21.4R3-S5: Software Release Notification for JUNOS Software Version 21.4R3-S5 for QFX5000, EX4650, and EX4400

Alert Description

Junos Software Service Release version 21.4R3-S5 is now available for download from the Junos software download site

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Solution

Junos Software service Release version 21.4R3-S5 is now available.

21.4R3-S5 - List of Fixed issues

PR Number	Synopsis	Category: EX4300 PFE
1675977	The fxpc process crash might be observed on EX4300 and EX4300-VC platforms Product-Group=junos	On EX4300 platforms, if there are mac-move events, the fxpc (Packet Forwarding Engine manager) crash might be observed due to race conditions.
1729636	Traffic loss is seen after configuration changes related to VSTP are committed Product-Group=junos	On EX4300 platforms, when RSTP (Rapid Spanning Tree Protocol) and VSTP(VLAN Spanning Tree Protocol) are configured on two different interfaces which are part of the same VLAN (Virtual LAN), the RSTP-enabled interface will drop traffic after doing a configuration change in VSTP for the specified VLAN.
1730903	The firewall filter with default action as discard will drop the DHCP renew packet from the DHCP client Product-Group=junos	On EX4300 platforms, when the firewall filter applied on the loopback interface is configured with default action as a discard on the DHCP-Relay and a client is connected to a VLAN with DHCP-security and DHCP-Relay enabled, then the DHCP lease renewal unicast packet sent by the DHCP client will be dropped by the loopback filter on the DHCP-Relay. This will eventually lead to service impact as the DHCP client loses the IP address.
1749406	MAC address is learned via LACP defaulted/detached port causing traffic to flow on the port Product-Group=junos	On all EX4300 platforms, traffic is sent on an AE interface and sent to the removed child interface from AE (Aggregated Ethernet) where the traffic is lost.
PR Number	**Synopsis**	**Category: EX4300 Platform**
1640045	CPU utilization increases and stays high due to pfex_junos process Product-Group=junos	CPU usage stays high due to pfex_junos process.
1665250	Upon rebooting the 10G DAC VCP between QFX5100 and EX4300, the 10G DAC VCP will not come up Product-Group=junos	In mixed mode VC (virtual Chassis) when the 10G DAC is used as a VCP (Virtual Chassis Port) between Junos QFX5100 and EX4300 VC, the 10G DAC VCP will not come up after rebooting EX4300.
1749289	On EX4300, "Error requesting CMTFPC SET INTEGER" and "Error requesting	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

