 21.3R1 release.
PR Number	Synopsis	Category: Phone-Home-Client Infrastructure
1726603	Memory leak is observed on all Junos platforms during ZTP Product-Group=junos	On all Junos platforms where ZTP (Zero Touch Provisioning) is supported, memory leak will be seen when system is zeroized for long and left for couple of days.
1736982	Phone-Home redirect config missing for EX4650 after zeroize Product-Group=junosvae	Phone-Home redirect config missing for EX4650 after zeroize
PR Number	Synopsis	Category: Protocol Independant Multicast
1719596	Junos OS and Junos OS Evolved: Receipt of a specific genuine PIM packet causes RPD crash (CVE-2023-44175) Product-Group=junos	An Improper Handling of Exceptional Conditions vulnerability in Juniper Networks Junos OS and Junos OS Evolved allows an attacker to send specific genuine PIM packets to the device resulting in routing protocol daemon (rpd) to crash causing a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA73141 for more information.
PR Number	Synopsis	Category: Issues related to PKI daemon
1694604	IPSEC tunnel is not getting established back after the execution of 'clear security ike sa' Product-Group=junos	On Junos SRX platforms, the IPSEC (Internet Protocol Security) tunnels do not get established after the tunnels are deleted using the command 'clear security ike sa'.
PR Number	Synopsis	Category: Periodic Packet Management Daemon
1739860	The IPv6 link local based BFD session over an AE interface will be stuck in Init state Product-Group=junos	On all MX platforms, when chassis network-services is set in IP mode, the IPv6 Link Local based BFD session over an AE interface will be stuck in init due to the next-hop misprogramming in the PFE.

PR Number	Synopsis	Category: QFX PFE Class of Services
1726124	The class of service subsystem crashed after the device is restarted or the switchover is performed Product-Group=junos	On Junos QFX5100 and QFX5110 platforms in virtual chassis, the cosd crash is observed when the GRES (Graceful Routing Engine Switchover) is performed or the device is restarted, due to which the Class of Service (CoS) functionality will not work. It is a rare issue.
PR Number	Synopsis	Category: DHCP related Issues
1711525	DHCPv6 packets could not be forwarded if it contains the trailer or extra bytes out of the IP stack Product-Group=junos	On all Junos QFX5K and EX platforms with DHCPv6 (Dynamic Host Configuration Protocol) relay configuration, IPV6 (Internet Protocol) assignment could not take place as the DHCPv6 solicit packets containing extra bytes in DHCPv6 header trailer are not getting forwarded to the DHCP server.
PR Number	Synopsis	Category: QFX5K hostpath
1723465	PFE crash is seen on Junos when file-logging is disabled Product-Group=junos	On Junos QFX5K platforms, when file-logging is enabled for ukern_trace handle and the logs are written continuously to the corresponding buffer due to a network issue, disabling file-logging for that handle will cause a PFE crash and will lead to a complete traffic loss.
PR Number	Synopsis	Category: QFX L2 PFE
1730076	Packets received on a port that is in "LACP Detached" state is getting forwarded Product-Group=junos	On all Junos EX46xx/QFX5k (except QFX5100) platforms, child links that are in LACP (Link Aggregation Control Protocol) detached state are up and accepting incoming traffic, expecting it to drop.
1732718	On router reboot an interface in SP style blocks all packets on "family inet/inet6" interfaces if VSTP is configured on vlan-bridge encapsulated VLANs Product-Group=junos	On Junos QFX5K and EX platforms that support Enhanced Layer 2 Software (ELS), VLAN Spanning Tree Protocol (VSTP) on vlan-bridge(L2) blocks all packets on "family inet/inet6"(L3) interfaces configured in SP style when the device reboots. All the L3 interfaces on the specific port will be impacted.
1736348	BFD session remains stuck in INIT state on certain QFX and EX platforms Product-Group=junos	On Junos QFX5120-48Y/EX4650-48Y/QFX5120-32C platforms, when the MAC (Media Access control) address corresponding to a next hop is updated, the BFD (Bidirectional Forwarding Detection) endpoints that are using this Next hop/egress is not picking up the updated MAC address and as result BFD session remains in INIT state and causes traffic impact.
1741316	The traffic drop is observed due to the MAC source address being learned from the wrong direction Product-Group=junos	On Junos EX4300/QFX5200/QFX5210 platforms with VXLAN (Virtual Extensible Local Area Network) enabled, when the ARP (Address Resolution Protocol) request is sent from the device, the MAC (Media Access Control) address is learned from the wrong direction which results in the traffic drop.
PR	Synopsis	Category: QFX L3 data-plane/forwarding

Number		
1666260	Traffic is not restored when l2circuit configurations are deleted and added back on QFX5K Product-Group=junosvae	On Junos QFX5K platforms, flapping the Layer 2 circuit ports or removing and re-adding the configuration on the l2circuit ports, the re-configuration of the access side port fails and traffic ingressing or egressing out of that port gets dropped.
1704489	High CPU utilization causes a latency/slowness issue on QFX platforms Product-Group=junos	On QFX5110 and QFX5120 platforms, latency or slowness issue is observed when the traffic is passing through a layer 3 interface configured with just family inet/family inet6 due to unwarranted MAC lookup. This could lead to traffic loss on that interface.
1709664	BFD sessions flap on EX and QFX platforms Product-Group=junos	On all EX and QFX platforms, BFD(Bidirectional Forwarding Detection) sessions are flapped with VLAN configuration change on LAG interface.
1742763	Traffic drop will be observed after extended-vni-list configuration change with EVPN-VXLAN scenario Product-Group=junos	On Junos QFX5100/QFX5110/QFX5120/QFX5200/QFX5210/EX4100/EX4300-MP/EX4400-XX platforms having Ethernet VPN-Virtual Extensible LAN (EVPN-VXLAN) configured if extended-vni-list configuration is deleted, the network interface is flapped and when extended-vni-list is added back due to this traffic using the Flood NH (BUM) on the device will be lost.
PR Number	Synopsis	Category: QFX MPLS PFE
1731291	Traffic for VLAN-id 2 gets dropped in Ethernet-CCC L2 Circuit on QFX5k/EX4650 platforms Product-Group=junos	On Junos QFX5k and EX4650 platforms traffic drop for VLAN (Virtual Local Area Network) having id 2 will be seen in the Ethernet-CCC (Circuit Cross Connect) L2 circuit. This happens because the VLAN-id is getting stripped at the egress PE (Provider Edge Router) hence causing a traffic drop at the CE (Customer Edge) Router.
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 EVPN / VxLAN
1688323	Traffic loss is observed in IP fabric when there is a change in the underlay network Product-Group=junos	On Junos QFX5K series, EX4400 platforms, configuration-change/protocol flapping/port flapping in Ethernet Virtual private network (EVPN) Virtual Extensible LAN (VXLAN) can cause traffic loss (changes related to the underlay network).
1727119	The EVPN-VXLAN proxy-arp will respond with the wrong MAC when no-mac-learning is configured Product-Group=junos	On all Junos and Junos OS Evolved platforms in the EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) scenario, when the knob "switch-options no-mac-learning" is configured, the mac-ip entry will still be learned even though the MAC learning is disabled

