

21.4R3-S9: Software Release Notification for JUNOS Software Version 21.4R3-S9

Alert Description

Junos Software Service Release version 21.4R3-S9 is now available for download from the Junos software download site

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NOTE: Starting on August 30th, 2024, we include PR's severity with each entry. See [KB86335](#) for the definition of PR's Severity

Solution

Junos Software service Release version 21.4R3-S9 is now available.

21.4R3-S9 - List of Fixed issues

PR Number	Synopsis	Category: EX4300 PFE
PR Number	Synopsis	Category: SRX2000/50000 issue
1811765	The vmcore process crashes on when XLP PIC is initiated Product-Group=junos Severity=Major	On SRX5400/SRX5600/SRX5800 platforms, if vmcore is initiated for XLP PIC (Extreme Low Power Peripheral Interface Controller), vmcore process crashes.
PR	Synopsis	Category: BBE state synchronization issues

Number		
1811787	The process bbe-smgd crash will be observed in the Subscriber login/logout scenario Product-Group=junos Severity=Critical	On all Junos and Junos OS Evolved platforms, in a scaled stack-based Subscriber Management scenario (e.g PPPOE, DHCP, PS over LT interface, etc.), the bbe-smgd process crash will be observed with continuous login/logout of a large number of subscribers over a period.
PR Number	Synopsis	Category: BBE Statistics daemon & libraries
1820001	Multiple processes on both the REs are crashing Product-Group=junos Severity=Critical	On Junos MX platforms, when a Stats DB corrupt entry is encountered, several processes related to subscriber management were high like CPU/Memory and statsd and authd both continuously crashing in both REs. As a result subscribers stuck in terminating.
PR Number	Synopsis	Category: Track PRs in BGP BMP area & is part of BGP inside RPD.
1796530	High CPU utilization due to BMP to be running with the longest and highest run count Product-Group=junos Severity=Major	In a rare situation, BMP might fall into a loop processing rib-in RM update messages but none of message being sent out. It can hog CPU for long time until the BMP station state is bounced. Since BMP task has low priority, it will yield CPU if there are other tasks jump in. So BMP will only hog CPU when system is idle and won't block other important tasks.
PR Number	Synopsis	Category: BBE Remote Access Server
1826901	The authd process crash is seen when subscriber management is enabled Product-Group=junos Severity=Major	On all Junos MX platforms, the authd process would crash if it attempts to access the subscriber management database (SDB) while the SDB is undergoing re-initialization due to a problem. Due to this, new subscriber login will be affected possibly for few seconds.
PR	Synopsis	Category: MX Platform SW - FRU

Number		Management
1801284	<p>The RE switchover will not be triggered in case of clock failure on SCBE3-MX Product-Group=junos Severity=Major</p>	<p>On MX platforms with SCBE3-MX (MX240, MX480 and MX960) due to a hardware failure of the Control Board, the Routing Engine(RE) switchover might not happen. This will result in the 19.4Mhz clock failure and has potential risk for chassis wide traffic impact. In worst case all revenue ports will be impacted. If the RE switchover is done in a timely manner then the device will recover because FPCs will try using the 19.4Mhz clock from the new master.</p>
PR Number	Synopsis	Category: Class of Service
1760817	<p>Change in the cosd behaviour due to the CoS interface specific wildcards Product-Group=junos Severity=Major</p>	<p>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.</p>
PR Number	Synopsis	Category: CFM
1536417	<p>FPC might core if CFM flap trap monitor feature in use Product-Group=junos Severity=Major</p>	<p>FPC generates core file when flap-trap-monitor is used and performance monitoring flap occurs.</p>
PR Number	Synopsis	Category: OpenSSL and related subsystems
1815253	<p>Junos OS: Multiple vulnerabilities resolved in OpenSSL (CVE-2024-4741, CVE-2024-2511) Product-Group=junos Severity=Major</p>	<p>The OpenSSL project has published security advisories for multiple vulnerabilities. Please refer to https://supportportal.juniper.net/JSA88107 for more information.</p>
PR Number	Synopsis	Category: Device Configuration Daemon

1799112	A dcd crash is observed when EX series switches managed by Mist Product-Group=junos Severity=Minor	When handling configurations for mid-scale multiD (combination of many feature configurations) setups with Mist onboarded is leading the corruption of the dcd database.
PR Number	Synopsis	Category: ACX LAG infrastructure
1789949	The egress ports on ACX710 incorrectly tagging traffic expected to be untagged over CCC/VPLS interfaces Product-Group=junos Severity=Major	On Junos ACX710 platforms, untagged packets egressing out of CCC(Circuit Cross Connect)/VPLS(Virtual Private LAN Service) interfaces that perform no-op (No-Operation) at the egress port are incorrectly tagged impacting the traffic to CE (Customer Edge) device.
PR Number	Synopsis	Category: DNX Multicast
1799619	Acx-arm-feb core may be triggered if IGMP snooping is enabled and IGMP Query is received on the same port as IGMP Join Product-Group=junos Severity=Major	On Junos ACX5448 and ACX710 platforms, if IGMP (Internet Group Management Protocol) snooping is enabled, arrival of IGMP Query packet on a port where IGMP Join packet was previously received may lead to an inconsistency in NHDB (Next-Hop Database) and eventually trigger a core dump of acx-arm-feb process.
PR Number	Synopsis	Category: Ethernet OAM (LFM)
1811734	The LFM session flaps will be observed at random Product-Group=junos Severity=Major	On Junos ACX5448 & ACX710 platforms with LFM (Link-fault-management) configured in distributed mode, the LFM session flaps will be seen at random when the peer device has LFM configured in inline mode. This will result in traffic loss.
PR Number	Synopsis	Category: EVO MACSEC Platform Independent Implementation
1811300	MACSec does not work on some ports on MX platforms with	On Junos MX2010/MX2020 platforms with MX2K-MPC11E line cards, and MACSec (IEEE

	MPC11E line card Product-Group=junos Severity=Major	802.1AE standard) configured on line card ports. When the line card comes online for the first time, it is seen that ports are not being mapped correctly (port group value mismatch between picd and security) resulting in MACSec not working on some ports.
PR Number	Synopsis	Category: EX4400 PFE software
1795807	Cos rewrite rules does not work properly when input/output-vlan-map swap are configured Product-Group=junos Severity=Major	On Junos EX4400 platforms enabled with CoS rewrite, if there is rewrite-rule applied to the input/output-vlan-map swap interface, the rewrite-rule of the logical interfaces does not work properly since the priority value for the queue is not updating. There is no traffic impact due to this, only CoS rewrite value is not updating.
PR Number	Synopsis	Category: EX POE
1814715	When PDs(power devices) are connected to all the PoE (power over ethernet) ports with LLDP enabled, the last port is not powered up Product-Group=junos Severity=Major	On EX2300P and EX3400 platforms, when PDs are connected to all the PoE ports with LLDP enabled, the last port is not powered up.
PR Number	Synopsis	Category: Express PFE including evpn, vxlan
1808040	VRRP multicast packets coming from external hosts connected to the EVPN-VXLAN fabric might get duplicated on QFX10k platforms Product-Group=junos Severity=Major	On QFX10k platforms having Seamless EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) DCI (Data Center Interconnect) Stitching configured with L2 (Layer 2) Bridged Overlay design, VRRP (Virtual Router Redundancy Protocol) multicast traffic may be flooded to all RNVEs (Regular Network Virtualization Equipment) and Wan-VTEPs (Wide Area Network - Virtual Tunnel Endpoints),

