# 22.2R3-S2: Software Release Notification for JUNOS Software Version 22.2R3-S2

## Alert Description

Junos Software Service Release version 22.2R3-S2 is now available for download from the Junos software download site

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## Solution

Junos Software service Release version 22.2R3-S2 is now available.

## 22.2R3-S2 - List of Fixed issues

| PR Number | Synopsis | Category: EX4300 Layer 2 implementation |
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| 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: EX2300/3400 platform** |
| 1725078 | The entPhysicalSoftwareRev MIB object returns Junos OS version value for components which do not run Junos OS Product-Group=junos | The entPhysicalSoftwareRev MIB object returns Juniper OS version value for connected transceivers. This implies that the transceivers run Junos OS which is not in compliance with RFC 6933. For transceivers, entPhysicalSoftwareRev MIB object should return a zero-length string. PR1725078 introduces this fix. |
| **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; | - Upon multiple operations of deactive/active of the interface, pfe related mpls uni port stale entry might be created with |

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| | acx_rt_ccc_eth_vpws_vpn_uni_port_add:UNI VPWS port_add failed AC-IFL: <> VPN: <> (-15:Invalid configuration) Product-Group=junos | 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: 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: australia related kernel issue** |
| 1670772 | 22.2R1:FIPSCC:L2HA:After RG0 failover, node priority are set to zero for node0 with Relinquish monitoring failure. Product-Group=junos | After RG0 failover, node priorities are set to zero for both nodes with Relinquish monitoring failure. Expected behaviour is, RG0 Failover should happen gracefully without node priority being disturbed. Issue is seen after image upgrade and perform RG0 failover to node1 and/or fallback to node0. Issue is seen on latest 22.2R1.6 and 22.2R1.7 build. Issue is seen only when HA Link encryption feature is enabled to secure communication between primary and backup node Issue is not seen during fresh bringup of L2HA cluster Issue not seen in 22.3 releases L2HA device here is combination of RE3+SCB4+SPC3+IOC4. |
| **PR** | **Synopsis** | **Category: dynamic vlan creation and associated processing** |

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| 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<br>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 network stack related issues** |
| 1729913 | DHCP subscribers are stuck in DHCP-Renew state when 'overrides always-write-giaddr' is enabled<br>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. |
| **PR Number** | **Synopsis** | **Category: Border Gateway Protocol** |
| 1728604 | Traffic impact is seen when there is a single peer in the proxy BGP group connected to the BGP route reflector<br>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. |
| 1738074 | BFD session for BGP remains down in a specific scenario<br>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<br>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)<br>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<br>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). |
| 1745073 | CPU in rpd spikes and scheduler slips will be | On all Junos and Junos Evolved platforms, when Border |

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| | observed when the duplicate community is added<br>Product-Group=junos | Gateway 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: Track PRs in BGP BMP area & is part of BGP inside RPD.** |
| 1713444 | The rpd process will crash when BMP is configured<br>Product-Group=junos | On all Junos and Junos Evolved platforms, the rpd process will crash when BGP Monitoring Protocol (BMP) is configured. This will cause rpd to restart and affect routing protocols. |
| **PR Number** | **Synopsis** | **Category: BBE Remote Access Server** |
| 1729035 | Potential memory leak in authd process<br>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: Class of Service** |
| 1734013 | The CoS scheduler map will not get attached to the sub-interface correctly when shaping-rate and scheduler-map are configured on it<br>Product-Group=junos | On all MX platforms, when shaping-rate and scheduler-map are configured on a sub-interface and a wildcard expression for sub-interfaces is used in the class-of-service interface definition, then the CoS (Class of Service) scheduler map will not get attached as per the configuration to the sub-interface and will not work correctly. Example: set class-of-service interfaces unit * classifiers. |
| **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)<br>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<br>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. |
| **PR Number** | **Synopsis** | **Category: QFX Control Plane VXLAN** |

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| 1723968 | Traffic loss is seen as Type 2 routes are not pushed even after withdrawing Type 5 routes<br>Product-Group=junos | On all Junos and Junos Evolved platforms with the EVPN (Ethernet VPN) Type 2 and Type 5 Coexistence and when the host route changes from EVPN Type 5 route to non EVPN route in the rpd, traffic loss is observed as Type 2 routes are not getting pushed even after withdrawing Type 5 routes. |
| **PR Number** | **Synopsis** | **Category: Device Configuration Daemon** |
| 1714267 | The interface speed gets set to a lower speed when the interface is disabled and enabled because renegotiation of the interfaces happens at the previously negotiated speed<br>Product-Group=junos | On Junos platforms with MPC line cards, negotiated interfaces will try to come up with the speed already negotiated instead of using the original interfaces speed even if re-negotiation happens like reinserting cable. |
| 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<br>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: VPWS, L2 CKT, EVPN-VPWS** |
| 1731081 | Traffic drops on certain ACX platforms after it is upgraded<br>Product-Group=junos | On Junos ACX5448 and ACX710 platforms, when the router is upgraded with a new image then the RT (Routing-Table) programming fails in the PFE (Packet Forwarding Engine) with VPWS (Virtual Private Wire Service) configuration which causes traffic drop. |
| **PR Number** | **Synopsis** | **Category: Layer 3 forwarding, both v4+v6** |
| 1695292 | Traffic loss is more than expected with OSPF TI-LFA node- protection enabled and the primary path is down<br>Product-Group=junos | On ACX710 and ACX5448 platforms, with Open Short Path First Topology-Independent Loop-Free Alternate (OSPF TI-LFA) Node protection, Layer 3 Virtual Private Network (L3VPN) traffic loss will be more than the expected convergence time when the primary path goes down along with the 4 MultiProtocol Label Switching (MPLS) labels to be programmed in the secondary path. |
| **PR Number** | **Synopsis** | **Category: BGP MPLS VPN specific issues** |
| 1719507 | L3VPN traffic loss and PFE errors can be seen after an LSP Flap<br>Product-Group=junos | On all Junos ACX platforms, when L3VPN (Layer 3 Virtual Private Network) and MPLS-LSP (Multiprotocol Label Switching - Label-Switched Paths) is configured, L3VPN traffic loss and PFE (Packet Forwarding Engine) errors can be seen after an LSP flap. |
| **PR** | **Synopsis** | **Category: ACX IFL, IFF creation** |

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| 1691004 | The PFE process crashes on ACX5448<br>Product-Group=junos | On Junos ACX5448 platforms, the PFE (Packet Forwarding Engine) process will crash after continuous IFD (Interface Device) flaps. As a result, all traffic will be lost until the process recovers on its own. |
| **PR Number** | **Synopsis** | **Category: EVO L2 Control Plane PRs** |
| 1705712 | Traffic loss would be seen as prefix gets stuck in Hold state<br>Product-Group=junos | On Junos OS Evolved platforms with EVPN-VXLAN (Ethernet VPN Virtual Extensible LANs) feature, traffic loss would be observed as host prefix gets stuck in Hold state due to any network event which causes the route to delete and add in a quick succession. |
| **PR Number** | **Synopsis** | **Category: Configd, ffp issues** |
| 1743038 | Commit confirm and commit race condition crashes the firewall functionality<br>Product-Group=junos | On dual-RE (Routing Engine) Junos Evolved platforms, when the commit is executed during the commit confirm timeout window, it causes the firewalld to stop working. |
| **PR Number** | **Synopsis** | **Category: EVPN control plane issues** |
| 1746787 | The user will be unable to configure the interface having stacked outer VLAN and a list of inner VLANs<br>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** |
| 1715343 | Ping overlay vxlan replies Overlay-segment present even the bridge-domain has been deactivated<br>Product-Group=junos | The vxlan ping overlay request is recevied for a certain VNI on MX and the bridge-domain associcated with the VNI has been deactivated. However the MX still responses with "Overlay-segment present" sub-code in the reply message. |
| **PR Number** | **Synopsis** | **Category: EX4100 PFE** |
| 1728538 | EAP dot1x authentication stuck in connecting state<br>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** |