		due to which the proxy ARP (Address Resolution Protocol) will not work properly on the leaf device and it will respond with a wrong MAC address for the ARP request.
1731583	Traffic drops when any of the VXLAN VLAN is deleted Product-Group=junos	On Junos QFX5100, EX4600, QFX5200 and QFX5210 platforms whenever any of the EVPN (Ethernet Virtual Private network) - VXLAN (Virtual Extensible LAN) VLAN (Virtual Local Area Network) is removed from the interface having multiple VXLAN VLANs configured, then the VXLAN traffic for all the other VLANs within that interface is seen to get dropped.
1738205	Traffic drop observed when encapsulation ethernet-bridge is configured on the AE interface associated with VxLAN VLAN Product-Group=junos	On Junos QFX5K and EX4650 platforms, no mac-learning on the interface results in traffic drop due to hardware programming not being updated for the child interface under AE (Aggregated Ethernet) when encapsulation ethernet-bridge is configured on the AE interface associated with VxLAN (Virtual Extensible LAN) VLAN.
1738276	High convergence time in the EVPN-VxLAN uplink failover scenario Product-Group=junos	On Junos QFX5K platforms in the EVPN-VxLAN scenario, due to high convergence time, traffic loss is more than expected when the uplink to the spine disabled (CLI initiated uplink failover).
1740327	The loop-detect is not working in the VXLAN scenario Product-Group=junos	The loop-detect functionality is not working in the Virtual Extensible LAN protocol(VXLAN) scenario enabled with knob "encapsulate-inner-vlan" on Junos QFX5110/QFX5120/QFX5200/QFX5210 platforms. This prevents any loop detection in the looped topology and causes the traffic impact.
1746460	The transit DHCP packets are getting dropped In a bridge (L2) overlay VXLAN network Product-Group=junos	Introduced via PR1636477, in an EVPN-VXLAN CRB architecture, the QFX5K/EX4K leaf switches that are running affected Junos software releases will drop all DHCP discover packets received on its data plane. This issue is applicable to all QFX5K platforms that support VXLAN L2 Gateway functionality such as QFX5100, QFX5110, QFX5120, QFX5200, QFX5210. No specific DHCP knob or DHCP-related configuration is needed on the CRB leaf device is trigger the problem. The impact of this issue can cause DHCP communication failure between DHCP clients and servers over VXLAN L2 VNI. The workaround is to configure IRB (on the EX/QFX platform that supports VXLAN routing) and retry to bind the DHCP clients.
PR Number	Synopsis	Category: QFX10008/16 QFX10002 Ultimat/Elit platform related issues -
1734734	Online SIBs will go down due to a faulty SIB that triggers spmbpfe crash Product-Group=junos	On all the QFX10000 line of switches and PTX Series routers running Junos OS, due to initialization failure of a faulty Switch Interface Board (SIB) in the device, the Switch Processor Mezzanine Board (SPMB) status process, also known as the spmbpfe process, crashes and online SIBs go down.
1742186	SPMB process will crash and PICs will not come online Product-Group=junos	On the QFX10000 line of switches running Junos OS, due to initialization failure of a faulty Switch Interface Board (SIB) in the device, the Switch Processor Mezzanine Board (SPMB) status process, also known as the spmbpfe process, crashes and online SIBs go down. Traffic cannot flow through the line card when

this happens.

PR Number	Synopsis	Category: QFX5100 Interface related issues
1688023	The LLDP output packets are not transmitting on the em0 interface of Junos and Junos OS Evolved platforms Product-Group=junos	On Junos and Junos OS Evolved platforms, if a management Ethernet interface(em0) has an inet or inet6 family configured and "delete interfaces em0" is issued, the Link Layer Discovery Protocol (LLDP) output packets will stop transmitting, causing the LLDP neighborhood to remain down in peer router.
PR Number	Synopsis	Category: QFX5100 Virtual Chassis
1746788	[QFX5K]When RSI(request support information) is executed in the VC configuration, some errors output Product-Group=junos	On QFX5K platform, "request pfe execute ... target fpc" in RSI is always executed on master role in the VC configuration.
PR Number	Synopsis	Category: QFX5200/5110/5120/5210 Platform optics related issues
1738077	Link down due to FEC mismatch on EX4650, EX4400 and Junos based QFX5K platforms using 25G-LR optics Product-Group=junos	In a combination of EX4650 connected to EX4400 and Junos based QFX5K platforms connected to EX4400 using 25G-LR(Long Range) optics, FEC(Forward Error Correction) value mismatch between directly connected devices would cause the link to go down on Junos release version 20.4R3-S8 and above and leads to complete traffic loss.
PR Number	Synopsis	Category: RPD infrastructure issues related to NSR, GRES, switchover,
1727957	The traffic drop is observed during the Graceful restart on Junos and Junos Evolved platforms Product-Group=junos	On all Junos and Junos Evolved platforms, during the time of Graceful restart(GR), the routes in the Multiprotocol Label Switching(mpls).0 table will be updated even when the routing protocols are in the process of re-convergence and have not yet come out of GR. This causes inaccurate routes in the routing table and traffic drop is observed during GR.
PR Number	Synopsis	Category: KRT Queue issues within RPD
1738820	An rpd crash will be observed due to inconsistency between rpd and kernel Product-Group=junos	On Junos and Junos Evolved platforms, an rpd crash will be observed when rpd tries to add composite next-hop with the same parameters as in the kernel existing composite next-hop which is marked deleted but not deleted due to some reference.
PR Number	Synopsis	Category: RPD Next-hop issues including indirect, CNH, and MCNH
1747992	The memory consumption increases due to memory leak Product-Group=junos	On all Junos and Junos OS Evolved platforms, a continuous memory leak is observed due to an allocated socket memory not being freed. This is a minor leak but can lead to significant