	SET BOOLEAN" logs may be seen after device boot up. There is no functional impact for the error messages Product-Group=junos	
PR Number	**Synopsis**	**Category: EX4300 HA (GRES, NSR, NSB)**
1665562	NSSU aborted with Backup RE in an inconsistent state Product-Group=junosvae	On EX4300-48MP platform during NSSU (Nonstop Software Upgrade) operation, configured in VC (Virtual Chassis) mode with NSR (Nonstop-Routing) and GRES (Graceful-Switchover) configured, the Backup RE (Routing Engine) will be in an inconsistent state generating error messages and NSSU operation gets aborted.
PR Number	**Synopsis**	**Category: EX4300 Layer 2 implementation**
1739730	In EVPN-VXLAN scenario DHCP does not work for clients connected on the dot1x port Product-Group=junos	On EX4300-48MP, in case of dot1x EVPN-VXLAN dynamic VLAN due to a HW setting which is used to assign VLAN to the authenticated dynamic VLAN, causes the DHCP offer to get tagged.
PR Number	**Synopsis**	**Category: EX2300/3400 PFE**
1710360	Certain EX platforms with option-18 configured may hinder the DHCPv6 process Product-Group=junos	DHCPv6 clients drops DHCP Advertise packets as option-18 enabled specific Junos based EX platforms (EX4400, EX2300, EX3400, EX4300-MP, EX4100) which are sitting between the relay and the client, are sending malformed packets.
1721433	On EX2300MP, error messages are observed during reboot/image upgrade Product-Group=junos	Logs dc-pfe[16077]: PFE_BRCM_COS_HALP_ERR: BRCM_COS_HALP(brcm_block_cpu_traffic:2383):Port MMU Traffic setting skipped (Feature unavailable) Feature port MMU traffic setting is not supported on EX2300 platform due to which logs were displayed. These logs are not functionality impacting.
1742303	DHCP packets traversing the switch even though the source mac is not present in accept-source-mac list Product-Group=junos	In EX2300 & EX3400 devices, even though accept-source-mac knob is configured, DHCP Packets with the MAC address not present in the accept-source-mac list are accepted and traverse in the network.
PR Number	**Synopsis**	**Category: EX2300/3400 platform**
1744141	On EX2300/EX3400, unexpected error message during OAM boot Product-Group=junos	It is not able to get active package date in OAM boot. Instead of getting active package date get the snapshot package date while in OAM/snapshot boot. Added set_pkgset & /packages/sets/$pkgset instead of /packages/sets/active. It will get package date correctly in normal boot, USB snapshot boot, and recovery snapshot boot.
PR Number	**Synopsis**	**Category: SPC3 HW and SW Issues**
1749584	SRX device will take time to come up in HA or device will go down in standalone setup Product-Group=junos	For SRX Platforms with SPC3 cards in cluster configuration, One of the node in cluster will go down as FPC(Flexible PIC Concentrators) takes extra time to reset. In standalone setup, device will go down.
PR Number	**Synopsis**	**Category: SRX DNS DGA and tunneling related**
1727122	Nstraced process is running high on the primary node after the Junos upgrade 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.
PR	**Synopsis**	**Category: JUNOS kernel/ukernel changes for ACX**

Number		
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: MPC Fusion SW**
1744883	100G interfaces will flap due to RE switchover on Junos MX platforms with MPC3E-3D-NG/MPC-3E-3D-NG-Q linecards Product-Group=junos	On Junos MX platforms with MPC3E-3D-NG/MPC-3E-3D-NG-Q linecards, 100G interfaces will flap due to RE (Routing Engine) switchover.
PR Number	**Synopsis**	**Category: MX Layer 2 Forwarding Module**
1743032	FPC cards restart unexpectedly Product-Group=junos	On Junos based MX platforms with MPC7E, FPC(Flexible PIC Concentrator) crashes and core would be observed causing traffic loss. This is a rare issue.
PR Number	**Synopsis**	**Category: A15 specific issue**
1738188	Failover can be seen on SRX5K cluster with SPC2 cards while executing RSI Product-Group=junos	On all SRX5000 series platforms with SPC2 cards configured in a chassis cluster, when RSI is being collected which has the command 'i2csc fpc' in the script, an interrupt storm generates a CB (Control Board) alarm which triggers a failover. Intermittent traffic disruption could be seen till the failover is complete.
PR Number	**Synopsis**	**Category: dynamic vlan creation and associated processing**
1743903	If more than 32 vlan ranges are configured under the dynamic-profile then login issue and traffic impact can be seen with subscribers of random VLANs Product-Group=junos	On all Junos platforms that support subscriber services, when more than 32 VLAN ranges are configured, random VLAN (Virtual Local Area Network) traffic is impacted and subscribers are unable to login.
PR Number	**Synopsis**	**Category: BBE Advanced Services related issues**
1735560	The bbe-smgd crash can be seen in a certain scenario 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.
PR Number	**Synopsis**	**Category: BBE network stack related issues**
1729913	DHCP subscribers are stuck in DHCP-Renew state when 'overrides always-write-giaddr' is enabled Product-Group=junos	On all Junos platforms supporting DHCP (Dynamic Host Configuration Protocol), when 'overrides always-write-giaddr' option is enabled on the DHCP relay, checksum is not computed properly causing the DHCP renew to fail and subscribers getting stuck in 'Requesting' state.
1751656	ARP learning issue for dynamic ARP entry for the DVLAN stacked frame route not resolved Product-Group=junos	On MX platforms with Subscriber Management and knob "ipoe-dynamic-arp-enable" configured, the L2 (MAC address) in the frame route will be incorrect due to which traffic flow for VLAN subscribers will get impacted as dynamic ARP entry for the DVLAN (Dynamic VLAN) stacked frame route won't get resolved resulting in ARP learning issue.
PR Number	**Synopsis**	**Category: BBE packet trigger access model issues**
1726136	PTSP subscribers are stuck in 'configured' state	On MX platforms supporting packet-triggered subscribers and policy control (PTSP) feature, a high percentage of packet triggered subscribers are getting stuck in 'Configured' state due