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| 1716902 | IGMP/MLD queries may get dropped if received on a port on the backup VC member when IGMP/MLD snooping is enabled<br>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. |
| 1732271 | Filter term dropping VRRP traffic when "then log" is configured<br>Product-Group=junos | On all Junos platforms, VRRP (Virtual Router Redundancy Protocol) packet goes to a wrong CPU queue when filter is added to match VRRP packet with "then log" action, resulting in VRRP functionality impact. |
| 1736790 | EX4400 shaping rate not working as expected<br>Product-Group=junos | On EX platforms shaping rate on 100gig link over 70g not working as expected. |
| 1747095 | LLDP will not work on HGoE VC mode with 40G VCP connections<br>Product-Group=junos | On EX4400/QFX5120 platforms, having High Gigabit over Ethernet (HGoE) Virtual Chassis (VC) mode in the master, when 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<br>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. |
| **PR Number** | **Synopsis** | **Category: EX4400 platform** |
| 1714116 | EX4400 Link/Activity LED is not lit when it transits to the factory default configuration by pressing the Factory Reset/Mode button<br>Product-Group=junos | Press the Factory Reset/Mode button on the far right side of the front panel for 10 seconds. EX4400 transitions into factory-default configuration and the Link/Activity LEDs on the network ports and the QSFP28 ports should be lit steadily in green color but were off. |
| 1720074 | Port will be down when "no-auto-negotiation" is configured on EX4400-48F platform<br>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. |
| 1740579 | 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 config for 37-48 ports. This has no functionality impact<br>Product-Group=junos | 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 config for 37-48 ports. This has no functionality impact |
| 1753576 | Runt frames generate excessive traffic statistics on EX4100/EX4400 platforms | On EX4100/EX4400 platforms with Multi-rate gigabit ethernet (MGE) ports , incorrect register is read for the runt counter and |

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| | Product-Group=junos | the calculation logic generates a big value. As these bytes are part of input octets, it displays incorrect value. |
| **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<br>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<br>Product-Group=junos | PoE firmware upgrade gets stuck in an incompatible controller scenario leading to POE not working. |
| 1745088 | Enhancement of PoE controller firmware files into Junos Software<br>Product-Group=junos | Junos Software version package does not have sufficient PoE firmware files, leading to incompatible firmware version upgrade |
| **PR Number** | **Synopsis** | **Category: Express PFE CoS Features** |
| 1738981 | DSCP classifier is not created on IP interfaces<br>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** |
| 1720527 | L2 Multicast traffic drops when PIM is configured without IGMP Snooping enabled<br>Product-Group=junos | On Junos QFX10002 and QFX10008 platforms, L2 (Layer 2) Multicast traffic drop is observed when PIM (Protocol Independent Multicast) is configured without IGMP (Internet Group Management Protocol) Snooping enabled in the EVPN-VXLAN scenario. |
| **PR Number** | **Synopsis** | **Category: SRX4100/SRX4200 platform software** |
| 1739559 | SRX4100/4200 accepts the datapath-debug configuration although it does not support it<br>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<br>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 |

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| | | go to an amnesiac state causing multiple issues. |
| **PR Number** | **Synopsis** | **Category: ISIS routing protocol** |
| 1699076 | The rpd process might crash when SPF is recalculated<br>Product-Group=junos | On all Junos and Junos Evolved platforms, the rpd (Routing Protocol Daemon) process can crash due to periodic SPF (Shortest Path first) recalculation when ISIS (Intermediate System to Intermediate System) connected or direct routes get deleted. |
| 1719033 | The rpd process crashes when TI-LFA is enabled<br>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<br>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. |
| **PR Number** | **Synopsis** | **Category: jdhcpd daemon** |
| 1713619 | A jdhcpd process crash is observed on all Junos platforms<br>Product-Group=junos | On all Junos platforms with DHCP relay/server/client configured, the jdhcpd process crashes when the Flexible PIC Concentrator (FPC) is restarted or rebooted. The DHCP functionality could be impacted. |
| 1722082 | DHCP binding is not happening in EVPN VXLAN topology with DHCP stateless relay (forward-only)<br>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<br>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. |
| 1744162 | ALQ bulklease not working for ipv6 DHCP local server<br>Product-Group=junos | ALQ bulklease not working for ipv6 DHCP local server |
| **PR Number** | **Synopsis** | **Category: JFlow bug tracker for SRX platforms** |
| 1716707 | J-flow sends wrong IP in sampling records when NAT is configured for traffic along with input sampling<br>Product-Group=junos | When NAT (Network Address Translation) is configured on interfaces along with sampling, the J-flow record will contain NAT'ed IP as opposed to the original IP. |
| **PR Number** | **Synopsis** | **Category: jpppd daemon** |

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| 1686940 | Subscribers will fail to negotiate the PPP session and be unable to login post-software upgrade<br>Product-Group=junos | On MX platforms with Subscriber Management configured, the subscribers will fail to negotiate the PPP (Point-to-Point Protocol) session and be unable to login when jpppd transitions from Backup to Master and does not receive all the Routing Table events from Kernel post upgrade. |
| **PR Number** | **Synopsis** | **Category: Flow Module** |
| 1693767 | On SRX platforms, tunnel fails to come up when tunnel destination routing instance is configured<br>Product-Group=junos | On all Junos SRX platforms, when tunnel destination routing instance is configured, the tunnel fails to come up since route lookup for the tunnel destination is performed in the ifp routing instance instead of the tunnel destination routing instance. This results in tunnel not coming up. |
| 1742739 | Virtual Routing Instance configured on ingress interface will drop the icmp traffic<br>Product-Group=junos | On all Junos platforms, If the Virtual Routing Instance is set on the ingress interface, the incoming packet will not be forwarded correctly. |
| **PR Number** | **Synopsis** | **Category: Firewall Policy** |
| 1724777 | The nsd process crash is seen when ISSU is performed on the cluster<br>Product-Group=junos | The nsd (Network Security Daemon) process crash is observed when ISSU (In Service Software Upgrade) is performed on HA (High Availability) clusters using Destination NAT (Network Address Translator). |
| **PR Number** | **Synopsis** | **Category: User Firewall related issues** |
| 1683420 | SRX Branch models are unable to connect to domain controller on installing Microsoft KB update<br>Product-Group=junos | On SRX300 series and SRX550M, when the User Identification feature is used with Active Directory, after the Domain Controller server installs updates related to Microsoft's KB article KB5004442, SRX is no longer able to connect to it. The PR1637548 did not fix this issue for these specific SRX platforms. |
| **PR Number** | **Synopsis** | **Category: IPSEC/IKE VPN** |
| 1745174 | IPSEC VPN does not come up in NAT-T scenario<br>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** |
| 1735389 | Junos OS: SRX Series: A vulnerability in J-Web allows an unauthenticated attacker to upload arbitrary files (CVE-2023-36846)<br>Product-Group=junos | A Missing Authentication for Critical Function vulnerability in Juniper Networks Junos OS on SRX Series allows an unauthenticated, network-based attacker to cause limited impact to the file system integrity. With a specific request that |