		irrespective of DF (Designated Forwarder)/NDF (Non-Designated Forwarder) role. This may result in duplicates of VRRP multicast packets.
PR Number	Synopsis	Category: Express PFE L2 fwding Features
1792128	Configuring multiple IFL of different families on Junos QFX10K SP style interfaces leads to traffic loss Product-Group=junos Severity=Major	On Junos QFX 10K platforms, traffic drop is seen when multiple interface logical (IFLs) of different families are configured on the same interface physical (IFD) with Service Provide (SP) style configuration and layer 2 (L2) ILF is the first IFL to be created.
PR Number	Synopsis	Category: SRX4100/SRX4200 platform software
1808353	Traffic drop is seen when "monitor traffic interface" command is issued for an interface on Junos SRX platforms Product-Group=junosvae Severity=Major	On Junos SRX4100/SRX4200 platform, starting and stopping the "monitor traffic interface", causes the VPN tunnel or tagged traffic to be dropped. However, keeping the "monitor traffic interface" running, ensures that traffic will function properly. Issue occurs when monitor interface command on an interface is performed on devices that has vlan-tagging configured.
PR Number	Synopsis	Category: idp flow creation, deletion,notification, session mgr intfce
1826377	Memory leak will be observed on all SRX platforms when IDP is configured Product-Group=junos Severity=Critical	On SRX platforms with IDP (Intrusion Detection and Prevention) enabled, while processing IDP traffic a memory leak can occur which would lead to regular flow processing being affected as memory depletes eventually. This issue affects the following Junos releases: 21.2R3-S8, 21.4R3-S7/8, 22.2R3-S3/4, 22.3R3-S3, 22.4R3-S2/3, 23.2R2, 23.2R2-S1 and 24.2R1. All other releases are not affected by this issue.
PR	Synopsis	Category: jdhcpd daemon

Number		
1818919	<p>jdhcpd core dumps may be seen on ALQ setups when subscriber synchronization is done Product-Group=junos Severity=Major</p>	<p>DHCP ALQ (Active Leasequery) Sessions go down due to core dumps in jdhcpd (Juniper DHCP Daemon). These jdhcpd core dumps may be seen on ALQ setups when subscriber synchronization happens after the TCP (Transmission Control Protocol) connection comes up.</p>
1822178	<p>JUNOS_REG:EX4650-48Y:ZTPv6:Failed to reconnect to device as unable to load configuration to device via shelscript from ztp server Product-Group=junos Severity=Major</p>	<p>During ZTP, if shell script is used (for config download), it will not work on EX46* platforms However, if the baseline config is downloaded via regular way (as config file and not shell script), it will work.</p>
PR Number	Synopsis	Category: Flow Module
1807505	<p>On SRX5000 series and SRX4600, the setting "apply-to-half-close-state" for TCP sessions is not taking effect. Product-Group=junos Severity=Major</p>	<p>On SRX5000 series and SRX4600, the setting "set security flow tcp-session time-wait-state apply-to-half-close-state" is not taking effect for sessions that are using express path (services-offload). This may lead to an increased number of sessions compared to earlier Junos releases which did not have an express path enabled by default.</p>
1820291	<p>Junos OS: SRX4600 and SRX5000 Series: Sequence of specific PIM packets causes a flowd crash (CVE-2024-47503) Product-Group=junos Severity=Critical</p>	<p>An Improper Check for Unusual or Exceptional Conditions vulnerability in the flow processing daemon (flowd) of Juniper Networks Junos OS on SRX4600 and SRX5000 Series allows an unauthenticated and logically adjacent attacker to cause a Denial-of-Service (DoS). Please refer to https://supportportal.juniper.net/JSA88133 for more information.</p>
PR Number	Synopsis	Category: High Availability/NSRP/VRRP

1821452	Junos OS: SRX5000 Series: Receipt of a specific malformed packet will cause a flowd crash (CVE-2024-47504) Product-Group=junos Severity=Critical	An Improper Validation of Specific Type of Input vulnerability in the packet forwarding engine (PFE) Juniper Networks Junos OS on SRX5000 Series allows an unauthenticated, network based attacker to cause a Denial of Service (Dos). Please refer to https://supportportal.juniper.net/JSA88134 for more information.
PR Number	Synopsis	Category: IPSEC/IKE VPN
1817228	IPsec VPN traffic disruption after a change of Authentication protocol is seen on platforms running kmd process Product-Group=junos Severity=Major	On all Junos platforms that run kmd process, IPsec VPN tunnels experience traffic disruption after a change of authentication protocol (ESP is change to AH or vice versa).
PR Number	Synopsis	Category: Platform infra to support jvision
1769294	Junos OS: Due to a race condition AgentD process causes a memory corruption and FPC reset (CVE-2024-47494) Product-Group=junos Severity=Critical	A Time-of-check Time-of-use (TOCTOU) Race Condition vulnerability in the AgentD process of Juniper Networks Junos OS allows an attacker who is already causing impact to established sessions which generates counter changes picked up by the AgentD process during telemetry polling, to move the AgentD process into a state where AgentD attempts to reap an already destroyed sensor. This reaping attempt then leads to memory corruption causing the FPC to crash which is a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA88121 for more information.
PR Number	Synopsis	Category: Key Management Daemon
1781993	Memory leak is observed on MX series platforms that run kmd process	On all MX series platforms that support MS-MPC/MS-MIC cards, memory leak is observed on kmd (Key Management Deamon) process

	Product-Group=junos Severity=Major	when IPsec VPN is configured with DiffieHellman group24. The issue is not seen on platforms that support iked process. Memory leak causes incorrect outputs for CLI ipsec/ike show commands and over time kmd might crash when reach its maximum memory, creating a core-dump and resulting in ipsec/vpn going down.
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX
1812482	Persistent MAC getting stuck in the SRP state results in traffic loss in the EVPN-VxLAN scenario Product-Group=junos Severity=Major	On Junos and Junos Evolved platforms, traffic loss is observed when the Persistent MAC gets stuck in the SRP (Static, Remote, Pinned) state and not removed during the "clear persistence mac" operation for some MACs that are getting added with an incorrect flag: SRP. The issue happens when MAC learning happens on Multihoming peers where 'persistent-learning' is enabled in an EVPN-VxLAN (Ethernet VPN-Virtual Extensible LAN) environment. MAC is just marked as Persistent but not installed in the Persistent database.
1816049	MAC addresses learnt on interfaces part of VLAN with MAC limiting by interface and "drop-and-log" action configured are cleared after VLAN description is changed Product-Group=junos Severity=Major	On all Junos and Junos Evolved platforms, when "set vlans switch-options interface-mac-limit packet-action drop-and-log" is configured, changing the Virtual Local Area Network (VLAN) description will cause flush of Media Access Control (MAC) addresses learnt on the interfaces part of the VLAN and traffic impact
PR Number	Synopsis	Category: Issues related to Junos licensing infrastructure
1827641	Even though installed the license to both Master and Backup, Alarm LED might be lit with yellow on Backup. Product-Group=junos Severity=Major	On VC (Virtual Chassis) setup and licensing infra, the licenses are installed on both Routig engine but Alarm LED might be Yellow on Backup role.