		memory usage on highly scaled setups leading to performance and functional impact including system crash beyond a certain point.
PR Number	Synopsis	Category: RPD policy options
1744449	Policy change to a rib-group import-policy configured with global routing-options interface-routes causes the rpd issue on all platforms with EVPN-VXLAN configuration Product-Group=junos	When a user configures "set routing-options interface-routes rib-group " along with an import policy for that particular rib-group, it will result in an unexpected behavior. It could disrupt the rpd or result in the rpd running at 100%. This issue is only related the "interface-routes" being configured in the global routing-options hierarchy with EVPN-VXLAN configuration. This issue won't be seen when routing-options configurations can have "interface-routes" enabled under specific routing instance.
PR Number	Synopsis	Category: RPD route tables, resolver, routing instances, static routes
1742147	Memory leak observed when reconfiguring the flow routes Product-Group=junos	On all Junos and Junos OS Evolved platforms, if the nexthop of a flow route is the same as it was before when reconfiguring flow routes, memory leak occurs. High memory use of routing process daemon(rpd) is seen as a result of this leak. A kernel out of memory message is observed which results BGP flap.
1746439	Route-distinguisher change leads to the route being present in rpd, but not installed in kernel/PFE Product-Group=junos	On On Junos and Junos Evolved platforms, traffic impact will be observed when route-distinguisher change is performed for which route will be present in rpd, but not installed in kernel/PFE. This issue happens when the aggregate route is configured.
PR Number	Synopsis	Category: Resource Reservation Protocol
1723229	The rpd process crash is observed when RSVP LSP at Juniper transit/ingress router receives RESV message with RESVCONF object in multi vendor deployment Product-Group=junos	On all Junos and Junos OS Evolved platforms (For QFX5100, only in Virtual Chassis-VC setup) with RSVP (Resource Reservation Protocol) LSP (Label-Switched Path) configured in multi vendor deployment and Juniper router is acting as a transit/ingress router and RESV (Reservation Request) message is received with RESVCONF object from other vendors, rpd process crash will be observed.
PR Number	Synopsis	Category: Bug and Review Tracking for Segment routing traffic eng
1720031	The rpd process crash will be observed while creating/updating the PCEP tunnel Product-Group=junos	On Junos and Junos OS Evolved platforms, when SR (Segment Routing) PCEP (Path Computation Element Protocol) provisional tunnel is configured along with the template but the template has delegation configured, then the PCEP update message received for creating/updating tunnels is causing the rpd process crash and tunnel creation/update will fail for PCEP provisional tunnel.
1737119	The traffic blackhole will be observed when the SRTE shortcut is configured	On Junos platforms, when the MPLS (Multiprotocol Label Switching) packet reaches the destination router, it will have a

	Product-Group=junos	label that is unknown to the destination router due to a label POP operation miss at the ingress router resulting in the traffic black hole in the scenario SR-MPLS (Segment Routing With Multiprotocol Label Switching) + traffic engineering shortcut is configured.
PR Number	Synopsis	Category: SRX Argon module
1737442	Intermittent core-dumps is received when SMB protocol is enabled on AAMW policy and PFE memory is exhausted Product-Group=junos	On SRX platforms, When Server Message Block(SMB) protocol is enabled on advanced anti-malware(AAMW) policy and PFE memory is exhausted in that condition, SMB and SMTP is calling the same fallback API results high memory utilization. There are two types of cores is generated one is from AAMW plugin and the other is from DNS plugin. Both of them are because memory is exhausted and these high memory utilization can cause PFE process crash which results network outage for a while.
1738656	Traffic drop caused by PFE memory leak on SRX platforms Product-Group=junos	On Junos SRX platforms enrolled into ATP (Advanced Threat Prevention) cloud, memory leak is observed in the PFE (Packet Forwarding Engine) while deletion of few of the signatures which have no hash value. This memory leak results in traffic loss.
PR Number	Synopsis	Category: Remote Access VPN issues on SRX
1732746	nsd crash impacting remote access vpn on SRX devices Product-Group=junos	nsd crash can be observed on SRX platforms when the SSL certificate does not have the common name (CN), Organization Unit (OU) and Organization field, this leads to break in remote access connectivity.
PR Number	Synopsis	Category: security-intelligence feature on SRX
1696110	Junos OS: SRX Series: The PFE will crash on receiving malformed SSL traffic when ATP is enabled (CVE-2023-36843) Product-Group=junos	An Improper Handling of Inconsistent Special Elements vulnerability in the Junos Services Framework (jsf) module of Juniper Networks Junos OS allows an unauthenticated network-based attacker to cause a crash in the Packet Forwarding Engine (PFE) and thereby resulting in a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA73174 for more information.
PR Number	Synopsis	Category: SRX branch platforms
1658968	The DNS information is getting lost when IPCP flaps Product-Group=junos	On all SRX-branch series platforms working as a PPPoE (Point-to-Point Protocol over Ethernet) client and a DHCP (Dynamic Host Configuration Protocol) server, DNS (Domain Name System) information is getting lost, for which the DHCP client won't receive DHCP information and DNS packets will not get resolved to result in the packet drops. This issue happens when the IPCP (Internet Protocol Control Protocol) source address is not getting copied and IPCP is getting flapped due to the interface (DHCP interface) being flapped.