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| | | doesn't require authentication an attacker is able to upload arbitrary files via J-Web, leading to a loss of integrity for a certain part of the file system, which may allow chaining to other vulnerabilities. For more information see https://kb.juniper.net/JSA72300 |
| 1736942 | Junos OS: EX and SRX Series: A PHP vulnerability in J-Web allows an unauthenticated to control important environment variables (CVE-2023-36845)<br>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.<br>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 Number** | **Synopsis** | **Category: Layer 2 Control Module** |
| 1739975 | Layer 2 traffic will be dropped on VSTP disabled interface<br>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<br>Product-Group=junos | BPDU Protection with packet-action drop support on QFX10002-60C |
| 1746244 | clear error command support for qfx10002-60c<br>Product-Group=junos | "clear error bpdu interface" command support for qfx10002-60c. |
| **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<br>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. |
| 1733543 | Traffic loss is seen when "lacp force-up" knob is configured<br>Product-Group=junos | On all Junos and Junos OS Evolved platforms, traffic destined to the core is getting dropped when "lacp force-up" knob is configured on ae interface under EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) scenario. |

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| 1743282 | The l2ald crashes when there is recursive deletion of IFBD or when BGP neighborship is cleared in EVPN-VXLAN multi-homed configuration<br>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: Issues related to Junos licensing infrastructure** |
| 1686654 | Subscribers are not able to connect to the device after the device reboot<br>Product-Group=junos | Due to a rare timing issue all subscribers may fail to connect and get suck in init state after reboot of MX broadband network gateway (BNG). |
| **PR Number** | **Synopsis** | **Category: Multiprotocol Label Switching** |
| 1740226 | LSP with auto bandwidth enabled is not updating its Max AvgBW value, preventing the LSP from being resized<br>Product-Group=junos | On all Junos and Junos OS Evolved platforms, when there is no underflow limit configured under auto-bandwidth for an RSVP (Resource Reservation Protocol) LSP (Label Switched Paths), and if the traffic across the LSP is reduced and there is an underflow, the LSPs continue to be signaled with a higher bandwidth without being adjusted even after multiple adjustment intervals. The issue is observed only when there is a secondary standby path present. The MaxAvgBw (Maximum Average Bandwidth) value continues to stay at a higher value and is not being set based on the underflow Max Avg. This will eventually lead to bandwidth starvation for other LSPs. |
| **PR Number** | **Synopsis** | **Category: For multicast snooping on MX** |
| 1699784 | The mcscnoopd process will be stuck in resync state after snooping configuration is deleted and added again immediately<br>Product-Group=junos | On all Junos platforms, when the multicast snooping configuration is deleted and added again immediately, the mcscnoopd (multicast-snooping process daemon) process will be stuck in the resync state, impacting the multicast traffic. |
| **PR Number** | **Synopsis** | **Category: MX Timing software** |
| 1652275 | PTP Playback Engine reset error is reported sporadically with PTP FPGA Firmware version A4 7<br>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. |
| 1704633 | Interface flaps are seen after PTP GM changes to a different FPC slot<br>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 | On all MX platforms with 20x1GE MICs (Modular Interface Card), PTP (Precision Time Protocol) downstream client cannot |

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| | Product-Group=junos | receive an accurate clock from the router after an upgrade or FPC restart which impacts the PTP functionality. |
| **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"<br>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." |
| **PR Number** | **Synopsis** | **Category: Track Mt Rainier RE platform software issues** |
| 1655935 | Images older than 22.2R1S2 can be installed on RE-S-X6-128G-K. This will result in system booting to Linux prompt<br>Product-Group=junos | Currently User can install images older that the minimum supported image on RE-S-X6-128G-K. System comes up in Linux prompt in such cases. |
| **PR Number** | **Synopsis** | **Category: OS IPv4/ARP/ICMPv4** |
| 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<br>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** |
| 1714785 | Back to back GRES causes the vmcore to crash<br>Product-Group=junos | On all Junos platforms, vmcore crashes will be seen in a rare scenario after performing back to back GRES (Graceful Route Engine Switchover). |
| 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<br>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: OSPF routing protocol** |
| 1741480 | The rpd crashes when repeated routing-instance and interface is flapped<br>Product-Group=junos | The rpd is seen to crash when OSPF (Open Shortest Path First) is configured and repeated routing-instance and interface is flapped. The rpd crash leads to traffic impact. |
| **PR Number** | **Synopsis** | **Category: Express Chip L3 software** |
| 1713279 | Next-hop programming issue at PFE on Junos PTX and QFX10k platforms when the member of unilist is in hold state<br>Product-Group=junos | On PTX Series routers and the QFX10000 line of switches, traffic going over unilist is dropped when unilist member goes from next-hop hold state to unicast/aggregate state. |

| PR Number | Synopsis | Category: Phone-Home-Client Infrastructure |
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| 1687926 | Unable to onboard the VC members after performing ZTP due to the phone-home process sending a blank in the device serial number field while connecting to the redirect server<br>Product-Group=junos | When EX4100/EX4400 devices are first powered on, the Zero Touch Provisioning (ZTP) by phone home will provision the devices. In rare situations where the powered devices are already connected with Virtual Chassis Port (VCP) cables to form a Virtual Chassis (VC), the ZTP using the phone home will keep retrying to connect the redirect server and unable to onboard VC because of the blank serial number sent by the phone home due to the memory corruption. |
| 1726603 | Memory leak is observed on all Junos platforms during ZTP<br>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<br>Product-Group=junosvae | Phone-Home redirect config missing for EX4650 after zeroize |
| **PR Number** | **Synopsis** | **Category: Protocol Independant Multicast** |
| 1720240 | RPD process crashes on all Junos and Junos OS Evolved platforms after adding static route to the VRF in some scenarios<br>Product-Group=junos | When static route is added to the VRF (Virtual Routing and Forwarding), and mc-ip (multicast-ip) and the PIM (Protocol Independent Multicast) instance get deleted in some scenarios, the RPD process crash is seen on all Junos and Junos OS Evolved platforms. |
| **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<br>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 platform fabric mgmt for Express ASIC chip** |
| 1734735 | Packet drop is observed due to SIB ASIC issue on fabric<br>Product-Group=junos | On all inserted FPCs of Junos based QFX10K8/QFX10K16 platforms,due to SIB (Switch Interface Board) ASIC (Application-Specific Integrated Circuit) issue on fabric, packets are getting dropped and major errors "PECHIP_CMERROR_EPW_MISC_INT_EVENTS_CRC_ERR (0x2101aa)" are reported. These errors are not auto-cleared on a couple of FPCs. |
| **PR Number** | **Synopsis** | **Category: QFX PFE Class of Services** |
| 1726124 | The class of service subsystem crashed after the device is restarted or the switchover is | On Junos QFX5100 and QFX5110 platforms in virtual chassis, the cosd crash is observed when the GRES (Graceful Routing |

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| | performed<br>Product-Group=junos | 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: QFX L2 PFE** |
| 1705853 | Tracking PR to add the null check for list_get_head if magic is NULL.<br>Product-Group=junos | On all Junos platforms, as list_get_head function is called in multiple places in pfe we needed previous 3 functions on the stack which had called list_get_head, so we could debug why 'list_get_head list has bad magic' this error has occured. |
| 1730076 | Packets received on a port that is in "LACP Detached" state is getting forwarded<br>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<br>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. |
| 1741316 | The traffic drop is observed due to the MAC source address being learned from the wrong direction<br>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 Number** | **Synopsis** | **Category: QFX L3 data-plane/forwarding** |
| 1704489 | High CPU utilization causes a latency/slowness issue on QFX platforms<br>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<br>Product-Group=junos | On all EX and QFX platforms, BFD(Bidirectional Forwarding Detection) sessions are flapped with VLAN configuration change on LAG interface. |
| 1725375 | DCPFE process crash can be seen on all Junos EX and QFX5K platforms with MACSEC enabled<br>Product-Group=junos | On all Junos platforms supporting MACSEC (Media Access Layer Security), the DCPFE (Dense Concentrator Packet Forwarding Engine) process might crash in a rare scenario when the configuration of MACSEC is deleted from the interface and the PFE is trying to access the memory location of the interface. The DCPFE process crash will lead to the FPC (Flexible PIC Concentrator) reboot but the system will self-recover. |
| **PR Number** | **Synopsis** | **Category: QFX MPLS PFE** |
| 1742364 | Traffic dropped is observed in the MPLS LDP | On Junos QFX5100 and EX4600 platforms when there is MAC |