PR Number	Synopsis	Category: Express Paradise PFE Sflow
1803542	PTX10008 - Recurring logs - ppcfpc-multi-svcs.elf: FDB :: Ipv4 route operation 2 failed. Rt_index 1801 Product-Group=junos Severity=Major	Recurring logs -ppcfpc-multi-svcs.elf: FDB :: Ipv4 route operation 2 failed. Rt_index are seen in PTX10008 after upgrade
PR Number	Synopsis	Category: Protocol Independant Multicast
1709038	Junos OS and Junos OS Evolved: Receipt of specific PIM packet causes rpd crash when PIM is configured along with MoFRR (CVE-2024-39558) Product-Group=junos Severity=Major	An Unchecked Return Value vulnerability in the Routing Protocol Daemon (rpd) on Juniper Networks Junos OS and Juniper Networks Junos OS Evolved allows a logically adjacent, unauthenticated attacker sending specific PIM packet to cause rpd to crash and restart, resulting in a Denial of Service (DoS), when PIM is configured with Multicast-only Fast Reroute (MoFRR). Continued receipt and processing of this packet may create a sustained Denial of Service (DoS) condition. Please refer to https://supportportal.juniper.net/JSA83018 for more information.
PR Number	Synopsis	Category: QFX access control list
1823280	EX / QFX : dfw ERROR is seen whenever collecting RSI Product-Group=junos Severity=Major	On EX and QFX5K series switch with egress filters configured in the system, you may observe dfw error whenever collecting RSI.
PR Number	Synopsis	Category: QFX L2 PFE
1821012	L2PT is not able to pass Destination MAC 01:00:0c:cc:cc:cc(CDP/VTP/UDLD frames) when frame is TAGGED.	Support for CDP/VTP/UDLD tag frames with a Destination MAC of 01:00:0c:cc:cc:cc has been added for L2PT.

Product-Group=junos
Severity=Major

1824023	Restricted Proxy ARP feature does not work as expected Product-Group=junos Severity=Major	On all Junos QFX5K and EX4K platforms supporting restricted 'proxy-arp' feature, when restricted 'proxy-arp' is enabled on IRB (Integrated Routing and Bridging) interface, hosts within the same subnet will not be able to reach each other.
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1824750	Rebooting one linecard or FPC will cause the virtual-chassis on the EX4K and QFX5K devices to forward traffic in backup RTG interface Product-Group=junos Severity=Major	On EX4K/QFX5K VC (Virtual Chassis) with RTG (Redundant Trunk Group) enabled, if one of the VC members is rebooted without any RTG member link, the VC will start sending the traffic in the backup link. Forwarding of traffic on the backup link which is not supposed to forward the traffic will lead to storm in the network.
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PR Number	Synopsis	Category: QFX EVPN / VxLAN
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1798684	On Junos QFX5K, EX4100, EX4300, EX4400 and EX4650, Type 5 tunnel traffic loss observed when all IRB interfaces are deleted Product-Group=junos Severity=Minor	On all Junos QFX5K, EX4100, EX4300, EX4400 and EX4650 platforms with EVPN-VxLAN (Ethernet Virtual Private Network-Virtual Extensible LAN), deleting the all IRB (Integrated Routing and Bridging) interfaces while still having Type 5 tunnels installed results in Type 5 tunnel traffic loss when Type 5 tunnel MAC (Media Access Control) is same as global/chassis IRB MAC.
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1804628	The dcpfe process will crash in an EVPN-VxLAN scenario due to stale entries in PFE Product-Group=junos Severity=Major	On Junos QFX5100, QFX5110, QFX5120, QFX5200, EX4100, EX4400, and EX4650 platforms, the dcpfe process crashes in an Ethernet VPN Virtual Extensible LAN (EVPN-VXLAN) scenario when the Virtual Tunnel End Point Next-Hop(VTEP) NH changes. The dcpfe process crash will generate core-dump causing traffic disruption.
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PR Number	Synopsis	Category: QFX10008/16 QFX10002 Ultimat/Elit platform related issues -
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1797511	[JDI-RCT-EVPNVLAN-L2Stitching]: DCPFE core observed on QFX10k while running profile baseline in 22.2R3-S3.18 image Product-Group=junos Severity=Critical	In very rare instances of a large config commit, on the QFX10002-36Q routers, the dcpfe can core due to watchdog timeout. After the core, the dcpfe respawns and the system functions normally without any manual intervention.
PR Number	Synopsis	Category: QFX5K JUNOS Interface, MACSec, Optics, SDK, PHY
1799073	Auto-channelization is showing inconsistent behaviour on QFX platforms when there is fault on the channels Product-Group=junos Severity=Major	On all QFX platforms, auto-channelization failure is seen due to faults on any channels of breakout channels, leading to link downtime and traffic disruption.
PR Number	Synopsis	Category: QFX5200/5110/5120/5210 Platform issues
1758868	100G optics set to CAUI4 on Junos QFX5200-32C platforms Product-Group=junos Severity=Major	The Port interface is set wrong on 100G optics on QFX5200-32C platform.
PR Number	Synopsis	Category: KRT Queue issues within RPD
1805427	The rpd process crashes during rpd restart on Junos and Junos Evolved platforms Product-Group=junos Severity=Major	On all Junos and Junos Evolved platforms, due to timing issue during the restart of the rpd process may cause it to crash. This can temporarily impacts traffic until the process recovers.
PR Number	Synopsis	Category: RPD route tables, resolver, routing instances, static routes
1709741	The rpd process crash on backup RE will be observed during configuration removal or restoration	The rpd process crash on backup RE will be observed during configuration removal or restoration.

	Product-Group=junos Severity=Major	
PR Number	Synopsis	Category: RPM and TWAMP
1660514	RPM route tracking configuration doesn't work on EX9200 Series Product-Group=junos Severity=Minor	On the Junos EX9200 series device, RPM (Realtime Performance Monitoring) route tracking does not work even though the configuration gets committed without errors and RPM route tracking CLIs (Command Line Interface) doesn't work. As a result, the route tracking configuration will not take effect, consequently, the intended route will not get tracked. The output of commands like 'show route rpm-tracking' throws an error.
PR Number	Synopsis	Category: Generic platform and infra issues for MS-MIC and MS-MPC(XLP)
1827806	mshmand crash on clear/show services sessions" parallel in high scale on MX platforms Product-Group=junos Severity=Major	On Junos MX with MS-MPC/MS-MIC cards, when clear service sessions are executed from multiple windows (approx 5 terminals), the PIC reboots and eventually all the service traffic will be impacted.
PR Number	Synopsis	Category: Track usability related J-Web PR, like UI layout, workflow
1823264	Unable to Define NAT Policy Address Names Containing Dots or Slashes in J-Web Product-Group=junos Severity=Major	On all SRX series platforms enabled with J-Web, NAT (Network Address Translation) policies cannot be edited/added using J-Web if the destination address name contains '.' dot or '/' slash.
PR Number	Synopsis	Category: SRX branch platforms
1819054	The ~root/.ssh directory contents is deleted on every reboot Product-Group=junos Severity=Major	On all SRX platforms the contents of ~root/.ssh directory is deleted on every reboot. This can cause issues with SSH issues as locally stored public and private keys are