	Product-Group=junos	to an authentication failure.
PR Number	**Synopsis**	**Category: BBE Statistics daemon & libraries**
1720978	The bbe-statsd process crash is observed on the backup RE immediate after GRES was disabled Product-Group=junos	On all MX platforms, a core file on the back-up RE is seen while disabling GRES. This core file will not impact any service/functionality. This issue will recover by restarting the process on its own.
PR Number	**Synopsis**	**Category: Bi Directional Forwarding Detection (BFD)**
1624085	Aggregated Ethernet interface might send/receive traffic through child link though BFD status is "client in hold-down state" Product-Group=junos	On all Junos OS and Junos OS Evolved devices, traffic might continue to forward on the aggregated Ethernet member link even if MicroBFD status is in a hold-down state. There is no traffic loss due to this issue.
PR Number	**Synopsis**	**Category: Border Gateway Protocol**
1626717	Junos OS and Junos OS Evolved: An rpd crash may occur when BGP is processing newly learned routes (CVE-2023-44197) Product-Group=junos	An Out-of-Bounds Write 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/JSA73163 for more information.
1670715	The rpd process crash is observed when running BGP-LS EPE configuration with RIB sharding enabled Product-Group=junos	The rpd process crash is observed when running BGP-LS (Border Gateway Protocol - Link-State) EPE (Egress Peer Traffic Engineering) configuration with RIB sharding enabled since the label allocation is only allowed in the main thread. But the shards thread was trying to allocate the label during EPE configuration parsing.
1673160	The routes with an independent resolution can trigger an rpd crash when the last BGP peer is down Product-Group=junos	On all Junos and Junos Evolved platforms, Independent resolution routes imported from another table (i.e. VRFs with color routes that need resolution) can trigger an rpd crash when the last BGP peer is down.
1679950	BGP auto-discovery sessions does not work any more after an interface flap Product-Group=junos	On all Junos and Junos Evolved platforms, BGP (Border Gateway Protocol) having peer-auto-discovery configured, these sessions will not get established again in case the interface for the BGP session goes down and comes back up. There will be a service impact when the BGP peer remains down and to recover from the issue the BGP peer-auto-discovery has to be disabled and BGP peering to be reconfigured.
1689904	BGP LU Advertisements fail with the message "BGP label allocation failure: Need a gateway" Product-Group=junos	On all Junos and Junos Evolved platforms BGP-LU (Border Gateway Protocol Labeled-Unicast) Advertisements fail with the message "BGP label allocation failure: Need a gateway" based on timing conditions involving route resolution and installation.
1696870	BGP scheduler slips during sub-optimal prefix-walk while deleting selected prefixes from a large set. Product-Group=junos	On all Junos and Junos Evolved platforms, you might see the BGP scheduler slip while deleting a large set of prefixes.
1699233	The BGP Auto-discovered neighborship is not formed after a reboot Product-Group=junos	On MX-Series/PTX10000/PTX10008/QFX5120-32C/QFX5200/QFX5210/QFX10008 platforms, the BGP(Border Gateway Protocol) Auto-discovered neighborship when it is formed using IPv6 Neighbor Discovery Protocol (ND), fails to come up after the device reboot.
1705938	The BGP sessions will flap after the RE switchover Product-Group=junos	On all Junos and Junos OS Evolved platforms with dual RE (Routing Engine) or VC (Virtual Chassis) with NSR enabled scenarios, in some rare BGP scaled scenarios upon RE switchover the new Master RE will send out a route refresh message to all the peers, which is not expected. This will eventually lead to the BGP session flap.