1714620	High latency will be observed while pinging to peer device Product-Group=junos	On Branch SRX Platforms, The delay will be observed while pinging to peer device due to high latency when VLAN(Virtual Local Area Network) tagged DHCP(Dynamic Host Configuration Protocol) packets arrive at IRB (Integrated Routing and Bridging) interface.
1715247	Interface speed stays 100Mbps when removing speed and duplex command separately Product-Group=junos	On SRX branch series, when the interface speed is set to 100Mbps and the link-mode is set to full-duplex, the interface speed remains at 100Mbps even the speed and duplex commands are removed separately.
1719108	OAM not working with flexible-vlan-tagging Product-Group=junos	OAM is not working when flexible-vlan-tagging is enabled
1744108	Commit panic reboot observed after implementing system processes watchdog timeout 180 on SRX hardware platforms Product-Group=junos	On SRX hardware platforms, configuring set system processes watchdog related command causes commit panic reboot. Watchdog related commands are unsupported on SRX hardware platforms.
PR Number	Synopsis	Category: SRX5XX platform
1620982	8-Port Gigabit Ethernet SFP XPIM not passing traffic after software upgrade Product-Group=junos	On SRX550 platform, after doing a software upgrade, 8-Port Gigabit Ethernet SFP XPIM is not passing traffic
PR Number	Synopsis	Category: SSL Proxy functionality on JUNOS
1753540	The flowd process will crash due to memory stress Product-Group=junos	On Junos based SRX platforms in a low memory condition, the flowd process will crash because of memory corruption and crash files will be observed. Traffic flow will be impacted till the time flowd restarts.
PR Number	Synopsis	Category: MX10002 Platform SW - Platform s/w defects
1727985	A panic reboot will be observed due to deadlock on VMhost platforms Product-Group=junosvae	On Junos based VMhost platforms due to disk access issue a panic reboot will be observed with core files. This is a rare issue and traffic will be impacted as the system reboots unexpectedly.
PR Number	Synopsis	Category: SRX-1RU platfom related protocol, QoS, filtering features et
1737721	Junos OS installation using USB can fail on SRX4600 Product-Group=junosvae	On SRX4600 platforms, Junos OS installation using USB can fail due to slow USB detection.
PR Number	Synopsis	Category: ZT/YT pfe firewall software
1738548	DHCP offer is dropped at MX and specific EX platforms when an lt interface is used as	On MX and EX92_XX platforms, the DHCP offer will be dropped when LT interface is used to reach the DHCP server. DHCP relay

	the transport Product-Group=junos	will not work as expected due to this issue.
PR Number	Synopsis	Category: Issues related to broadband edge apps (PPP, DHCP) on Trio ch
1747009	Traffic from subscribers will be dropped by Junos based MX platforms Product-Group=junos	On Junos based MX platforms in enhanced subscriber management scenario, with 'routing-services' and 'rpf-check' feature enabled all traffic from subscribers will be dropped.
PR Number	Synopsis	Category: Trio pfe qos software
1700860	The egress rewrite-rule might not work as expected for traffic entering the AE interface Product-Group=junos	On all MX platforms, if the loss-priority is not explicitly configured on the AE (Aggregated Ethernet) interface, the default classifier is applied, but the loss-priority is not properly set at certain DSCP (Differentiated Services Code Point) code points and the rewrite does not execute as expected.
1732690	Heap memory leak on MPCs used for subscriber termination. Product-Group=junos	Heap memory leak on access MPCs used for subscriber termination may be observed in a subscriber-management environment.
PR Number	Synopsis	Category: Trio pfe stateless firewall software
1682164	Traffic drop is seen after configuring fast-lookup-filter Product-Group=junos	On MX platforms with specific line cards, when fast-lookup-filter (FLT) is used on a highly scaled device, a packet processing loop in PPC will corrupt the internal next-hop lookup, causing a traffic drop.
1737615	MPC1 to MPC13E/LC2101,LC2103,LC480/T4000-FPC5/MPC built-in Trio based line card reboots when subscriber management services are configured Product-Group=junos	When Junos EX, MX, SRX, T platforms with Modular Port Concentrators from MPC1 to MPC13E/LC2101,LC2103,LC480/T4000-FPC5/MPC built-in Trio based line cards are configured with subscriber management services with interface name that exceeds 19 characters, it leads to line card reboot causing service impact.
1742123	Inline-monitoring will not work as expected when more than one instances are configured Product-Group=junos	On all Junos MX and EX9200 platforms, when more than one instances of the "inline-monitoring" service are placed under firewall filter, all prefixes point to the firewall filter first term regardless of the match condition which results in inline-monitoring not working as expected.
PR Number	Synopsis	Category: Trio pfe bridging, learning, stp, oam, irb software
1724925	Traffic loss observed for packets over IRB over LT Product-Group=junos	On all Junos MX with MPC1-9 and EX9K platforms, traffic loss will be seen when a L3 domain (either a VRF or default routing-instance) with an underlying IRB (Integrated Routing and Bridging) interface is stitched to another L2 domain (VPLS domain/ L2circuit/ bridge domain) with a LT (Logical Tunnel) interface acting in the access mode.
1736667	Intermittent flooding of traffic every 40 sec	On MX/EX92K Junos platforms with line cards running MPC

Product-Group=junos

families up to MPC9, Layer2 unicast traffic flow sent on FPC where Pseudowire Subscriber Interfaces (PS interface) is not anchored and the packet contains DMAC as one of the MACs learned behind that PS IFL. Packets with DMAC as that of the Mac learned behind PS IFL is getting flooded from the FPCs where PS IFL is not anchored every 40sec. The impact is that every 40sec traffic sent towards a known MAC will be flooded as this destination MAC was unknown. This traffic shouldn't be flooded arriving at incorrect destinations.

PR Number	Synopsis	Category: Trio pfe I3 forwarding issues
1739854	Major alarms will be observed on the FPC when ALB is enabled under AE interface Product-Group=junos	On Junos MX platforms with MPC2-MPC9 line cards configured with ALB (Adaptive Load Balancing) under AE (Aggregate Ethernet) interface and Network-Services IP mode, when the AE interface comes up initially or activating AE after deactivating, the error logs of "Bad JNH Write to unilist-selector" and "LUCCHIP Uncorrectable ECC" would be observed. These errors will lead to major alarms on the FPC (Flexible PIC Concentrators) causing traffic impact.
PR Number	Synopsis	Category: XMCHIP Related SW Issues
1724841	Memory initialization and scrub operation using PFE's fails Product-Group=junos	On MPC5/6/7/8/9 line cards, the memory initialization/scrub operation using PFE's (Packet Forwarding Engine) may fail in very rarely scenario. If memory scrub at line card initialization fails we may see initialization errors and a large number of PFE traps. Partial to full service impact depending on which event failed.
PR Number	Synopsis	Category: Configuration mgmt, ffp, load-action, commit processing
1562848	The mustd process may crash on all platforms Product-Group=junos	With a large-scale configuration, in rare cases, the mustd may crash. The mustd process, which is responsible for configuration constraint checks, might crash on commit, leading to commit failure.
1663590	Commit failure might be observed on reactivation or commit of specific configurations after the upgrade of the device Product-Group=junos	On all Junos and Junos Evolved platforms, reactivation or commit of specific configurations fails after the upgrade of the device.
PR Number	Synopsis	Category: UI Infrastructure - mgd, DAX API, DDL/ODL
1648744	JDI-RCT:M/Mx: While removing VRRP configs and adding them back, mgd process stuck at 100% and router hangs forever. Product-Group=junos	While removing VRRP configs and adding them back, the mgd process stuck at 100% and the router hangs forever.
1693630	In JUNOS EVO "show display inheritance"	An LSP with whitespace in the name does not display correctly