		deleted (stored on ~root/.ssh by default)
1827123	Root user does not get logged out from shell Product-Group=junos Severity=Major	On the SRX 3xx series the root user does not get logged out from the shell mode even though the session logout time is configured. There is no traffic impact because of this issue, however, this is unexpected behaviour and not seen on other platforms.
PR Number	Synopsis	Category: MX10003/MX204 Linux issues (including driver issues)
1753908	Device crash and control plane traffic gets impacted on Junos platforms Product-Group=junos Severity=Major	On all Junos platforms, due to a timing issue, when monitor traffic is enabled on loopback interface (for debug purpose), in the presence of local TCP (Transmission Control Protocol) packet flow, it is observed that the device crashes and traffic gets impacted.
PR Number	Synopsis	Category: SRX-1RU platform related protocol, QoS, filtering features et
1819376	The 1G interface might be down after upgradation on SRX4600 platform Product-Group=junos Severity=Major	On SRX4600 platform, upgrading from any earlier release to Junos 23.2R2 or later whether via ISSU (in-service software upgrade) or a standard upgrade process can cause the 1G interfaces to go down when the speed is changed from 10G to 1G. As a result, the port fails to activate properly at 1G, remaining down and unable to transmit any traffic.
PR Number	Synopsis	Category: Issues related to broadband edge apps (PPP, DHCP) on Trio ch
1788669	Traffic drop due to mac-validate failure on MX platforms Product-Group=junos Severity=Major	On Junos MX platforms, when subscriber management is enabled and mac-validate is configured on interfaces, traffic drop is seen while attempting to add a new link to an existing AE (Aggregate Ethernet) bundle from a different FPC.
PR	Synopsis	Category: DDos Support on MX

Number		
1807538	DDOS related Error messages can be seen on MX platforms Product-Group=junos Severity=Major	On certain Junos MX platforms with SCFD (Suspicious Control Flow Detection) enabled, error messages related to DDOS (Distributed Denial Of Service) protection can be seen when traffic volume is high with varied flows. There is no service impact because of this issue.
PR Number	Synopsis	Category: Authentication, Authorization, Accounting, PAM (RADIUS/tacplus)
1802329	Multiple Products: RADIUS protocol susceptible to forgery attacks (Blast-RADIUS) (CVE-2024-3596) Product-Group=junos Severity=Minor	An Authentication Bypass by Spoofing vulnerability in the RADIUS protocol of Juniper Networks Junos OS and Junos OS Evolved platforms allows an on-path attacker between a RADIUS server and a RADIUS client to bypass authentication when RADIUS authentication is in use.
PR Number	Synopsis	Category: Configuration mgmt, ffp, load-action, commit processing
1818692	Configuration commit fails due to mustd process crash Product-Group=junos Severity=Major	Core dumps in mustd seen committing a change to a large prefix-list used by BGP
PR Number	Synopsis	Category: UI Infrastructure - mgd, DAX API, DDL/ODL
1645119	Junos OS and Junos OS Evolved: Confidential information in logs can be accessed by another user (CVE-2024-39532) Product-Group=junos Severity=Critical	An Insertion of Sensitive Information into Log File vulnerability in Juniper Networks Junos OS and Junos OS Evolved allows a local, authenticated attacker with high privileges to access sensitive information. Please refer to https://supportportal.juniper.net/JSA82992 for more information.
1784818	The non-root user will not be able to copy files Product-Group=junos	On all Junos and Junos Evolved platforms, when logged in as a non-root user and trying to copy a file from a remote location, it

	Severity=Major	shows as cannot become non-root username although logged in as a non-root user and an error message is thrown.
1825728	The mgd process crashes while using an FQDN in conjunction with the ephemeral configuration database Product-Group=junos Severity=Critical	On all Junos and Junos Evolved platforms, the mgd process crashes when device has an ephemeral configuration database instance and an FQDN (Fully Qualified Domain Name) is used for NTP (Network Time Protocol), radius-server, tacplus-server, etc. in either the main static configuration or the ephemeral configuration database.
PR Number	Synopsis	Category: Issues related to NETCONF
1800859	Configuration push to device using RPC resulted in incorrect policy order Product-Group=junos Severity=Major	On all Junos and Junos OS Evolved platforms, RPC command with default-operation replace uses load update instead of load override from Junos 21.1 onwards. Policies could get incorrectly reordered impacting traffic, because load update does not honor the replace: tag present in configuration file loaded.
1819656	In all Junos and Junos OS Evolved platforms, with Multinode High Availability configured, node configuration on primary might differ from backup due to configuration synchronization failure at the time of commit Product-Group=junos Severity=Major	In all Junos and Junos OS Evolved platforms with MNHA (Multinode High Availability) supported and "set system commit peers-synchronize" is configured in a local primary node of the HA, when the "commit" command is issued, a synchronization warning message is displayed informing that session to peer (backup) has failed and configuration is committed only in the local primary device. Under the same configuration, if the command "commit peers-synchronize" is used instead of "commit", then the synchronization error will cause the configuration to not be committed on any of the high availability nodes. This issue does not affect network services. The synchronization error is caused by a TACACS authentication failure when primary node attempts to access the

		secondary backup node.
PR Number	Synopsis	Category: web filterig issues
1806786	UTM Web filtering does not work for HTTPS traffic sent from Google Chrome browser or MS Edge v124 Product-Group=junos Severity=Major	On SRX platforms, Unified Threat Management (UTM) web filtering does not work for Hypertext transfer protocol secure (HTTPS) traffic sent from Google Chrome browser or MS Edge v124.
PR Number	Synopsis	Category: PTX/QFX10002/8/16 specific software components
1734703	Speed configuration mismatch causes the ukern core on Junos PTX10008 and PTX10016 platforms Product-Group=junos Severity=Major	On Junos PTX10008 and PTX10016 platforms, when the speed configuration on the interface is not matching with the speed of the optics present in the port, it causes memory corruption because of this FPC will crash and restart. Traffic loss till the FPC restarts after the ukern core.
PR Number	Synopsis	Category: VCCP related PRs for virtual-chassis in MX
1801522	AE child links in back member is in detached state Product-Group=junos Severity=Major	On Junos MX platforms with MPC10E-10C card platforms, the issue is observed during a VC(Virtual Chassis) sequential upgrade , where AE child links in backup member is in detached state after auto reboot. Hence redundancy is lost
PR Number	Synopsis	Category: Virtual Router Redundancy Protocol
1822867	After RE switchover the VRRP master and backup router will start functioning as master routers Product-Group=junos Severity=Major	On all Junos and Junos Evolved MX platforms configured with VRRP (Virtual Router Redundancy Protocol) and NSR (Non-Stop Routing), after RE switchover or GRES (Graceful Routing Engine Switchover) the master router would starts sending VRRP advertisements with a different priority

		value. As a result, both the master and backup VRRP routers will begin operating as the master which results in inconsistent traffic routing or packet loss as the system fails to establish a single master node.
PR Number	Synopsis	Category: usf ams related issues
1804616	NSD validation failure results into upgrade failure for Junos MX platforms Product-Group=junos Severity=Major	On Junos MX240, MX480, MX960 platforms, the Network Security Daemon (nsd) validation fails during upgrades.