1709837	Junos OS and Junos OS Evolved: A crafted BGP UPDATE message allows a remote attacker to de-peer (reset) BGP sessions (CVE-2023-4481) Product-Group=junos	An Improper Input Validation vulnerability in the Routing Protocol Daemon (rpd) of Juniper Networks Junos OS and Junos OS Evolved allows an unauthenticated, network-based attacker to cause a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA72510 for more information.
1712406	IPv4 routes learnt over a link-local BGP session not advertised ahead to other BGP peers Product-Group=junos	When rib (Routing Information Base) contains IPv4 routes with IPv6 next-hops, these routes do not get re-advertised by IPv4 EBGP sessions unless export policy is configured to change it to IPv4 next-hop.
1728455	The rpd process crashes when BGP is cleaned up Product-Group=junos	On Junos and Junos OS Evolved platforms, if static default RT-C (Route Target -Constrain) is configured when Border Gateway Protocol (BGP) is cleaned up (whole BGP is cleaned up), the routing process will crash.
1731803	Junos OS and Junos OS Evolved: The rpd will crash upon receiving a malformed BGP UPDATE message (CVE-2023-44204) Product-Group=junos	An Improper Check or Handling of Exceptional Conditions vulnerability in Routing Protocol Daemon (rpd) 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/JSA73170 for more information.
1732493	The rpd process crash will be observed with BMP and independent resolution is enabled for secondary BGP routes Product-Group=junos	On all Junos and Junos OS Evolved platforms, when BMP (BGP Monitoring Protocol) post-policy and independent resolution is enabled for secondary (route leaked through rib-group) BGP routes, then with the inactive secondary route change the rpd process crash will be observed.
1735189	Enabling bgp traceoptions flags will log frequently to the trace file Product-Group=junos	Enabling bgp traceoptions flags will log frequently to the trace file and pollute the logs and possibly impact the performance of rpd.
1736029	Junos OS and Junos OS Evolved: RPD crash when attempting to send a very long AS PATH to a non-4-byte-AS capable BGP neighbor (CVE-2023-44186) Product-Group=junos	An Improper Handling of Exceptional Conditions vulnerability in AS PATH processing of Juniper Networks Junos OS and Junos OS Evolved allows an attacker to send a BGP update message with an AS PATH containing a large number of 4-byte ASes, leading to a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA73150 for more information.
1738074	BFD session for BGP remains down in a specific scenario Product-Group=junos	On all Junos and Junos Evolved platforms supporting BFD (Bi-directional Forwarding and Detection) for BGP (Border Gateway Protocol) multi-hop BFD sessions can remain in a down state. This issue is seen when the multi-hop BFD session endpoints are in the same subnet but the interface addresses on which the BFD is configured are not directly connected.
1739335	The rpd process crash will be observed when the prefix-limit exceeds on the backup RE Product-Group=junos	On all Junos and Junos OS Evolved platforms configured with BGP (Border Gateway Protocol), NSR (Nonstop Active Routing), and prefix-limit with idle-timeout, when the prefix-limit exceeds on the backup RE (Routing Engine) and switchover is performed the rpd process crash will be observed on the new backup RE.
1739919	Junos OS and Junos OS Evolved: A BGP session will flap upon receipt of a specific, optional transitive attribute (CVE-2023-0026) Product-Group=junos	An Improper Input Validation vulnerability in the Routing Protocol Daemon (rpd) of Juniper Networks Junos OS and Junos OS Evolved allows an unauthenticated, network-based attacker to cause a Denial of Service (DoS). Please refer to https://supportportal.juniper.net/JSA71542 for more details.
1742222	Partial application of BGP import policy with BMP configuration and after back-to-back commits changes BGP import policy Product-Group=junos	When BMP is configured and sessions are established, if a back-to-back commit is made that alters a BGP peers import policy, then the import evaluation job is not re-run after the 2nd commit. This can lead to partial application of the desired policy, resulting in missing values that need to take effect with second policy (eg: missing communities).
1742416	RPD scheduler slip is observed when the BGP session flaps and subsequent configuration changes for the same peer Product-Group=junos	On all Junos and Junos Evolved platforms, high CPU (RPD scheduler slips) leads to session timeouts/flaps for other protocols running in the system.