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| | scenario when the peer device MAC address is changing<br>Product-Group=junos | (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<br>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<br>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. |
| 1736954 | Unexpected VLAN tagging behavior would be observed in the EVPN-VXLAN scenario<br>Product-Group=junos | On Junos QFX5K/EX4650/EX4400/EX4100 platforms, in Ethernet VPN - Virtual Extensible Local Area Network (EVPN-VXLAN) scenario when multiple access ports with different VLAN (Virtual LAN) Ids in the same BD-VNI (Bridge-Domain VXLAN Network Identifiers) domain, the ingress VLAN is retained while the packet is egressing on other ports. This is seen when the knob 'encapsulate-inner-vlan' is configured and the IFD is configured with 'flexible-vlan-tagging'. |
| 1738205 | Traffic drop observed when encapsulation ethernet-bridge is configured on the AE interface associated with VxLAN VLAN<br>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<br>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<br>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. |
| **PR Number** | **Synopsis** | **Category: QFX10008/16 QFX10002 Ultimat/Elit platform related issues -** |

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| 1734734 | Online SIBs will go down due to a faulty SIB that triggers spmbpfe crash<br>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<br>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: 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<br>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: QFX5200/5110/5120/5210 Platfom issues** |
| 1707094 | The FPC crash can be seen on QFX5k platforms during simultaneous soft and hard OIR of SFP<br>Product-Group=junos | On all Junos QFX5k platforms, the FPC (Flexible PIC Concentrator) crash can be seen. This is a timing issue when soft OIR (Online Insertion and Removal) and hard OIR of the SFP (Small form-factor pluggable) is done at the same time, this triggers the PFE (Packet Forwarding Engine) crash, and consequently, the FPC restarts. There will loss to data plane traffic when the FPC restarts. |
| 1720884 | Interface with QSFP+-40G-CU50CM will be down<br>Product-Group=junosvae | The interface will be down on EX and QFX platforms with QSFP+-40G-CU50CM (740-044512) resulting in traffic loss. In the VCP (Virtual Chassis port) scenario if connected with QSFP+-40G-CU50CM it does not come up and break the VC (Virtual Chassis) environment when upgrading or rebooting the device. |
| **PR Number** | **Synopsis** | **Category: Issues related to dynamic-tunnels routing infrastructure** |
| 1695236 | The rpd process crash is observed when dynamic tunnel deletes composite next-hop<br>Product-Group=junos | On all Junos OS Evolved platforms, the rpd process crash is observed when dynamic tunnel deletes composite next-hop. |
| **PR Number** | **Synopsis** | **Category: Indirect nexthop routing infrastructure** |
| 1692776 | The rpd crash will be observed when there is a temporary recursion loop and routes are flapping<br>Product-Group=junos | On all Junos and Junos Evolved platforms, the rpd process crashes when a temporary recursive loop forms. This happens when a BGP route flaps and while the options 'multipath-resolve' and 'preserve-nexthop-hierarchy' are configured. |

| PR Number | Synopsis | Category: RPD Next-hop issues including indirect, CNH, and MCNH |
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| 1716436 | Traffic loss due to incorrect route resolution and KRT queue getting stuck with 'EINVAL -- Bad parameter in request' error Product-Group=junos | On all Junos and Junos OS Evolved platforms, due to a bug in route resolution over specific types of next hops, the route can resolve over itself and the nexthop chain keeps expanding. Due to this issue, the depth of recursion gets higher than supported and the KRT (Kernel Routing table) queue returns errors for nexthops. As a result, there will be incorrect route resolution, traffic loss and occasionally, the rpd (routing protocol deamon) crashes. The necessary configurations and conditions that will result in this issue are below 1. BGP (Border Gateway Protocol) Prefix-Independent Convergence (PIC) ("protect core") is configured and BGP receives same prefix from EBGP and IBGP neighbors 2. BGP LU (Labeled Unicast) with "protection" to create backup path to protect the active and BGP receives same prefix from EBGP and IBGP neighbors 3. Mutually recursive Route resolvability situations like Resolving using Default-route (not having proper resolution config) |
| **PR Number** | **Synopsis** | **Category: RPD policy options** |
| 1706143 | Issue in committing more than 23, 4-byte AS on Junos and Junos Evolved platforms Product-Group=junos | On all Junos and Junos Evolved platforms, when a 4 byte autonomous system (AS) number is committed with more than 23 as-path in as-path-prepend policy it gives "rpd string" error and the configuration commit fails. |
| 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: Shard routing infrastructure within RPD** |
| 1716431 | Memory leak will be observed in rpd after performing restart routing Product-Group=junos | On all Junos OS and Junos OS Evolved platforms with rib-sharding enabled, memory leak will be observed in rpd when restart routing is performed. If system is up from long time and restart routing performed multiple times can exhaust system memory that causes to process crash or configuration are not effective/applied because of lack of memory then it is possible that it will impact traffic. |
| **PR Number** | **Synopsis** | **Category: RPD route tables, resolver, routing instances, static routes** |
| 1742147 | Memory leak observed when reconfiguring the flow routes | On all Junos and Junos OS Evolved platforms, if the nexthop of a flow route is the same as it was before when reconfiguring |

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| | Product-Group=junos | 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. |
| **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: jflow/monitoring services** |
| 1656885 | The srrd process might crash in a high route churns or process flap scenario Product-Group=junos | On all Junos OS platforms with inline Jflow enabled, the sampled route reflector process (srrd) might crash at times due to unavailability of memory resource during high route churns or flaps scenario. |
| **PR Number** | **Synopsis** | **Category: SW PRs for SCBE3 fabric** |
| 1724007 | Complete traffic blackhole from one PFE to another on fabric links after injecting/reporting CRC errors on fabric links of MX10008 Product-Group=junos | On the MX10008 platform, the low-priority stream might be marked as a destination error and as a result, the low-priority stream is stuck and all traffic might get dropped. Complete traffic blackhole is observed from one PFE to another. |
| **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** |

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| 1732746 | nsd crash impacting remote access vpn on SRX devices<br>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: SRX branch platforms** |
| 1715247 | Interface speed stays 100Mbps when removing speed and duplex command separately<br>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<br>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<br>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<br>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: SRX-1RU platfom related protocol, QoS, filtering features et** |
| 1729284 | L2 channel error counter increases when unknown family packets received by interfaces<br>Product-Group=junos | On SRX4600 and SRX5K platforms, the L2 channel error counter will increase when some unknown family packets received by interfaces. |
| 1737721 | Junos OS installation using USB can fail on SRX4600<br>Product-Group=junosvae | On SRX4600 platforms, Junos OS installation using USB can fail due to slow USB detection. |
| **PR Number** | **Synopsis** | **Category: SRX-3RU platfom SW defects** |
| 1703220 | Secondary node goes into disabled state after failover<br>Product-Group=junos | On certain SRX series platforms in a chassis cluster environment, during redundancy group failover, RE CPU busy can cause JSRPD process slip and the cluster control link to go down. If the control link goes down for more than 3 seconds, the secondary node will move to ineligible and then disabled. |
| **PR Number** | **Synopsis** | **Category: ZT/YT pfe, vpls, mesh group software** |
| 1695438 | The BUM packets are getting dropped on MX platforms during egress processing due to | The BUM (Broadcast, Unknown Unicast, and Multicast) packets are getting dropped at egress processing on all MX platforms |