21.4R3-S9 - List of Known issues

PR Number	Synopsis	Category: EX2300/3400 PFE
1706845	Layer 3 forwarding issues for IRB Product-Group=junos	On EX2300, EX3400, EX4400, EX4100 and EX4300-MP platforms, when master FPC with mac-persistence-timer configured on a virtual chassis switch is halted, it leads to layer 3 (L3) forwarding issues for the integrated routing and bridging (IRB). <i>Resolved In:</i> junos:20.4R3-S7 junos:21.2R3-S5 junos:21.3R3-S4 junos:21.4R3-S3 junos:21.4R3-S4 junos:22.1R3-S2 junos:22.2R3 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:23.1R1 junos:23.2R1
PR Number	Synopsis	Category: EX2300/3400 platform
1799093	[EX2300]"Ethernet Link Down" would not be generated when me0 was down.	On Junos EX2300 device, whenever the Management Interface Link is Down, the alarm was not getting generated as expected.

Product-Group=junos

Resolved In: junos:22.2R3-S4 junos:22.4R3-S3
junos:23.4R2 junos:24.2R1 junos:24.3R1

PR Number	Synopsis	Category: Any HW issues found in RIO chassis
1801112	ACX710 does not recognize GPON OLT 740-124448 reports NON-JNPR after ACX power cycle. Product-Group=junos	ACX710 does not recognize GPON OLT 740-124448 reports NON-JNPR after ACX power cycle. The same error state NON-JNPR can be observed when GPON OLT SFP is installed into ACX router. <i>Resolved In:</i>

PR Number	Synopsis	Category: JUNOS kernel/ukernel changes for ACX
1827263	ACX710: USB image are not booting giving error GUID Partition Table Entry Array CRC is wrong. Product-Group=junos	Junos 21 USB images require below steps to make bootable USBs. Below steps can be used. Step 1: Boot with any working image that boots fine. Step 2: Copy junos-install-media-usb-acx-arm-64-21.4R3-S8.4.img.gz to /var/tmp/ Step 2: Insert USB Step 3: router> start shell user root % dd if=/dev/zero of=/dev/da0 count=20, % dd if=/var/tmp/junos-install-media-usb-acx-arm-64-21.4R3-S8.4.img.gz of=/dev/da0 bs=1m" Step 4:request system reboot usb Step 5: On the console you will see the display below at the end of boot process: Post install processing ... USB Installation is done, Please remove the USB media to continue.. Step 6: remove the usb and power cycles the device If you are using win32 disk manager, please write the USB with completely zeros. You can use below python program to create a file with zeros. ===== import os def create_zero_filled_image(size_in_mb, filename): try: # Calculate the size in bytes size_in_bytes = size_in_mb * 1024 * 1024 # Open the file in write-binary mode with open(filename, 'wb') as f: # Write zeros to the file f.write(b'\x00' * size_in_bytes) print('{} created with {} MB of zeros.'.format(filename,

```
size_in_mb)) except Exception as e: print('An
error occurred: {}'.format(e)) if __name__ ==
'__main__': # Specify the size and filename
size_in_mb = 512 # Change this to the size you
need filename = 'image_with_zeros.img' #
Create the zero-filled image
create_zero_filled_image(size_in_mb,
filename) =====
```

Resolved In:

PR Number	Synopsis	Category: MPC Fusion SW
1796770	<p>Traffic impact during ISSU across FPCs on Junos MX platforms Product-Group=junos</p>	<p>On Junos MX platforms traffic loss can be seen across FPC (Flexible PIC Concentrator) during ISSU if an FPC fails and recovers during iSSU (In-Service Software Upgrade). This issue is seen when ISSU is done from a release older than Junos 21.2 to release 21.2 or higher. The issue is due to number of Max PFE (Packet Forwarding Engine) mismatch between releases earlier than Junos 21.2 and releases 21.2 or higher.</p> <p><i>Resolved In:</i> junos:20.2R3-S4-J15 junos:21.2R3-S5-J42 junos:21.2R3-S8 junos:22.3R3-S4 junos:23.2R2-S2 junos:23.4R2 junos:24.2R1 junos:24.2R2 junos:24.3R1 junos:24.4R1</p>
PR Number	Synopsis	Category: BBE Autoconfigured DVLAN related issues
1777139	<p>FPC gets stuck at 100% utilization after upgrade from 21.2R1 or below to 21.3R1 or higher release Product-Group=junos</p>	<p>On Junos MX platforms with PPPoE (point-to-point protocol over ethernet) subscribers over dynamic VLAN (virtual local area network) scenario, FPC (flexible physical interface cards concentrator) gets stuck at 100% after upgrade from 21.2R1 or below to 21.3R1 or higher release. The line card PFE (packet forwarding engine) is busy because of huge punt traffic which is process-switched by the CPU.</p> <p><i>Resolved In:</i> evo:24.2R2-EVO evo:24.3R1-EVO</p>

evo:24.4R1-EVO junos:23.4R2-S1 junos:24.2R2
junos:24.3R1 junos:24.4R1

PR Number	Synopsis	Category: Border Gateway Protocol
1719498	<p>In MPLS L3VPN-BGP multipath scenario route calculation or recalculation causes the rpd process to crash Product-Group=junos</p>	<p>On all Junos and Junos Evolved platforms, memory leak is observed in Multi-protocol Label Switching (MPLS) Layer3 and labelled routes scenario when Border Gateway Protocol (BGP) with multipath is configured. Multiple route changes and deletion overtime that triggers this memory leak can lead the rpd to run out of memory causing the rpd process to crash.</p> <p><i>Resolved In:</i> evo:21.4R3-S4-EVO evo:22.1R3-S3-EVO evo:22.2R3-S1-EVO evo:22.3R3-EVO evo:22.3X50-EVO evo:22.3X80-D38-EVO evo:22.3X80-D39-EVO evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:21.4R3-S2-J16 junos:21.4R3-S2-J22 junos:21.4R3-S4 junos:21.4R3-S5 junos:21.4R3-S6 junos:22.1R3-S3 junos:22.2R3-J7 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:22.4R3-S1 junos:23.1R2 junos:23.2R1 junos:23.3R1 junos:24.2R2</p>
1737679	<p>The rpd crash files are seen due to a use-after free of objects Product-Group=junos</p>	<p>On all Junos and Junos Evolved platforms, due to a use-after free of objects that are being shared across threads for tracing that happened when some assumptions were broken in a recent fix. The crash files generated in rare conditions when the object is freed prior to when the trace is cut.</p> <p><i>Resolved In:</i> evo:22.2R3-S3-EVO evo:22.3X50-EVO evo:22.3X80-D43-EVO evo:22.3X80-D44-EVO evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.3X75-D441 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R1-S1-J7 junos:23.2R2 junos:23.2R2-J14 junos:23.3R1 junos:23.4R1</p>

[1788543](#) BGP OutQ counter of one of the BGP peers gets stuck after system reboot/restart routing/clear bgp neighbor
Product-Group=junos

On all Junos and Junos Evolved platforms, when there is a high route churn and the system reboot/restart routing/clear bgp neighbor is done, there are some values stuck in the OutQ counter of one of the peers in a group. Due to this, the route updates are not sent which might result in traffic/service impact.