1745073	CPU in rpd spikes and scheduler slips will be observed when the duplicate community is added Product-Group=junos	On all Junos and Junos Evolved platforms, when Border 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.**
1741732	The BGP routes gets stuck in BMP withdraw state Product-Group=junos	On all Junos and Junos Evolved platforms, in some scenario BMP advertises damped routes as withdraw route in post-policy even if those damped routes become usable and in active state.
PR Number	**Synopsis**	**Category: BBE Remote Access Server**
1729035	Potential memory leak in authd process Product-Group=junos	If RADIUS is enabled for subscriber authentication or accounting, the authd process may occasionally leak memory when running at a high scale.
PR Number	**Synopsis**	**Category: Express Broadway PFE L3**
1725716	The error logs "fpc0 expr_hostbound_packet_handler: Receive pe 254?" would be generated Product-Group=junos	On QFX10002-60C and PTX10k platforms, an error log can be generated repeatedly with the base configuration.
PR Number	**Synopsis**	**Category: MX Platform SW - FRU Management**
1739922	FPC crashes and remains offline after the upgrade of RE BIOS to 0.15.1 version Product-Group=junos	On MX204 and EX9251 platforms running Junos 21.4 or later, the Flexible PIC Concentrator (FPC) crashes and will remain offline after upgrading the RE (Routing Engine) BIOS to 0.15.1 version without power cycling the chassis. This will result in total traffic loss.
PR Number	**Synopsis**	**Category: Chotu platform software**
1720407	Reachability loss between Master and backup RE in certain condition on MX2008 platform Product-Group=junos	On the Junos MX2008 platform, the synchronization will be lost between the master RE (Routing Engine) and the backup RE when the AE (Aggregated Ethernet) configuration is being applied. This issue is seen after the node reboot or backup RE is rebooted and is because the control interface ixlv0 of the RE is not established during the AE configuration. This issue is self-recoverable.
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 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)	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

	Product-Group=junos	https://kb.juniper.net/JSA72300
PR Number	**Synopsis**	**Category: CFM**
1682939	Maintenance-domain (MD) and Maintenance-association (MA) configuration display changed to ordered-by-system type Product-Group=junos	With this the maintenance-domain (MD) configuration and maintenance-association (MA configuration) under the connectivity-fault-management stanza will be ordered by the system and not as per the configuration order.
1733134	The ppmd proces crashes will be seen in EX-VC scenario Product-Group=junos	On all Junos EX platforms in a Virtual Chassis (VC) setup, configuring Connectivity Fault Management (CFM) on Aggregated Ethernet (AE) Interfaces will result in the periodic packet management process (ppmd) crashes.
PR Number	**Synopsis**	**Category: QFX Access Control related**
1741867	DOT1XD_USR_ATHNTICTD_GST_VLAN is not triggered Product-Group=junos	On all Junos and Junos Evolved platforms (dot1x supported), there will not be any syslog messages when clients move to Guest VLAN authentication incase single-secure & multiple supplicant mode.
PR Number	**Synopsis**	**Category: QFX Control Plane VXLAN**
1749759	Traffic discarded on QFX5K platforms in multi-homed EVPN-VXLAN scenario Product-Group=junos	It is observed that on Junos QFX5K platforms when multi-homed EVPN-VXLAN is configured, traffic gets discarded as ARP and NDP next-hop fails to be programmed in PFE because underlying next-hop is missing which is the shared vxlan load-balancing next-hop.
1758783	Traffic is black-holed on QFX5K platforms in EVPN-VXLAN scenario Product-Group=junos	On Junos and Junos Evolved QFX5K platforms, under certain circumstances, the l2ald does not update Virtual Tunnel Endpoint (VTEP) ifl tokens in the kernel which passes them on to Packet forwarding engine (PFE). These tokens are used to create Virtual Port Link Aggregation (VPLAG) next hops in these platforms. Without them, Media Access Control (MAC) routes are incomplete or not created, leading to traffic drop.
PR Number	**Synopsis**	**Category: OpenSSH and related subsystems**
1664512	SSH access is possible without ssh setting Product-Group=junos	From 21.4R1, SSH login is possible even though there is no config allowing SSH access under system services hierarchy. To disable SSH access, the following command will be implemented in resolved releases. # set system services ssh access-disable-external
PR Number	**Synopsis**	**Category: Platform PR for 1G/10G LC**
1739595	The FPC will core and crash in a race condition Product-Group=junos	On all Junos and Junos Evolved platforms, in a rare scenario, the FPC will go down due to core.
PR Number	**Synopsis**	**Category: Device Configuration Daemon**
1692404	Incompatible/unsupported configuration is not getting validated correctly during ISSU/normal upgrade causing the traffic loss Product-Group=junos	On all Junos platforms, while performing the Junos upgrade from the release before 20.4 to a higher version having an incorrect configuration may fail. This issue may lead to traffic loss or network outages.
1726073	Traffic loss due to PFE table not getting updated when new VLANs are added in an interface under ESI configuration Product-Group=junos	On all Junos and Junos OS Evolved platforms, the IFF (Interface family) change message is not propagated to the PFE (Packet Forwarding Engine) under the ESI (Ethernet Segment Identifier) configuration scenario.