	does not work correctly for LSPs with whitespace in the name Product-Group=junos	when viewing the configuration using 'show display inheritance'
1726731	After device reboot BGP sessions are not coming up Product-Group=junos	On all EX4100 platforms, after reboot keyadmin utility is not invoked causing the kernel database to not populate with MD5 configuration. Therefore TCP SYN packets from the device are being sent without the MD5 option whereas the other peer is sending SYN packets with the MD5 option, hence TCP connection is not getting established resulting BGP connection being down.
1730336	The rpd crashes and the commit operation fails while pushing a large configuration with the "extend-size" knob enabled Product-Group=junos	On all Junos platforms, when the 'extend-size' knob is configured and a scaled configuration is committed, the rpd daemon crash is seen and the commit operation fails.
1740289	The 'load replace' operation might result in mustd and mgd crash Product-Group=junos	On Junos and Junos Evolved platforms with apply-group configured, mustd and mgd crash might be observed when the 'load replace' operation is performed due to which all the apply-groups will get deleted internally, and respective hierarchies will not be notified.
PR Number	Synopsis	Category: Junos Fusion Satellite Device Infrastructure
1733558	Junos Fusion Satellite device will be stuck in the SyncWait state Product-Group=junos	Post upgrading the Junos Fusion AD (Aggregation Device) to the 21.4 release, the Junos Fusion Satellite devices will be stuck in SyncWait as they are trying to generate the ssh keys before clearing the old keys. The Satellite devices will not be responsive as they are stuck in the SyncWait state leading to traffic loss.
PR Number	Synopsis	Category: For GPRS security features on highend SRX series
1750988	SRX dropping GTP ChangeNotificationRequest messages due to "Non-zero TID/TEID" Product-Group=junos	The change notification request and response gtpv2 messages received with non-zero TEID are being dropped. This might have been in agreement with previous ETSI requirement. But as per latest releases, such messages with non-zero TEID also shall be passed and not dropped.
PR Number	Synopsis	Category: VMHOST platforms software
1726621	Root user is unable to login using public key authentication after reboot or upgrade Product-Group=junos	On all EX92XX series platforms with NG-RE running Junos OS 21.4R1 or higher releases, the root user is unable to login using public key authentication (RSA Keys) after reboot or upgrade and prompts for a password even when password less authentication is configured.
PR Number	Synopsis	Category: usf url filtering related issue
1737670	URL-Filtering few HTTP sites are getting bypassed and redirect is not happening	On Junos MX series platforms with service card (SPC3, MS-MPC and MS-MIC), when the contents in the url-filter-database file

	Product-Group=junos	are in upper case, the URL (Uniform Resource Locator) filtering fails to filter those HTTP (Hypertext Transfer Protocol) URIs (Uniform Resource Identifier) which are meant to be redirected.
1751860	Service PIC enabled with url-filtering may crash and gets into booting loop Product-Group=junos	On MX platforms, with service cards running url-filtering plug-in, when the domain-names are resolved with more than 10 IPv6 or IPv4 addresses, may results in service PIC crash.
PR Number	Synopsis	Category: usf ams related issues
1738300	Eventd running 100% cpu cycle while running AMS statistics related show command continuously Product-Group=junos	On all Junos and Junos Evolved platforms, When 'show interfaces AMS' is executed continuously via CLI or SNMP, eventD spikes. This will not cause any impact.
PR Number	Synopsis	Category: usf ipsec related issues
1744601	With multiple Traffic Selectors having same remote-ip, the traffic works only for first tunnel on MX platforms with SPC3 cards Product-Group=junos	In MX-SPC3 IPsec deployments, if multiple traffic selectors are configured with same remote-ip (different local-ip), the traffic works only for one of the tunnels.
PR Number	Synopsis	Category: usf logging and reporting function related issues
1744563	[USF - SPC3 - LOGGING] "log-tag" is not populated in the cgnat syslogs intermittently Product-Group=junos	Sometimes, the log-tag within a stream is not used in syslog generation.

22.1R3-S4 - List of Known issues

PR Number	Synopsis	Category: JUNOS bugs found in UAC integration
1692398	Connection fails are observed on Junos despite a valid auth entry Product-Group=junos	On Junos platforms, authentication failures and connection drops are observed for a few users when UAC (Unified Access Control) modules fail to look up the roles. <i>Resolved In:</i> junos:20.2R3-S8 junos:20.4R3-S7 junos:21.2R3-S5 junos:21.3R3-S5 junos:21.4R3-S4 junos:22.2R3-S1 junos:22.3R2-S2 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	Synopsis	Category: EX4300 PFE
1720219	PFE process crash is observed on Junos EX4300 platforms	In a rare scenario, due to timing issues, the Packet Forwarding Engine (PFE) crash is observed on Junos EX4300 platforms. This causes traffic loss until

Product-Group=junos

the PFE comes up.

Resolved In: junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5
junos:21.4R3-S4 junos:21.4R3-S5-X1

PR Number	Synopsis	Category: EX4300 Platform
1623215	Traffic loss might be seen when the interface fails to verify the parameter "LOCAL-FAULT" Product-Group=junos	On all EX4300 platforms(excluding EX4300-MP), when the interface fails to verify the interface parameter "Local-fault", traffic loss might be seen. <i>Resolved In:</i> junos:20.2R3-S5 junos:20.4R3-S2 junos:21.1R3-S1 junos:21.2R3-S1 junos:21.3R2 junos:21.3R3 junos:21.4R2 junos:21.4R3-S5-X1 junos:22.1R2 junos:22.2R1
1714117	PFEX process crash observed when device comes up after zeroize or interface configuration deletion Product-Group=junos	On Junos OS EX4300 and EX4300-VC platforms, if zeroize or interface configuration deletion performed, PFEX process crash will be seen when interface/device comes up and there will be traffic loss during the PFE restart. <i>Resolved In:</i> junos:20.4R3-S7 junos:21.1R3-S5 junos:21.2R3-S5 junos:21.3R3-S4 junos:21.4R3-S4 junos:21.4R3-S4-X1
1738406	On EX4300MP-EX4300 mixed VC setup, "show system software sets" command shows 'Pending set' software version even after rebooting. Product-Group=junos	On EX4300MP-EX4300 mixed VC setup, "show system software sets" command shows 'Pending set' software version even after rebooting. <i>Resolved In:</i> junos:21.3R3-S5 junos:21.4R3-S5
1747126	On EX4300-VC, qsfpc_read_mem_page messages might be seen after an upgrade Product-Group=junos	On EX4300 VC setup, "qsfpc_read_mem_page: Rear QSFP+ PIC failed to select addr 127 err 1000" messages may be seen intermittently. There is no functionality impact for these error messages <i>Resolved In:</i>
1749289	On EX4300, "Error requesting CMTFPC SET INTEGER" and "Error requesting SET BOOLEAN" logs may be seen after device boot up. There is no functional impact for the error messages Product-Group=junos	<i>Resolved In:</i> junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S5
PR Number	Synopsis	Category: EX2300/3400 platform
1580560	On EX2300, EX3400, EX4300-48MP and EX4300, Pause frames counters does not get incremented when pause frames are sent. Product-Group=junos	On EX2300, EX3400, EX4300-48MP and EX4300, Pause frames counters does not get incremented when pause frames are sent. <i>Resolved In:</i>