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| | PFE mismatch<br>Product-Group=junos | due to an interoperability issue of MPC1/MPC2/MPC3/MPC4/MPC5/MPC6/MPC7/MPC8/MPC9 with MPC10/MPC11/LC9600 line card. It is observed when equal-cost multipath (ECMP) is enabled for the load-sharing data for an incoming traffic destined to the neighbours. It can be seen with any ECMP traffic distribution configuration. |
| **PR Number** | **Synopsis** | **Category: Issues related to broadband edge apps (PPP, DHCP) on Trio ch** |
| 1717621 | FPC's will be stuck at maximum CPU utilization when Nextgen statistics thread is hogging the CPU<br>Product-Group=junos | On all Junos platforms that support subscriber management, the Nextgen statistics thread hogs the Central Processing Unit (CPU). This causes the Flexible PIC Concentrators (FPC's) to get stuck at 100% CPU utilization. |
| **PR Number** | **Synopsis** | **Category: Trio pfe qos software** |
| 1732690 | Heap memory leak on MPCs used for subscriber termination.<br>Product-Group=junos | Heap memory leak on access MPCs used for subscriber termination may be observed in a subscriber-management environment. |
| 1736890 | The CoS rewrite rules will not be working in the EVPN with IRB scenario<br>Product-Group=junos | On Junos platforms, the Class of Service(CoS) rewrite rules are not working in Ethernet Virtual Private Network(EVPN) with integrated routing and bridging (IRB) scenarios. The packets will not be overwritten as per the rewrite rules and traffic forwarding through an IRB interface will not be working as expected. |
| **PR Number** | **Synopsis** | **Category: Trio pfe stateless firewall software** |
| 1742123 | Inline-monitoring will not work as expected when more than one instances are configured<br>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 l3 forwarding issues** |
| 1739854 | Major alarms will be observed on the FPC when ALB is enabled under AE interface<br>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 "LUCHIP 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: UI Infrastructure - mgd, DAX API, DDL/ODL** |
| 1693630 | In JUNOS EVO "show \| display inheritance" does not work correctly for LSPs with | An LSP with whitespace in the name does not display correctly when viewing the configuration using 'show \| display |

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| | whitespace in the name<br>Product-Group=junos | inheritance' |
| 1730336 | The rpd crashes and the commit operation fails while pushing a large configuration with the "extend-size" knob enabled<br>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. |
| 1730442 | Device boots up even with incompatible configuration<br>Product-Group=junos | When 'no-validate' option is used during upgrade, presence of configuration not compatible with target software version leads to the device going into amnesiac state on first reboot. But when the device is rebooted again it boots up with the incompatible configuration and SSH (Secure Socket Shell) is restored. |
| 1745565 | The mgd process crash is observed when 'show' is executed from the configuration mode<br>Product-Group=junos | On all Junos platforms, when 'show' is executed from the configuration mode, a mgd process crash is observed which has no functionality impact. |
| **PR Number** | **Synopsis** | **Category: Antivirus UTM issue** |
| 1725938 | Outlook notification channel connection is not established<br>Product-Group=junos | On all Junos SRX platforms, When the http traffic is chunked then Outlook notification channel connection is not established due to which, the mail notifications were not received on the browser. |
| **PR Number** | **Synopsis** | **Category: web filterig issues** |
| 1725359 | Memory leak is observed on all Junos SRX platforms with http-persist and http-reassembly configuration<br>Product-Group=junos | On all Junos SRX platforms with http-persist and http-reassembly configuration when firewall policy is attached with enhanced or redirect WF (Web Filtering) policy, memory leak will be observed in PFE (Packet Forwarding Engine) which leads to traffic drop. |
| **PR Number** | **Synopsis** | **Category: Junos Fusion Satellite Device Infrastructure** |
| 1733558 | Junos Fusion Satellite device will be stuck in the SyncWait state<br>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: usf ipsec related issues** |
| 1734212 | IPSEC traffic drops when two ARI routes get installed for the same tunnel<br>Product-Group=junos | On Junos MX and MX-VC devices having Junos-ike (Internet Key Exchange) package installed, the ARI (Auto Route Insertion) route generally gets pushed to the rpd for each config tunnel having traffic selector based on-traffic VPNs (Virtual Private Network). But it has been observed that if the iked process is |

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| | | restarted before the actual tunnel is negotiated, then it will result in two ARI route entries (corresponding to the same config tunnel) and this will impact the IPSEC (Internet Protocol Security) traffic on that tunnel. |
| 1744601 | With multiple Traffic Selectors having same remote-ip, the traffic works only for first tunnel on MX platforms with SPC3 cards<br>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<br>Product-Group=junos | Sometimes, the log-tag within a stream is not used in syslog generation. |

## 22.2R3-S2 - List of Known issues

| PR Number | Synopsis | Category: EX4300 PFE |
|---|---|---|
| 1720219 | PFE process crash is observed on Junos EX4300 platforms<br>Product-Group=junos | 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 the PFE comes up.<br><br>*Resolved In:* junos:20.4R3-S9 junos:21.4R3-S4 junos:21.4R3-S5-X1 |
| **PR Number** | **Synopsis** | **Category: EX4300 Platform** |
| 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<br>Product-Group=junos | 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<br><br>*Resolved In:* |
| **PR Number** | **Synopsis** | **Category: EX-Series VC Infrastructure** |
| 1700133 | One of the Virtual Chassis members on EX4600-VC might be disconnected during VC initialization<br>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.<br><br>*Resolved In:* junos:20.2R3-S7 junos:20.4R3-S9 junos:21.4R3-S4 |

| PR Number | Synopsis | Category: SRX DNS DGA and tunneling related |
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| 1727122 | Nstraced process is running high on the primary node after the Junos upgrade<br>Product-Group=junos | On all Junos SRX/vSRX platforms, nstraced process spikes to 100% usage after upgrading to Junos version 21.4R3-S2 or any later releases without having any traces/debugs explicitly configured in the RE (Routing Engine) or PFE (Packet forwarding Engine) of the device.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.1R3-S3 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 |

| 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<br>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<br><br>*Resolved In:* junos:21.2R3-S6 |

| PR Number | Synopsis | Category: MPC Fusion SW |
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| 1744883 | 100G interfaces will flap due to RE switchover on Junos MX platforms with MPC3E-3D-NG/MPC-3E-3D-NG-Q linecards<br>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.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.2R3-S6 junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |

| PR Number | Synopsis | Category: BBE Advanced Services related issues |
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| 1735560 | The bbe-smgd crash can be seen in a certain scenario<br>Product-Group=junos | On Junos MX platforms supporting subscriber services, the bbe (broadband edge)-smgd (subscriber management daemon) crash can be observed due to memory consumption which will impact subscribers from bringing up.<br><br>*Resolved In:* evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |

| PR Number | Synopsis | Category: Border Gateway Protocol |
|---|---|---|
| 1687887 | More than expected traffic loss is seen with ECMP FRR enabled during link down scenario<br>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 |