1757936	Services using the management interface will be affected on all Junos platforms Product-Group=junos	On all Junos platforms, the default management IFL (unit 0) and IFF (ethernet-switching/vpls) will not be created when management IFL (Logical Interface) is configured to get address from DHCP and when user provided management IFL configuration is deleted.
PR Number	**Synopsis**	**Category: Firewall Filter**
1749092	High CPU utilization of the mib2d process will be observed with error messages due to stale SNMP requests Product-Group=junos	On all Junos platforms, high CPU utilization, up to 100%, of the mib2d process will be observed with error messages and this may also result in a crash/core when memory gets exhausted due to a gradual increase in stale SNMP (Simple Network Management Protocol) requests.
1751494	Traffic loss observed when using ingress-queuing-filter on non zero PFE interface Product-Group=junos	On MX series routers which support MPCs (Modular Port Concentrators), the ingress-queue-filter was not programmed correctly causing the traffic loss. The issue is seen only on non zero PFE (Packet Forwarding Engine) interface.
PR Number	**Synopsis**	**Category: ACX platform interface issues**
1747140	QSFP interfaces show additional flap during PFE bringup Product-Group=junos	On Junos ACX5448 platform, the QSFP (Quad Small Form-factor Pluggable) interfaces can possibly see a momentary flap during device or pfe bring up.
PR Number	**Synopsis**	**Category: VPWS, L2 CKT, EVPN-VPWS**
1731081	Traffic drops on certain ACX platforms after it is upgraded 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: EVO L2 Control Plane PRs**
1713640	On PTX10001-36MR the VXLAN tunnel termination functionality impacted with global configuration not enabled Product-Group=junos	On Junos Evolved PTX10001-36MR platform, the VXLAN (Virtual Extensible LAN) tunnel termination functionality will be impacted when configuration is not enabled for tunnel termination. As the tunnel will not get terminated this will impact the packet forwarding process.
PR Number	**Synopsis**	**Category: EVPN control plane issues**
1716663	RPD process crash may be observed when routing or evo-pfemand process is restarted and multicast snooping process adds a route to inetmcsn.1 table Product-Group=junos	On Junos OS Evolved platforms, a routing process crash may be observed when "restart routing" or "restart evo-pfemand" is applied and multicast snooping process adds a route to inetmcsn.1 table at the same time. When the issue is hit, the core file of rpd will be generated. This is a timing issue and it may be observed when both the events happen at the same time.
1746787	The user will be unable to configure the interface having stacked outer VLAN and a list of inner VLANs Product-Group=junos	On Junos and Junos OS Evolved platforms, the configuration of stacked VLAN on an interface will not allow the user to configure the interface having stacked outer VLAN and a list of inner VLANs. A certain bridge interface configuration will not pass the commit check with JUNOS releases and throw an error message like "EVPN: Interface xe-0/1/0.0 must be added in a bridge-domain/vlan".
1761852	The rpd can crash on all Junos platforms in Seamless DCI scenario Product-Group=junos	On all Junos platforms, a crash can be seen for the rpd (routing process daemon) in EVPN (Ethernet Virtual Private Network) seamless DCI (Data Center Interconnect) scenario when the 'evpn interconnect' and the BD (Bridge Domain) configuration are deleted in the same commit. There will be traffic loss when the rpd crashes but the system will self-recover.
PR Number	**Synopsis**	**Category: EVPN Layer-2 Forwarding**