PR Synopsis Category: EX-Series VC Infrastructure

Number		
1700133	One of the Virtual Chassis members on EX4600-VC might be disconnected during VC initialization Product-Group=junos	On EX4600-VC, when "request system reboot all members" is executed, post-reboot one of the VC member/Flexible PIC Concentrator(FPC) might disconnect and join the VC back due to Packet Forwarding Engine (PFE) restart. Traffic loss is seen when FPC is disconnected. <i>Resolved In:</i> junos:20.2R3-S7 junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S4
PR Number	Synopsis	Category: Fireall support for ACX
1737999	Transit VPN traffic towards local CE failed in ARP resolution due to VRF lo0.x RE filter in place Product-Group=junos	On ACX1K/2K platforms, when a lo0.x filter is configured under a vrf type routing-instance, any IPv4 transit traffic that makes ARP request to generate to the CE-facing interfaces will fail in ARP resolution due to the ARP request packets are discard by lo0.x filter if no specific term to accept the IPv4 packets <i>Resolved In:</i> junos:21.2R3-S6
PR Number	Synopsis	Category: JUNOS kernel/ukernel changes for ACX
1735843	Crash on all Junos VMhost platforms due to deadlock panic Product-Group=junos	On all Junos VMhost based platforms, due to heavy disk input/output (I/O) operations, a crash was observed. <i>Resolved In:</i> junos:21.4R3-S5 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	Synopsis	Category: PFE issue for flowd on australia SPU
1727027	No traffic captured with datapath-debug packet-dump Product-Group=junos	Datapath-debug packet-dump can stop capture the transit traffic packets, this is valid for scenario where datapath-debug packet filters with packet-dump are targeting the traffic on the interface with configured firewall filters. <i>Resolved In:</i> junos:20.4R3-S9 junos:22.2R3-S3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: BBE OS Infrastructure library
1732216	'max-db-size' configuration is optional in routers having DRAM greater than or equals to 32GB Product-Group=junos	On Junos MX platforms, to enable Enhanced Subscriber Management feature without 'max-db-size' configuration on router >=32GB DRAM(Dynamic Random Access Memory), router needs to be rebooted only once instead of rebooting twice. <i>Resolved In:</i> evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:20.2R3-S4-J9 junos:21.2R3-S5-J3 junos:21.2R3-S6 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1
PR	Synopsis	Category: Class of Service

Number

1760817	Change in the cosd behaviour due to the CoS interface specific wildcards Product-Group=junos	On all Junos platforms, applying the class-of-service (CoS) interface specific wildcards was leading to an inconsistent behaviour of the class-of-service daemon (cosd) at different times. <i>Resolved In:</i> evo:23.2R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.4R1
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PR Number**Synopsis****Category: Platform PR for 1G/10G LC**

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:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5 junos:22.3R3-S1 junos:23.3R1 junos:23.4R1
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PR Number**Synopsis****Category: 1G/10G LC Timing software**

1583496	Error message seen in clksyncd logs with SyncE/PTP configs "ESYNC-Error:ferrari_zl30362_reg_write: Error, EEC(0) not yet initialized" Product-Group=junos	Error message seen on MX10K8 chassis with SyncE/PTP configurations, This does not affect any functionality, The error seen here because the API called is specific to ferrari platform which needs to be vecterized. <i>Resolved In:</i> evo:22.3R2-EVO evo:22.4R2-EVO evo:23.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R2 junos:22.4R1 junos:22.4R2 junos:23.1R1
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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. <i>Resolved In:</i> junos:22.2R3-S1 junos:22.3R3 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
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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. <i>Resolved In:</i> junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
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PR Number**Synopsis****Category: ACX platform interface issues**

1715924	SFP-T cannot be recognized after detecting an I2C error on	SFP (Small Form-Factor Pluggable)-T can not get discovered on Junos ACX5448 platforms when an I2C (Inter-Integrated Controller) error is seen
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ACX5448
Product-Group=junos

on the device. When this issue happens 'show chassis hardware' cannot show the SFP-T information. To recover from the issue the chassis reboot is required.

Resolved In: junos:21.4R2-J5 junos:21.4R3-S4 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1

PR Number	Synopsis	Category: Layer 3 forwarding, both v4+v6
1380145	On the ACX5448 router, latency is observed for the host-generated ICMP traffic. Product-Group=junos	The "ping" command on an ACX device may show variable latency values. This is expected for host-generated ICMP traffic due to the design of the PFE queue polling the packets from ASIC. <i>Resolved In:</i>
PR Number	Synopsis	Category: Dynamic rendering infrastructure
1681777	Invalid XML output can be seen for RPC get response Product-Group=junos	If the configured data has special characters in it, then rpc get output will not escape these special characters and display the data as it is. For example, if we have configured qos class as , then ---- > the response should have default as response value . <i>Resolved In:</i> evo:21.4R3-S4-EVO evo:22.2R2-J6-EVO evo:22.2R2-S2-J2-EVO evo:22.3R2-S1-EVO evo:22.3R3-EVO evo:22.3X50-EVO evo:22.4R1-EVO evo:23.1R1-EVO junos:21.2R3-S5 junos:21.2X32-D20 junos:21.4R3-S4 junos:22.2R3-S1 junos:22.3R2-S1 junos:22.3R3 junos:22.4R1 junos:23.1R1
1690598	VMX :: Incorrect data encoding format is used for the parameter ISIS extended reachability TLV - max link bandwidth when passed to Influx DB server via GNMI Product-Group=junos	For leaves of data type ieee float32, the value will be encoded in bytes while being streamed to collector. The value contained in such leaves may not be completely accurate. <i>Resolved In:</i> evo:23.3R1-EVO junos:23.3R1
PR Number	Synopsis	Category: EVPN Layer-2 Forwarding
1758677	Traffic flooding for hardware programming failure Product-Group=junos	Issue 1: On QFX5K and EX platforms, SVLBNH (shared VXLAN load balancing next hop) info is not getting programmed in PFE during re-sync attempts when hardware programming by l2alm to PFE fails initially resulting in traffic flooding when VPLAG is configured, and BGP flaps. Issue 2: On all Junos platforms, l2alm sends a delete request for control MAC addresses to l2ald after multiple hardware sync failures resulting in traffic flooding. <i>Resolved In:</i> evo:20.4R3-S9-EVO evo:21.2R3-S7-EVO evo:21.3R3-S5-EVO evo:21.4R3-S5-EVO evo:22.2R3-S3-EVO evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.3R3-S5 junos:21.4R3-S5 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: EX4100 PFE