Resolved In: evo:23.4R2-S3-EVO evo:24.2R2-EVO evo:24.3R1-EVO evo:24.4R1-EVO
junos:23.4R2-S3 junos:24.2R2 junos:24.3R1 junos:24.4R1

[1810617](#) BGP routes with next hops as link-local address are not installed
Product-Group=junos

On all Junos and Junos OS Evolved platforms, BGP (Border Gateway Protocol) routes are not installed on routing table when their next hops are link-local addresses, and unnumbered session and confederation are configured. Missing information in the routing table might cause no route to destination is found or suboptimal path being chosen.

Resolved In: evo:23.4R2-S3-EVO evo:24.2R2-EVO evo:24.3R1-EVO evo:24.4R1-EVO
junos:23.4R2-S3 junos:24.2R2 junos:24.3R1 junos:24.4R1

[1817834](#) The rpd crashes when stale label entry keeps increasing when knob stale-labels-holddown-period is configured
Product-Group=junos

On all Junos and Junos Evolved platforms configured with the "stale-labels-holddown-period" setting and extensive label configurations (such as Multiprotocol Label Switching labels), the Routing Protocol Daemon (RPD) may crash if stale labels are not cleared periodically and keep accumulating. Due this, temporary traffic impact will be seen until the rpd process restarts.

Resolved In: evo:24.2R2-EVO evo:24.3R1-EVO evo:24.4R1-EVO junos:24.2R2 junos:24.3R1 junos:24.4R1

PR
Number

Synopsis

Category: Track PRs in BGP BMP area & is part of BGP inside RPD.

[1767785](#) The EOR message is missed for one peer in a scaled BMP scenario
Product-Group=junos

On all Junos and Junos OS Evolved platforms with BGP Monitoring Protocol (BMP) enabled in scaled scenario (4K BGP peers, 6 BMP stations), after disabling/enabling BMP, due to timing issues, one out of six BMP stations will not receive End-of-RIB (EOR) message for one peer. This will not impact routing or data forwarding, however will have impact on data collection.

Resolved In: evo:21.2R3-S8-EVO evo:22.2R3-S4-EVO evo:22.3R3-S3-EVO evo:22.3X50-EVO evo:22.3X80-D43-EVO evo:22.3X80-D44-EVO evo:22.4R3-S4-EVO evo:23.2R2-EVO evo:23.4R1-S1-EVO evo:23.4R2-EVO evo:24.1R1-EVO junos:21.2R3-S8 junos:22.2R3-S4 junos:22.3R3-S3 junos:22.4R3-S4 junos:23.2R2 junos:23.2R2-J14 junos:23.4R1-S1 junos:23.4R2 junos:24.1R1 junos:24.2R1

PR Number	Synopsis	Category: Issues related to Common BIOS on x86 based designs
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[1608045](#) The TSC_DEADLINE disabled error logs are observed on Junos vmhost platforms after upgrade
Product-Group=junos

Resolved In: junos:22.2R3-S3 junos:23.4R2 junos:24.2R1 junos:24.2R2 junos:24.3R1

PR Number	Synopsis	Category: MX304 Chassis specific platform
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[1655827](#) MX304: Chassis : RSI command execution getting aborted due to error message - "[: JUNIPER: unexpected operator"
Product-Group=junos

"request support information" command show "[: JUNIPER: unexpected operator" error message at end of the command output. This error messages in not harmful.

Resolved In: junos:22.1R1-S1 junos:22.1R2 junos:22.2R1 junos:22.3R1

PR Number	Synopsis	Category: MX Platform SW - FRU Management
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[1816912](#) False alarms are seen due to kernel timeout
Product-Group=junos

On all Junos platforms, SMB_READ/WRITE operations will fail due to kernel timeouts causing false CM alarms to be triggered. This issue has no impact on traffic.

Resolved In: junos:24.2R2 junos:24.4R1

PR Number	Synopsis	Category: OpenSSL and related subsystems
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[1675447](#) Junos OS: Vulnerability fixed in OpenSSL
Product-Group=junos

A Use of a Broken or Risky Cryptographic Algorithm Vulnerability in OpenSSL of Juniper Networks Junos OS allows a remote attacker to obtain sensitive information, caused by improper encryption of data by the AES OCB mode for 32-bit x86 platforms using the AES-NI assembly optimized implementation. Please refer to <https://supportportal.juniper.net/JSA73176> for more information.

Resolved In: junos:22.1R3 junos:22.2R2
junos:22.3R1 junos:22.3R2 junos:22.4R1

PR Number	Synopsis	Category: EX4100 VC
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[1648310](#) For EX4100 and EX3400 Virtual Chassis switches, Ping is not working for some irbs after Master reboot and traffic loss is observed
Product-Group=junos

The message was not sent to the member from the master . mac-persistence-timer does not work correctly in releases 21.4R3-S5, 21.4R3-S8. The fix is available from 22.2 release onwards.

Resolved In: junos:22.2R1 junos:22.3R1

PR Number	Synopsis	Category: EX interfaces issues
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[1789999](#) [interfaces]:Ex-Hardening:Local/Remote fault insertion from TG is failing
Product-Group=junos

Ex-Hardening:Local/Remote fault insertion from TG is failing

Resolved In:

PR Number	Synopsis	Category: EX optics issues
1794986	[Ex3400] LX/FX SFP Swap leads to traffic drop Product-Group=junos	On Junos 22.4R2 swapping 100m LX/FX modules will lead to those interfaces not coming UP, even if the interfaces are configured with the correct speed. <i>Resolved In:</i> junos:23.4R2-S3 junos:24.2R2 junos:24.3R1 junos:24.4R1
PR Number	Synopsis	Category: Express PFE L2 fwding Features
1810120	The "unknown-unicast-forwarding" feature is allowed to be configured even though it is not supported for the target platform. Product-Group=junos	The traffic is still getting forwarded to all the interfaces mapped with concerned VLAN even after "unknown-unicast-forwarding" knob is enabled on all Junos QFX10K platforms, but it is allowed to be configured, so the command is disabled to avoid misconfiguration. <i>Resolved In:</i> junos:24.4R1
PR Number	Synopsis	Category: to track infrastructure replication bugs
1754351	vmcore on device with evpn-vxlan configs Product-Group=junos	Graceful Routing Engine Switchover (GRES) not supporting the configuration of a private route, such as fxp0 , when imported into a non-default instance or logical system. Please see KB https://kb.juniper.net/InfoCenter/index?page=content&id=KB26616 resolution rib policy is required to apply as a work-around <i>Resolved In:</i>
PR Number	Synopsis	Category: BSDX Software installation issues
1713187	JSU: request system software delete reboot does not trigger a reboot Product-Group=junos	On all Junos platforms, request system software delete reboot does not trigger a reboot. The JSU functionality is working and JSU package is getting deleted as expected.

Manual reboot is required.