1758677	MAC addresses programming failure resulting in traffic flooding Product-Group=junos	Issue 1: On QFX5K and EX platforms in the VXLAN (Virtual Extensible LAN) environment, traffic flooding will be observed for MAC addresses not getting programmed in the hardware with VPLAG (Virtual Chassis Port Link Aggregation) configured and BGP (Border Gateway Protocol) flaps. This issue happens when hardware programming by L2ALM to PFE fails, and during re-sync, SVLBNH (shared VXLAN load balancing next hop) info is not sent to PFE/hardware. Issue 2: On all Junos and Junos Evolved platforms, l2alm sends a delete request for control MAC addresses to l2ald after multiple hardware sync failures.
PR Number	**Synopsis**	**Category: Control plane EVPN multicast**
1738355	Multicast will not work if one or more VLANs are removed from the interface having multicast configured Product-Group=junos	On all Junos QFX5K and EX4K platforms with igmp-snopping configured, if one or more VLANs are removed from the interface having Multicast configured results in Multicast will not work. The issue happens in the EVPN-VxLAN (Ethernet VPN - Virtual Extensible LAN) environment with Multicast configuration.
PR Number	**Synopsis**	**Category: EX Chassis Interface Handling**
1702988	Wrong Speed value shown on the CLI "show interfaces <> ext" output Product-Group=junos	This issue has no service impact. and, this is regression issue from a previous/old issue. and, this is a cosmetic issue of ifinfo for internal/management/logical interfaces.
PR Number	**Synopsis**	**Category: EX4100 PFE**
1699216	Traffic impact is observed when OSPF adjacency gets stuck in exstart or exchange state Product-Group=junos	On Junos EX4100 platform the OSPF (Open Shortest Path First) adjacency establishment will take longer time with more than 90 VRRPv6 (Virtual Router Redundancy Protocol for IPv6) sessions causing traffic disruption.
1728538	EAP dot1x authentication stuck in connecting state Product-Group=junos	EAP (Extensible Authentication Protocol) 802.1x authentication failure is observed on Junos QFX5K and EX4100/EX4300/EX4400 platforms in EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) environment. Authentication gets stuck in the "Connecting" state.
1738404	VC case not handled properly while calling brcm_vxlan_port_discard_set API Product-Group=junos	On Junos Virtual chassis environment , 'BRCM-VIRTUAL,brcm_vxlan_port_discard_set(),13034:Failed to set bcm_port_discard_set to 0 for port (61) err(Invalid unit)' error will seen and it is an indicator of incorrect programming being tried due to it AE (Aggregated Ethernet) interface will see errored behaviour.
1744190	Virtual Chassis formation will not happen automatically on all EX platforms except EX4400 after zeroize Product-Group=junos	Virtual Chassis members are not forming Virtual Chassis on all EX platforms except EX4400 due to cross connection of VC links in specific ring topology setup after zeroize. Each device will function as standalone.
PR Number	**Synopsis**	**Category: EX4400 PFE software**
1733365	Error logs are seen with a non-vxlan dot1x enabled port Product-Group=junos	In a heaviliy loaded system in a specific scenario (Dot1x in multiple supplicant mode & dynamic vlan from radius server & non vxlan access port) following log message may be captured in the syslog - {brcm_as_dot1x_vxlan_set_mac_learning_mode:1168 dot1x bd_get failed for bd index 0}. This log is not impacting any funtionality.
1747095	LLDP will not work on HGoE VC mode with 40G VCP connections 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 Product-Group=junos	On Junos ACX/SRX/QFX/EX (BROADCOM based) platforms, ARP (Address Resolution Protocol) resolution is unsuccessful and packet drop will be seen, when interface mode - access is configured in EVPN-VXLAN (Ethernet VPN-Virtual Extensible LAN) ERB (Edge Routed Bridging) scenario.