1752756	EX4100 : L2ALD_IFBD_COUNT_EXCEED is not generated when exceeded max number of vmember Product-Group=junos	On EX4100, there is no log L2ALD_IFBD_COUNT_EXCEED even though exceeded max number of vmember. <i>Resolved In:</i> junos:22.2R3-S3 junos:22.3R3-S1 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: EX4100 RE, Platform Infra, Drivers
1648739	EX4100: Jvision FAN and power supply names don't match with CLI Product-Group=junos	EX4100: Jvision FAN and power supply names don't match with CLI <i>Resolved In:</i> junos:22.2R2 junos:22.3R1 junos:22.4R1
PR Number	Synopsis	Category: EX4400 platform
1697678	The "show chassis led" output is not working as expected for beacon LED Product-Group=junos	On all EX platforms, whenever beacon LED functionality is enabled, there is a mismatch between the physical LED status and the output of the CLI command ?show chassis led? showing incorrect port LED status for interfaces as LED up instead of off. <i>Resolved In:</i>
1731345	EX4400: Some log messages may get flooded in heavily loaded system. Product-Group=junos	In rare scenarios in a heavily loaded system when syslog level is set to all, following log messages may get flooded - { ifinfo[72742]: PVIDB: Attribute 'ifinfo.pad_to_minimum_frame_size' not present in Db}. Recommendation is not to set syslog level to all. <i>Resolved In:</i> junos:22.2R3-S1 junos:22.3R2-S2 junos:22.3R3 junos:22.3R3-S1 junos:22.4R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
1739691	Physical interface xe is not created on EX4400 Product-Group=junos	On EX4400 platform with 4x25G uplink module, if 10G optics is configured and 10G BASE-T xcvr is plugged in, xe physical interface will not be created. <i>Resolved In:</i> junos:22.2R3-S1 junos:22.3R3 junos:22.3R3-S1 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
1753576	Runt frames generate excessive traffic statistics on EX4100/EX4400 platforms Product-Group=junos	On EX4100/EX4400 platforms with Multi-rate gigabit ethernet (MGE) ports , incorrect register is read for the runt counter and the calculation logic generates a big value. As these bytes are part of input octets, it displays incorrect value. <i>Resolved In:</i> junos:21.3R3-S5 junos:21.4R3-S5 junos:22.2R3-S2 junos:22.3R2-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: ACX500/1000/2000/4000 timing software
1755852	[TWM Clocking Solution] - PTP packets are not processed over GE interfaces of ACX2200 with	Due to software issue with initialization sequence, the PTP encapsulation does not get applied with PTP configuration on ge interfaces. Because of this, PTP feature is impacted on ge interfaces.

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Product-Group=junos

Resolved In: junos:21.2R3-S7

PR Number	Synopsis	Category: Kernel software for AE/AS/Container
1747289	VRRP traffic will drop when the member link from the AE bundle is deleted, even if there are active members in the AE bundle Product-Group=junos	On Junos using afeb/tfeb way of communication to PFE that is MX80/MX104 platforms with Virtual Router Redundancy Protocol (VRRP) configured, deleting a member link from the Aggregated Ethernet (AE) bundle removes the VRRP filter entry in the Packet Forwarding Engine (PFE) which causes VRRP traffic to get dropped even though other active member links in the AE bundle exists. <i>Resolved In:</i> junos:20.4R3-S9
PR Number	Synopsis	Category: ISIS routing protocol
1753003	The rpd crashes on all Junos and Junos Evolved platforms with IS-IS, segment routing and flex algo configured Product-Group=junos	On all Junos and Junos Evolved platforms, with IS-IS, segment routing and flex algorithm enabled, when the route from ribgroup is deleted due to interface flap, it leads to crash of the infra module as route entry table does not match with the rtbit table (which is passed from IS-IS). <i>Resolved In:</i> evo:21.2R3-S7-EVO evo:22.2R3-S3-EVO evo:22.3R3-S2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.3R2-EVO evo:23.4R1-EVO junos:21.2R3-J12 junos:21.2R3-S5-J16 junos:22.2R3-S3 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: Addresses ALG issues found in JSF
1728638	SIP ALG not working for SIP traffic with MIME header and traffic is dropped Product-Group=junos	On all MX and SRX platforms, SIP ALG (Session Initiation Protocol Application Layer Gateway) not working as SIP (Session Initiation Protocol) packets with MIME (Multipurpose Internet Mail Extensions) header causes traffic to be dropped. <i>Resolved In:</i> junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S5 junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
PR Number	Synopsis	Category: all logging related bugs on srx platforms
1708116	Log streaming Hosts configured as FQDN may fail when DNS re-query is performed Product-Group=junos	On SRX platforms, log streaming using FQDN requiring DNS name resolution may fail to re-query resulting in FQDN resolution to fail. <i>Resolved In:</i> junos:21.2R3-S6 junos:21.2X32-D20 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.3R1
PR Number	Synopsis	Category: Security platform jweb support