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| | | Convergence) configured.<br><br>*Resolved In:* evo:21.4R3-S4-EVO evo:22.1R3-S4-EVO evo:22.3R3-EVO evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:20.3X75-D46 junos:21.2R3-S5-J8 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S4 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1 |
| 1712527 | The PE advertises incorrect next-hop towards CE although BGP export policy configured with next-hop under policy-statement<br>Product-Group=junos | The show route advertising-protocol bgp reporting nexthop self rather than IP in the configured policy-statement for next-hop.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.2R3-S6 junos:21.3R3-S5 junos:22.4R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1732087 | The rpd process will crash in a scaled BGP setup with traceoptions configured<br>Product-Group=junos | On all Junos and Junos Evolved platforms in a scaled Border Gateway Protocol (BGP) setup with different Hold timers and BGP trace options enabled, the rpd process will crash when multiple BGP sessions are enabled/disabled.<br><br>*Resolved In:* evo:22.3X80-D38-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1732833 | RPD core files might be seen when BGP RIB sharding is used<br>Product-Group=junos | RPD might stop responding and generate core files (or dump files) when BGP RIB sharding is used.<br><br>*Resolved In:* evo:21.2R3-S6-EVO evo:21.3R3-S5-EVO evo:21.4R3-S4-EVO evo:22.1R3-S3-EVO evo:22.2R3-S1-EVO evo:22.3R3-EVO evo:22.3X80-D35-EVO evo:22.3X80-D36-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:20.3X75-D36 junos:20.3X75-D51 junos:20.4R3-S8 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S4 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 |
| 1742416 | RPD scheduler slip is observed when the BGP session flaps and subsequent configuration changes for the same peer<br>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.<br><br>*Resolved In:* evo:22.3X50-EVO evo:22.3X80-D38-EVO evo:22.3X80-D39-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.3X75-D46 junos:21.2R3-S6 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1742513 | When BGP is configured in routing-instance virtual router without L3VPN configuration, default MPLS table is being created unexpectedly<br>Product-Group=junos | On all Junos platform, when BGP is configured in routing-instance virtual router without L3VPN configuration, default MPLS table is being created unexpectedly for VR instance routing table<br><br>*Resolved In:* evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO junos:20.4R3-S9 junos:22.4R3 junos:23.1R2 |

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| | | junos:23.2R2 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: MX304 line card platform software** |
| 1739718 | Incomplete FPC Firmware details will be displayed<br>Product-Group=junos | On MX304 and MX platforms with MPC11 and LC9600, the CLI command 'show system firmware' may sometimes not display all the firmware details of FPC components. This prevents the FPC firmware components from being upgraded to the latest version when the firmware upgrade is performed.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-S1-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1741901 | MX304 - High FPC Heap memory usage<br>Product-Group=junos | High memory usage or increase in memory consumption for initial few days is not really an issue. It's expected and working as per design. Heap memory utilization increase/high is accounted for the physical RAM memory usage by ramdisk. There is a ramdisk partition (which uses RAM as a storage disk to store the files) which is used to store the trace logs and Linux journalctl and few other logs. Also, Linux kernel will do lazy allocation based on the need and will not allocate all memory at a single go. Once the complete partition size of the ramdisk memory is allocated in physical RAM, there will not be any more continuous increase in heap memory.<br><br>*Resolved In:* |
| **PR Number** | **Synopsis** | **Category: MX304 Routing Engine issues** |
| 1750596 | MX304: ssh is not enabled by default.<br>Product-Group=junos | Started from 21.4, NG-RE platform such as MX304 should enable ssh by default. Here the fix sets the same as other platforms(MX10K/MX2K) do. user@MX304-re0> show configuration groups junos-defaults system services ## ## protect: groups junos-defaults ## ssh; tftp; user@MX304-re0><br><br>*Resolved In:* junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1 |
| **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<br>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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: Virtual-chassis platform/chassisd infrastructure PRs for MX** |

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| 1701376 | Reconfiguration of a deleted VCP is not progressing as anticipated<br>Product-Group=junos | On all MX platforms having PICs (Physical Interface Cards) that support transceiver channelization, the configuration of a deleted VCP through CLI is failing.<br><br>*Resolved In:* evo:22.3X80-D38-EVO evo:22.3X80-D39-EVO junos:21.2R3-S3-J15 junos:21.2R3-S5 junos:22.2R2-S2-J6 junos:23.1R1 junos:23.1R2 junos:23.2R1 |
| **PR Number** | **Synopsis** | **Category: CFM** |
| 1733134 | Configuring CFM on ae interfaces on EX series virtual chassis will lead to ppmd cores.<br>Product-Group=junos | If the EX series switches are configured in a virtual chassis, and CFM is being configured on AE interfaces, ppmd cores will be seen.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: Platform PR for 1G/10G LC** |
| 1739595 | The FPC will core and crash in a race condition<br>Product-Group=junos | On all Junos and Junos Evolved platforms, in a rare scenario, the FPC will go down due to core.<br><br>*Resolved In:* 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 |
| **PR Number** | **Synopsis** | **Category: Gnats category for dynamic rendering infrastructure** |
| 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<br>Product-Group=junos | For leaves of data type ieeefloat32, the value will be encoded in bytes while being streamed to collector. The value contained in such leaves may not be completely accurate.<br><br>*Resolved In:* evo:23.3R1-EVO junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: EX4400 platform** |
| 1697678 | The "show chassis led" output is not working as expected for beacon LED<br>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.<br><br>*Resolved In:* |
| 1709483 | On EX4400, "show chassis environment power-supply-unit" displays only master member's details.<br>Product-Group=junos | On EX4400, "show chassis environment power-supply-unit" displays only master member's details.<br><br>*Resolved In:* junos:21.4R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1729464 | EX4400: While exporting telemetry data, transceiver data is also streamed when | When data is streamed through telemetry, transceiver data is also streamed, even when there is no transceiver in device |

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| | there is no transceiver in device itself.<br>Product-Group=junos | itself. There is no functional impact. There is no workaround for this issue.<br><br>*Resolved In:* junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1 |
| 1735786 | Port LEDs are not working as expected when the mode is changed from default to EN<br>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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1 |
| 1741105 | On EX4400, with pre-configuration of 10G speed on 4 x 10G uplink module, post reboot XE interface may not get created<br>Product-Group=junos | On EX4400, with pre-configuration of 10G speed on 4 x 10G uplink module, post reboot XE interface may not get created Workaround is to delete the pre-set speed config after the reboot.<br><br>*Resolved In:* |
| 1742320 | On EX4440 4x 25G uplink module , with a mix of 10G and 25G optics , 25G ilnks may not come up when 10G speed is added and rolled back on PIC2<br>Product-Group=junos | On EX4440 4x 25G uplink module , with a mix of 10G and 25G optics , 25G ilnks may not come up when 10G speed is added and rolled back on PIC2<br><br>*Resolved In:* junos:22.2R3-S1 |
| **PR Number** | **Synopsis** | **Category: Express PFE L2 fwding Features** |
| 1738197 | Black-holing of l3-inject traffic on QFX10K platforms<br>Product-Group=junos | On Junos QFX10K platforms, because of any hardware (HW) or chassis management (CM) issue there will be Trinity Offload Engine (TOE) cmerrors. Some cmerrors are classified as MAJOR and the default action for these errors is cmalarm but it will stall the Packet Forwarding Engine (PFE) TOE HW. Due to which PFE can't drain packets to ASIC even though it is active.<br><br>*Resolved In:* junos:21.4R3-S5 junos:23.2R2 junos:23.3R1 junos:23.3R2 |
| 1746435 | QFX10002-60c port et-0/0/30 part of a lag is dropping peer ARP reply after configuring a GRE tunnel<br>Product-Group=junos | GRE IFL configuration was changing the physical port's igport attributes in IGP.<br><br>*Resolved In:* junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1748500 | Traffic drop will be observed when Label MPLS traffic egressing out on the IRB interface as IPV4<br>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.<br><br>*Resolved In:* junos:20.3X75-D46 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: SRX4100/SRX4200 platform software** |