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

PR Number	Synopsis	Category: jdhcpd daemon
1776451	DHCP clients not receiving IP address Product-Group=junos	On all Junos platforms, When client is configured on IRB(Integrated Routing and Bridging) and relay is in RI(Routing Instance), then DHCP(Dynamic Host Configuration Protocol.) clients will not receive the IP address because of which traffic drop will be seen. <i>Resolved In:</i> junos:23.4R2 junos:24.2R1 junos:24.3R1
1825998	DHCP ALQ core dump on primary MX480 dhcpv6_tcp_init_client_conn. Product-Group=junos	DHCP ALQ core dump on primary MX480 dhcpv6_tcp_init_client_conn. <i>Resolved In:</i> evo:24.4R1-EVO evo:25.1R1-EVO junos:24.4R1
PR Number	Synopsis	Category: IPSEC/IKE VPN
1818197	The srxpfe process will crash due to memory buffer corruption if the outgoing interface of the IPsec VPN peer goes down and the default route points to st0 Product-Group=junos	On SRX platforms, if the outgoing interface of the Internet Protocol Security (IPsec) Virtual Private Network (VPN) peer goes down when the peer device operates in the Network Address Translation-Traversal (NAT-T) environment and the default route points to the secure tunnel interface (st0), there are chances of an internal routing loop which will lead a srxpfe process crash caused by the Memory Buffer (mbuf) corruption. <i>Resolved In:</i> junos:22.4R3-S5 junos:24.2R2 junos:24.4R1
PR Number	Synopsis	Category: Layer2 forwarding on EX/NTF/PTX/QFX

1820882	Traffic drop is seen in an EVPN multihoming scenario when mac-pinning is enabled Product-Group=junos	On all Junos and Junos Evolved platforms, in Ethernet VPN (EVPN) multihoming scenario with mac-pinning enabled, traffic drop will be seen when the Designated Forwarder role (DF) is changed. <i>Resolved In:</i> evo:23.4X100-D20-EVO evo:24.2R2-EVO evo:24.4R1-EVO junos:21.2R3-S9 junos:21.4R3-S8-J1 junos:23.2R1-S2-J7 junos:24.2R1-S1-J3 junos:24.2R2 junos:24.4R1
PR Number	Synopsis	Category: Multiprotocol Label Switching
1738774	Traffic blackhole due to an additional label when CCNH is toggled Product-Group=junos	On all Junos and Junos Evolved platforms, with scaled Border Gateway Protocol (BGP) routes, when Chained Composite Next Hops (CCNH) is toggled, a few next-hops end up creating additional labels causing a traffic blackhole. <i>Resolved In:</i> evo:21.4R3-S5-EVO evo:22.3X50-EVO evo:22.3X80-D36-EVO evo:22.3X80-D38-EVO evo:22.3X80-D42-EVO evo:22.3X80-D43-EVO evo:22.3X80-D45-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.2R3-S4-J27 junos:21.2R3-S6 junos:21.4R3-S5 junos:22.2R3-S3 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.4R1 junos:24.2R2
PR Number	Synopsis	Category: MX Timing software
1772138	DUT is sending same source-port-id for two PTP master links connected to downstream node with multiline card scenarios Product-Group=junos	On Junos MX240/480/960/2010/2020/2008 Distributed Precision Time Protocol (PTP) platforms, When PTP master/slave/stateful is configured across multiple linecards and allocated with same port-number in the line cards, then the packets generated from both the ports, shall contain the same source-port-id. It shall create Baseboard Management Controller (BMC) issues in G.8275.1 deployment

		and passive port monitoring deployments. <i>Resolved In:</i> evo:23.4R2-EVO evo:24.1R2-EVO evo:24.2R1-EVO evo:24.3R1-EVO junos:21.2R3-S8 junos:23.4R2 junos:24.1R2 junos:24.2R1 junos:24.3R1
PR Number	Synopsis	Category: Kernel Stats Infrastructure
1766061	MPC7E Stout PMB requires C-state, Power-Save, to be disable to prevent crash Product-Group=junos	MPC7E (MPC7E-10G and MPC7E-MRATE) may experience unexpected reset with or without memory single bit correctable error. It is typically seen on an FPC where CPU can be idle , so the fix is to disable C-state(Power-Save) in order to prevent MPC from rebooting. <i>Resolved In:</i> junos:21.2R3-S8 junos:21.4R3-S7 junos:22.2R3-S3 junos:22.4R3-S2 junos:23.2R2
PR Number	Synopsis	Category: Express Chip L3 software
1783994	On Junos PTX platforms forwarding statistics may not be available during heavy routing state chunrs Product-Group=junos	Under certain scenarios e.g. link flap, protocol flap or FPC reboot, which causes extreme network churn and results in excessive routing state programming in forwarding engine e.g. routes or nexthops, Forwarding stats may not be available till this excessive churn exist. . This is transient condition and will clear on its own once churn subsides. <i>Resolved In:</i>
1821520	On Junos PTX platforms pfe traffic statistics may not be available during heavy routing state chunrs Product-Group=junos	Under certain scenarios e.g. link flap, protocol flap or FPC reboot which causes extreme network churn and results in excessive routing state programming in forwarding engine e.g. routes or nexthops, pfe traffic statistics may not be available till this excessive churn exist. . This is transient condition and will clear on its own once churn subsides.

Resolved In:

PR Number	Synopsis	Category: Protocol Independant Multicast
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[1820040](#) On Junos PTX platforms forwarding statistics may not be available during heavy routing state chunrs
Product-Group=junos

Under certain scenarios e.g. link flap, protocol flap or FPC reboot, which causes extreme network churn and results in excessive routing state programming in forwarding engine e.g. routes or nexthops, Forwarding stats may not be available till this excessive churn exist. . This is transient condition and will clear on its own once churn subsides.

Resolved In:

PR Number	Synopsis	Category: vMX Platform Infrastructure related issue tracking
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[1729152](#) The FPC crash or flap in protocols will be seen as soon as port-mirroring or firewall filters with syslog action is enabled
Product-Group=junos

On MX150 platform, when port-mirroring or firewall with syslog configuration is enabled, there will be a memory leak which will cause depletion of buffer memory which will lead to flap in the protocols or the (Flexible PIC Concentrators) FPC crash. This will impact the traffic.

Resolved In: junos:19.1R3-S12 junos:19.2R3-S9
junos:19.4R3-S14 junos:20.2R3-S9
junos:20.3X75-D36 junos:20.3X75-D440
junos:20.3X75-D46 junos:20.3X75-D52
junos:21.2R3-S9 junos:21.4R3-S7 junos:22.2R3-S4
junos:22.3R3-S3 junos:22.4R3-S2
junos:22.4R3-S3 junos:23.2R2-S1 junos:23.4R1-S2
junos:23.4R2 junos:24.2R1 junos:24.3R1

PR Number	Synopsis	Category: QFX EVPN / VxLAN
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[1808816](#) The L3 Multicast traffic will be dropped in an OISM scenario when an egress interface is configured with native-vlan

On Junos QFX5120, EX4400, EX4100, and EX4650 platforms, L3 Multicast traffic will be dropped in an Optimized Intersubnet Multicast (OISM) scenario when an egress interface is

/Access mode
Product-Group=junos

configured with native-vlan /Access mode and the join is coming for the same VLAN as Native/Access VLAN.