1698386	Junos OS: J-Web: Multiple Vulnerabilities in PHP software Product-Group=junos	PHP software included with Junos OS J-Web has been updated from 7.4.30 to 8.2.0 to resolve multiple vulnerabilities. Please refer to https://supportportal.juniper.net/JSA71653 for more information. <i>Resolved In:</i> evo:23.2R1-EVO evo:23.3R1-EVO junos:23.2R1 junos:23.3R1
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX
1724489	Help string "Display information for a specified VLAN" is changed to "Display information for a specified bridge domain" Product-Group=junos	On Junos MX platforms, the help string for CLI command "show mac-vrf forwarding flood?" vlan-name is changed from "Display information for a specified VLAN" to "Display information for a specified bridge domain" <i>Resolved In:</i> evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: MX Timing software
1652275	PTP Playback Engine reset error is reported sporadically with PTP FPGA Firmware version A4 7 Product-Group=junos	On Junos MX platforms, the PTP Playback Engine reset error is reported sporadically with PTP FPGA Firmware version A4 7. It has No functionality impact. <i>Resolved In:</i> evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:20.4R3-S8 junos:21.2R3-S6 junos:22.2R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	Synopsis	Category: MX104 Software - Chassis Daemon
1747532	The PFE crash will be observed when configuring the 'per-unit-scheduler' on the MACSEC MIC interface Product-Group=junos	On MX104 platform with MACSEC MIC, the 'per-unit-scheduler' configuration on the MACSEC MIC interface results in the PFE crash leading to traffic impact. <i>Resolved In:</i> junos:20.4R3-S9 junos:21.2R3-S7
PR Number	Synopsis	Category: OS IPv4/ARP/ICMPv4
1763706	Routing Protocol session down with native VLAN configuration on MX platforms Product-Group=junos	On certain Junos MX platforms, the IS-IS (Intermediate System to Intermediate System) sessions will not come up/keep flapping when the native VLAN (Virtual Local Area Network) is configured on the associated l3 interface. There will be traffic loss due to the routing protocols being down and the workaround for the issue is to remove the native VLAN configuration. <i>Resolved In:</i> junos:22.2R3-S3 junos:22.4R2-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: FreeBSD Kernel Infrastructure
1691036	NTP time drift Product-Group=junos	NTP time drift on the affected Junos releases. Earlier implementation of kvmclock with vDSO (virtual Dynamic Shared Object) which helps avoid the

system call overhead for user space applications had problem of time drift, the latest set of changes takes care of initializing the clock after all auxiliary processors are launched so that the clock initialization is accurate.

Resolved In: junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1

PR Number	Synopsis	Category: PFE Peer Infra
1747077	Error message: 'Minor potential slow peers are: X' seen on Junos based platforms Product-Group=junos	On all Junos platforms with dual RE, error message: 'Minor potential slow peers are: X' will be seen. Due to some reason the PFE/PIC will be slow and services will face latency issue. the peerbuf list gets full, peer proxy could not enqueue further IPCs (ifstate chain/peer update to backup gets stalled) causing pfe/pics to be a slow consumer, this impacts service on the device. <i>Resolved In:</i>
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. <i>Resolved In:</i> junos:20.4R3-S8 junos:21.2R3-S6 junos:21.4R3-S5 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	Synopsis	Category: QFX L2 PFE
1763116	VPLAG misprogramming 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 Chassis Port Link Aggregation) misprogramming in hardware resulting in traffic flooding. <i>Resolved In:</i> junos:21.4R3-S5 junos:22.2R3-S3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	Synopsis	Category: QFX EVPN / VxLAN
1721297	FPC crash on QFX5120-48Y Product-Group=junos	If we observe any slowness in accessing the VTY and could see any hogging/scheduler slip messages in syslog. It is advised to run the debug commands manually, instead of running it via RSI. <i>Resolved In:</i> junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR	Synopsis	Category: QFX5100 Interface related issues

Number

1665800	Ports with SFP-T 1G plugged in may go to hung state on QFX5100 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:22.2R3-S1
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PR Number**Synopsis****Category: QFX5100 Virtual Chassis**

1718062	VCP ports on 10G not coming up after reboot Product-Group=junos	In a VC of QFX5100-24Q with an expansion module EX4600-EM-8F, if VC is formed on 10G ports then after the reboot of VC, the 10G connections will be lost and the line card will show as not present. This will impact traffic on the 10G ports after connection is lost. <i>Resolved In:</i> junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S5
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[1729067](#)

Traffic loss will be observed due to CRC errors with QSFP+-40G-ACU10M plugged
Product-Group=junos

On QFX5K platforms with QSFP+-40G-ACU10M and Virtual Chassis configured, traffic loss will be observed due to CRC (Cyclic redundancy check) errors.

Resolved In: junos:19.4R3-S13 junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:23.3R2 junos:23.4R1

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. <i>Resolved In:</i> evo:22.2R3-S2-EVO evo:22.3R3-S1-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
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PR Number**Synopsis****Category: ZT/YT pfe l3 forwarding issues**

1708283	Cosmetic logs may appear on MX platforms during ISSU Product-Group=junos	On MX platforms during ISSU (In-Service-Software-Upgrade) logs like the following may be seen: "marrow fpcx issu_stats_save: Failed to create counters for Tag = 23, Key = IFL_FC_CNTR_STATS:(345,16) xe-x/x/x.xxx, status = invalid argument?. These logs do not have any service impact. <i>Resolved In:</i> evo:23.2R1-EVO junos:23.2R1
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[1719763](#)

L2 circuit connection not working with flow-label knob
Product-Group=junos

On Junos MX platforms, packet drop is seen in Layer 2 circuit when flow-label is enabled along with control-word and the egress Provider Edge (PE) core facing interface is on MPC10E/11E/LC9600/MX304-LMIC16. Certain

flows will get punted to RE (Routing Engine) instead of getting forwarded.

Resolved In: evo:22.3R3-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:20.3X75-D46 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S3-J1 junos:21.4R3-S4 junos:22.2R3-S3 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1

PR Number	Synopsis	Category: Trio pfe bridging, learning, stp, oam, irb software
1731564	VPLS traffic gets blackholed by qualified-bum-pruning mode Product-Group=junos	<p>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.</p> <p><i>Resolved In:</i> evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.4R3-S7-J1 junos:20.4R3-S8 junos:21.2R3-S6 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1</p>
PR Number	Synopsis	Category: usf flow and datapath issue on SPC3
1750634	Traffic transfer is impacted for SPC3 CPU cores over the affected PCIe bus during SPC3 card bootup Product-Group=junos	<p>On MX and SRX platforms with SPC3 card, SPC3 (Services Processing Card 3) CPU cores over the affected PCIe (Peripheral Component Interconnect) bus (7 CPU cores) will not transfer any traffic during SPC3 card bootup due to incorrect register settings.</p> <p><i>Resolved In:</i> evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.3R3-S5 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1</p>