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| 1630981 | BGP down due to BFD expired; failover restored services<br>Product-Group=junos | All VPN traffic may internally drop during encryption / decryption processing in HW engine requiring PFE plane reset.<br><br>*Resolved In:* junos:20.4R3-S7 junos:21.4R3-S3 junos:22.4R3 junos:23.2R1 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: ISIS routing protocol** |
| 1746349 | Traffic loss observed in SR-LDP stitch scenario when ECMP is enabled on PTX platforms<br>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.<br><br>*Resolved In:* evo:21.4R3-S5-EVO evo:22.1R3-S4-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.4R3-S7-J2 junos:20.4R3-S9 junos:21.4R3-S4-J3 junos:22.1R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: jdhcpd daemon** |
| 1694952 | Auto-image-upgrade knob is not present when EX-VC is zeroized and VC is formed<br>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.<br><br>*Resolved In:* junos:21.4R3-S4 junos:22.1R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1743611 | DNS received through DHCP is lost after a commit and not able to ping internet<br>Product-Group=junos | If name-server information is changed via CLI after the DHCP subscribers are up, DNS obtained from DHCP server is overwritten by local config. This may result in DNS look up failures in some cases.<br><br>*Resolved In:* |
| **PR Number** | **Synopsis** | **Category: Adresses ALG issues found in JSF** |
| 1728638 | SIP ALG not working for SIP traffic with MIME header and traffic is dropped<br>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.<br><br>*Resolved In:* 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: Flow Module |
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| 1704623 | Core dump will be seen when user is changing interface configuration<br>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.<br><br>*Resolved In:* junos:20.4R3-S9 junos:21.4R3-S5 junos:22.2R3 junos:22.3R2 junos:22.3R3 junos:22.4R2 junos:23.1R1 junos:23.2R1 |
| **PR Number** | **Synopsis** | **Category: High Availability/NSRP/VRRP** |
| 1736498 | In SRX MNHA cluster setup the RSI takes long time to generate<br>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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.3R3 junos:22.3R3-S1 junos:22.4R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **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<br>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.<br><br>*Resolved In:* 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<br>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.<br><br>*Resolved In:* 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 | "show mac-vrf flood vlan-name" is changed to "show mac-vrf flood bridge-domain"<br>Product-Group=junos | "show mac-vrf flood vlan-name" is changed to "show mac-vrf flood bridge-domain"<br><br>*Resolved In:* |

| PR Number | Synopsis | Category: lacp protocol |
|---|---|---|
| 1461581 | The LACP force-up and EVPN core isolation features are not supported together.<br>Product-Group=junos | In an EVPN multihomed active-active scenario, when LACP is enabled on PE-CE child member links, LACP force-up feature should not be enabled in conjunction with EVPN core isolation feature (enabled by default) because it is currently not supported in this scenario as these two features are contradictory in terms of action they take.<br><br>*Resolved In:* |
| **PR Number** | **Synopsis** | **Category: Label Distribution Protocol** |
| 1687834 | After disable/enable MPLS, targeted LDP session is not getting established<br>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.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R1-EVO junos:21.4R3-S5 junos:22.4R3 junos:23.1R1 |
| **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<br>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.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: SW PRs for MPC10E PlatformD** |
| 1706623 | AFT Core and FPC restart after a configuration change and PIC bounce on an MPC10<br>Product-Group=junos | AFT Core and FPC restart after a configuration change and PIC bounce on an MPC10<br><br>*Resolved In:* evo:22.3R3-EVO evo:22.4R2-EVO evo:23.1R1-EVO evo:23.2R1-EVO junos:21.4R3-S5 junos:22.2R3 junos:22.3R3 junos:22.4R2 junos:23.1R1 junos:23.2R1 |
| **PR Number** | **Synopsis** | **Category: Multiprotocol Label Switching** |
| 1705964 | Member LSPs of a container LSP will be torn down unexpectedly<br>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 |

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| | | 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.<br><br>*Resolved In:* evo:21.4R3-S5-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: MX Timing software** |
| 1750316 | SyncE stuck in holdover upon PTP slot switchover without change in PTP phase align state<br>Product-Group=junos | SyncE stuck in holdover upon PTP slot switchover without change in PTP phase align state.<br><br>*Resolved In:* junos:20.4R3-S9 junos:21.2R3-S6 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: FreeBSD Kernel Infrastructure** |
| 1691036 | NTP time drift<br>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.<br><br>*Resolved In:* junos:23.1R2 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: Kernel MPLS / Tag / P2MP Infrastructure** |
| 1747365 | rpd crash observed during RE switchover or Route Convergence<br>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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.1R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **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.<br>Product-Group=junos | show system connections show-routing-instances; reports all routing-instances as unknown.<br><br>*Resolved In:* junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1 |

| PR Number | Synopsis | Category: Express Chip L3 software |
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| 1738541 | Traffic drop observed when next-hop installation fails in a high-scale multicast/unicast scenario<br>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.<br><br>*Resolved In:* junos:19.2X3-J1 junos:21.2R3-S6 junos:21.4R3-S4 junos:22.1R3-S4 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 |
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| 1711860 | The dcpfe process will crash due to memory fragmentation<br>Product-Group=junos | On Junos and Junos OS Evolved platforms, the dcpfe(Dense Concentrator Packet Forwarding Engine) process crash will be observed due to memory fragmentation issue. This is a very rare case and would impact traffic as due to dcpfe failure the PFE restarts, so the interfaces will flap.<br><br>*Resolved In:* evo:23.4R1-EVO junos:23.4R1 |
| 1736348 | BFD session remains stuck in INIT state on certain QFX and EX platforms<br>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.<br><br>*Resolved In:* junos:21.4R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.4R1 |

| PR Number | Synopsis | Category: QFX L3 data-plane/forwarding |
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| 1666260 | Traffic is not restored when l2circuit configurations are deleted and added back on QFX5K<br>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.<br><br>*Resolved In:* junos:20.2R3-S8 junos:20.4R3-S8 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S5 junos:22.3R3 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1742763 | Traffic drop will be observed after extended-vni-list configuration change with EVPN-VXLAN scenario<br>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. |

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| | | *Resolved In:* junos:20.4R3-S9 junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: QFX EVPN / VxLAN** |
| 1730771 | Traffic is impacted due to high CPU and dcpfe/fxpc crash (in some cases) in EVPN-VXLAN scenario<br>Product-Group=junos | On Junos QFX5k and EX platforms, a high CPU and dcpfe/fxpc crash (in some cases) is seen in the EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) scenario.<br><br>*Resolved In:* junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S4 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: QFX5100 Virtual Chassis** |
| 1718062 | VCP ports on 10G not coming up after reboot<br>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.<br><br>*Resolved In:* junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S5 |
| **PR Number** | **Synopsis** | **Category: QFX5200/5110/5120/5210 Platfom issues** |
| 1638156 | QFX5120: 100G VCP port is detected as 40G in BCM shell<br>Product-Group=junos | When a 100G interface on a QFX5120 is converted to a VC port, the interface stays down as the port is configured as 40G internally.<br><br>*Resolved In:* |
| 1700957 | On QFX 5200 post upgrading to 21.4R1-S2.3 User might observe fan alarms.<br>Product-Group=junosvae | On QFX 5200 post upgrading to 21.4R1-S2.3 User might observe fan alarms. These alarms can be ignored unless there is a real problem.<br><br>*Resolved In:* |
| **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<br>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.<br><br>*Resolved In:* evo:21.3R3-S5-EVO evo:21.4R3-S5-EVO evo:22.1R3-S4-EVO evo:22.3R3-S1-EVO evo:22.3X80-D38-EVO evo:22.3X80-D39-EVO evo:22.4R2-S2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.2R3- |