Resolved In: junos:22.2R3-S4 junos:22.4R3-S2
junos:22.4R3-S3 junos:23.2R2-S2 junos:23.4R2
junos:24.2R1 junos:24.2R2 junos:24.3R1
junos:24.4R1

PR Number	Synopsis	Category: QFX5K JUNOS Interface, MACSec, Optics, SDK, PHY
1777336	Interface flap occurring unexpectedly on Junos QFX platforms Product-Group=junosvae	On Junos QFX5120-48T devices, interface flap occurred unexpectedly. 1G/10GBT interfaces flaps due to Electro Magnetic Interference (EMI). <i>Resolved In:</i> junos:22.2R3-S5 junos:23.4R2-S3 junos:24.2R2 junos:24.3R1 junos:24.4R1
PR Number	Synopsis	Category: KRT Queue issues within RPD
1761667	The rpd process and chassisd process crash is seen Product-Group=junos	On Junos and Junos Evolved platforms configuring BGP causes the rpd to crash abnormally and later chassisd crashes too. <i>Resolved In:</i> evo:22.2R3-S3-EVO evo:22.3R3-S3-EVO evo:22.3X50-EVO evo:22.3X80-D43-EVO evo:22.3X80-D44-EVO evo:22.4R3-S1-EVO evo:23.2R2-EVO evo:23.4R1-EVO evo:23.4R2-EVO evo:24.1R1-EVO junos:22.2R3-S3 junos:22.2R3-S4 junos:22.3R3-S2-J2 junos:22.3R3-S3 junos:22.4R3-J6 junos:22.4R3-S1 junos:23.2R1-S1-J7 junos:23.2R2 junos:23.2R2-J14 junos:23.4R1 junos:23.4R2 junos:24.1R1
1805427	The rpd process crashes during rpd restart on Junos and Junos Evolved platforms Product-Group=junos	On all Junos and Junos Evolved platforms, due to timing issue during the restart of the rpd process may cause it to crash. This can temporarily impacts traffic until the process recovers.

		<i>Resolved In:</i> evo:22.4R3-S5-EVO evo:24.2R2-EVO evo:24.3R1-EVO evo:24.4R1-EVO junos:21.4R3-S9 junos:22.4R3-S5 junos:24.2R1 junos:24.2R2 junos:24.3R1 junos:24.4R1
PR Number	Synopsis	Category: PTX10K specific platform PRs
1766097	PTX10008: When NSR Enabled and FMBB Knobs are configured and if SIB is Offline/Online casue resiliencyd core Product-Group=junos	PTX10008: When NSR Enabled and FMBB Knobs are configured and if SIB is Offline/Online casue resiliencyd core <i>Resolved In:</i> evo:21.4R3-S7-EVO evo:22.2R3-S4-EVO evo:22.4R3-S2-EVO evo:23.4R2-EVO evo:24.1R1-EVO evo:24.2R1-EVO junos:22.1R3-S6 junos:22.2R3-S4 junos:22.3R3-S3 junos:22.4R3-S2 junos:23.4R2 junos:24.1R1 junos:24.2R1
PR Number	Synopsis	Category: Scuba fabric software
1803832	Traffic blackholing observed due to PFE remaining active despite CM_CMERROR_FABRIC_SELFPING errors Product-Group=junos	On MX2008, MX2010, MX2020 and MX10K platforms with MPC1-9 line cards, the PFE (Packet Forwarding Engine) remains active despite CM_CMERROR_FABRIC_SELFPING errors which leads to a traffic blackholing to that PFE. <i>Resolved In:</i> evo:24.2R1-EVO evo:24.3R1-EVO junos:22.3R3-S3 junos:22.4R3-S4 junos:23.2R2-S1 junos:23.4R2 junos:24.2R1 junos:24.3R1
PR Number	Synopsis	Category: SRX Argon module
1828721	Flowd crash seen on SRX platforms with security metadata streaming knob configured Product-Group=junos	On all SRX platforms, when security metadata streaming knob is configured, the flowd process crashes, impacting traffic and service. <i>Resolved In:</i> junos:21.2R3-S9 junos:24.2R2 junos:24.4R1

PR Number	Synopsis	Category: SRX RTCOM module bugs
1814271	The srpfe crash during SAV longevity testing Product-Group=junos	On SRX platforms, when Sophos antivirus (SAV) was enabled srpfe crash was observed. If a new packet tries to access the memory before it gets free, it may lead to the race condition, where it tries to fetch a null memory. The issue is hardly reproducible. <i>Resolved In:</i> junos:24.2R2 junos:24.3R1 junos:24.4R1
PR Number	Synopsis	Category: SRX branch platforms
1811858	Monitored-Status keeps Up after CTL link down in branch model SRX HA Product-Group=junos	After CTL link down, Monitored-Status in "show chassis cluster interfaces" keeps showing "Up" state. <i>Resolved In:</i> junos:22.4R3-S5 junos:23.2R2-S2 junos:23.4R2-S3 junos:24.2R2 junos:24.3R1 junos:24.4R1
1821368	DAC interface does not send fault signal to a peer device when the DAC interface is admin disabled Product-Group=junos	On SRX380 platform, when a DAC interface is admin disabled, the DAC interface does not send a fault signal to a peer device and on peer device it will reflect as up. <i>Resolved In:</i> junos:23.4R2-S3 junos:24.2R2 junos:24.3R2 junos:24.4R1
PR Number	Synopsis	Category: UI Infrastructure - mgd, DAX API, DDL/ODL
1708321	Device goes to amnesiac state on configuring dynamic-profiles followed by reboot Product-Group=junos	On Junos platforms, when a toggle attribute is defined in dynamic-profiles with variable, the system goes to amnesiac mode upon reboot and thus causes traffic loss. <i>Resolved In:</i> evo:21.4R3-S3-EVO evo:22.2R2-J4-EVO evo:22.2R2-J6-EVO evo:22.2R2-S2-J1-EVO evo:22.2R2-S2-J2-EVO evo:22.2R3-EVO

evo:22.3R2-EVO evo:22.3R3-EVO evo:22.4R1-S2-EVO evo:22.4R2-EVO evo:23.1R1-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:20.4R3-S7 junos:21.4R3-S3 junos:22.1R3-S2 junos:22.2R2-S2 junos:22.2R3 junos:22.3R2 junos:22.3R3 junos:22.4R1-S2 junos:22.4R2 junos:23.1R1 junos:23.1R2 junos:23.2R1

PR Number	Synopsis	Category: Issues related to NETCONF
1709056	Unable to upgrade Junos using NetConf or Junos script Product-Group=junos	<p>On all Junos and Junos OS Evolved platforms, if RPC get-configuration is invoked before RPC request-package-add in the same session of the NETCONF or Junos script, RPC request-package-add will not work.</p> <p><i>Resolved In:</i> evo:22.1R3-S3-EVO evo:22.2R2-S2-J2-EVO evo:22.2R2-S2-J3-EVO evo:22.2R3-S1-EVO evo:22.3R2-J1-EVO evo:22.3R2-J2-EVO evo:22.3R2-S1-EVO evo:22.3R3-EVO evo:22.3X50-EVO evo:22.3X80-D43-EVO evo:22.4R1-S2-J3-EVO evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:21.4R3-S4 junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R2-S1 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R1-S1 junos:23.1R2 junos:23.2R1 junos:23.3R1</p>