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| | | S5-J13 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **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.<br><br>*Resolved In:* evo:21.4R3-S5-EVO evo:22.1R3-S4-EVO evo:22.3R3-S1-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5 junos:22.1R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: RPD route tables, resolver, routing instances, static routes** |
| 1748152 | RPD crashed at bit_valid_offset (vec=0x0, offset=0) at ../../../../../../src/daemon-infra/lib/libjtask/bit_vector/bit_vector.c:79 Product-Group=junos | Rpd crashes at bit_valid_offset().<br><br>*Resolved In:* evo:23.2R2-EVO evo:23.3R1-EVO evo:23.3R2-EVO evo:23.4R1-EVO junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: Resource Reservation Protocol** |
| 1713392 | PathErr with RoutingProblem error code generated unexpectedly during dual failure local repair Product-Group=junos | When an LSR acts as a Point of Local Repair (PLR) as well as a Merge Point (MP) for an LSP during a double failure scenario, the LSR incorrectly originates one or two PathErr messages with RoutingProblem (code=24/2) instead of originating PathErr with NotifyError (code/subcode=25/3). This will not cause any service impact if the ingress LER would not react adversely to RoutingProblem error (code=24/2).<br><br>*Resolved In:* evo:21.4R3-S4-EVO evo:22.3R3-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-S2 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: Bug and Review Tracking for Segment routing traffic eng** |
| 1737119 | The traffic blackhole will be observed when the SRTE shortcut is configured Product-Group=junos | On Junos platforms, when the MPLS (Multiprotocol Label Switching) packet reaches the destination router, it will have a 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. |

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| | | *Resolved In:* evo:21.3R3-S5-EVO evo:21.4R3-S5-EVO evo:22.1R3-S4-EVO evo:22.4R2-S2-EVO evo:22.4R3-EVO evo:23.3R2-EVO evo:23.4R1-EVO junos:21.4R3-S1-J5 junos:21.4R3-S5 junos:22.4R2-S2 junos:22.4R3 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: SRX branch platforms** |
| 1594014 | During reboot, "warning: requires 'idp-sig' license" can be seen on the screen even when the device has valid license Product-Group=junos | If a device is rebooted manually or reboots for any other reason, The following messages can be seen on the boot up screen even when the device has valid license and proper configuration to use the features like IDP/UTM<br><br>*Resolved In:* evo:21.4R3-S1-EVO evo:22.1R3-EVO evo:22.2R2-EVO evo:22.2R3-EVO junos:20.3R3-S6 junos:20.4R3-S6 junos:21.1R3-S4 junos:21.2R3-S4 junos:21.2X32-D10 junos:21.2X32-D20 junos:21.3R3-S3 junos:21.4R3-S1 junos:22.1R2-S2 junos:22.1R3 junos:22.2R2 junos:22.2R3 junos:22.3R1-S1 junos:22.3R2 junos:22.4R1 junos:23.1R1 |
| 1661816 | fxp0 works under disable state in SRX300 Product-Group=junos | SRX300, SRX320 and SRX550m run in HA mode, fxp0 might be unexpectedly UP even though "disable" is configured.<br><br>*Resolved In:* junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| 1714620 | High latency will be observed while pinging to peer device Product-Group=junos | On Branch SRX Platforms after 20.1 release, High latency will be observed when VLAN(Virtual Local Area Network)tagged DHCP(Dynamic Host Configuration Protocol) packets arrive at IRB (Integrated Routing and Bridging) Interface.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: SRX5XX platform** |
| 1634965 | [SRX] SRX550HM interfaces LED of ge-0/0/6-9 will auto turn off after device bootup some minutes Product-Group=junos | SRX550HM interfaces LED of ge-0/0/6-9 will auto turn off after device bootup some minutes.<br><br>*Resolved In:* junos:20.4R3-S7 junos:21.2R3-S5 junos:21.4R3-S5 junos:22.4R3 junos:23.2R2 junos:23.3R1 |
| **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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: ZT/YT pfe firewall software** |

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| 1718893 | There are some BGP peers that remain down due to a firewall filter attached to the interface lo0<br>Product-Group=junos | On specific line cards and devices, fast-lookup-filter is not working on the router's loopback interface. Some BGP peers remain down with a firewall filter attached to the lo0 interface.<br><br>*Resolved In:* junos:20.3X75-D46 |
| 1738548 | DHCP offer from a server is dropped at an MX relay when an lt interface is used as the transport<br>Product-Group=junos | On MX and EX92_XX platforms, the DHCP offer will be dropped when LT interface is used to reach the DHCP server.<br><br>*Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.4R3-S5-J4 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: ZT/YT pfe l3 forwarding issues** |
| 1708283 | Cosmetic logs may appear on MX platforms during ISSU<br>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.<br><br>*Resolved In:* evo:23.2R1-EVO junos:23.2R1 |
| 1719763 | L2 circuit connection not working with flow-label knob<br>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.<br><br>*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:21.4R3-S3-J1 junos:21.4R3-S4 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: Trio pfe stateless firewall software** |
| 1682164 | Traffic drop is seen after configuring fast-lookup-filter<br>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.<br><br>*Resolved In:* evo:22.4R1-EVO junos:20.3X75-D34-J1 junos:20.3X75-D35 junos:20.3X75-D46 junos:20.3X75-D52 junos:21.4R3-S2-J21 junos:21.4R3-S5 junos:22.3R3-S1 junos:22.4R1 |
| **PR Number** | **Synopsis** | **Category: Trio pfe bridging, learning, stp, oam, irb software** |
| 1736667 | Intermittent flooding of traffic every 40 sec | On MX/EX92K Junos platforms with line cards running MPC |

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| | 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.<br><br>*Resolved In:* evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5 junos:22.4R3 junos:23.1R1-J1 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1 |
| **PR Number** | **Synopsis** | **Category: Trio pfe l3 forwarding issues** |
| 1714656 | Incorrect Destination MAC and Source MAC addresses while processing transit packets over LT IFL<br>Product-Group=junos | On MX platforms with MPC10, MPC11, LC9600, and MX304-LMIC16, while processing transit packets over LT IFL (logical interface) incorrect Destination MAC and Source MAC addresses are observed when the Ethernet encapsulation type is configured on the LT interface.<br><br>*Resolved In:* evo:22.3R3-EVO 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:21.4R2-J5 junos:21.4R3-S4 junos:22.2R3-S1 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1 |
| **PR Number** | **Synopsis** | **Category: MX10004 Chassis Category** |
| 1695786 | MX10004 Observing chassisd core @ fpc_remove_chasd_db (fpc=0x7221000) after pfe disable and fpc recovery phase<br>Product-Group=junos | Observing chassisd core @ fpc_remove_chasd_db (fpc=0x7221000) at after pfe disable and fpc recovery phase. Introduced by PR-1685433.<br><br>*Resolved In:* |
| **PR Number** | **Synopsis** | **Category: VMHOST platforms software** |
| 1726621 | Root user is unable to login using public key authentication after reboot or upgrade<br>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.<br><br>*Resolved In:* junos:21.4R3-S5 junos:22.1R3-S4 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1 |