1749312	Connectivity fails intermittently on 802.1x enabled ports Product-Group=junos	On EX4100 and EX4400 platforms performing as Virtual Chassis, host authentication will get stuck in connecting state if 802.1x dynamic VLAN single supplicant mode is enabled on access switch port and complete traffic towards that port will be dropped.
1757329	The dcpfe process crash will be seen when L2PT interfaces are configured with multiple protocols Product-Group=junos	On QFX5K Junos/EX4650/EX4600/EX4400/EX4100/EX4300MP platforms that support Layer 2 protocol tunneling (L2PT), sending the bi-directional traffic on those interfaces and deleting/re-adding the L2PT multiple times causes the dcpfe crash which triggers Packet Forwarding Engine (PFE) restart.
1757431	Whenever IGMP leave request is initiated by receiver unicast traffic to the host IP on the switch port is non-responsive Product-Group=junos	On Junos EX series and QFX5K platforms, having VC (virtual-chassis) when IGMP (Internet Group Management Protocol) snooping is enabled and when there is an mrouter (multicast router) interface present in a non master VC (virtual-chassis) member, IGMP leave packets are sent back to the source interface which impacts the unicast traffic of the end host.
PR Number	**Synopsis**	**Category: EX4400 platform**
1735786	Port LEDs are not working as expected when the mode is changed from default to EN Product-Group=junos	On EX4400, Show chassis LED output for EN mode does not display the physical LED status correctly- Physical LED functionality works as expected.
1740579	On EX4400, EX4100, EX4300-48mp, 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. Product-Group=junos	On EX4400, EX4100, EX4300-48mp, Interface config generator script phcd_vc_intf_config_gen.sh was not handling xe port cases appropriately.
1753576	Runt frames generate excessive traffic statistics on EX4100/EX4400 platforms Product-Group=junos	On EX4100/EX4400 platforms with Multi-rate gigabit ethernet (MGE) ports , incorrect register is read for the runt counter and the calculation logic generates a big value. As these bytes are part of input octets, it displays incorrect value.
PR Number	**Synopsis**	**Category: Express PFE including evpn, vxlan**
1750468	L3VPN traffic destined for hosts learned over IRB/VXLAN will get dropped on QFX10K platforms Product-Group=junos	On QFX10K platforms in the DCI (Data Center Interconnect) scenario with EVPN-VXLAN traffic flow traversing over L3VPN, some packet drops will be observed when packets received over L3VPN with VPN label and destined to host learned over IRB/VXLAN tunnel.
PR Number	**Synopsis**	**Category: Express PFE L2 fwding Features**
1738197	Blackholing of l3-inject traffic on QFX10K platforms Product-Group=junos	On Junos QFX10K platforms, because of any hardware (HW) or chassis management (CM) issue there will be Trinity Offload Engine (TOE) cmerrors. Some cmerrors are classified as MAJOR and the default action for these errors is cmalarm but it will halt the Packet Forwarding Engine (PFE) TOE HW. Due to which PFE is not able to forwards packets to the Application-Specific Integrated Circuit (ASIC) even though it is active and can forward packets.
1746435	QFX10002-60c port et-0/0/30 part of a lag is dropping peer ARP reply after configuring a GRE tunnel Product-Group=junos	GRE IFL configuration was changing the physical port's igport attributes in IGP.
1748500	Traffic drop will be observed when Label MPLS traffic egressing out on the IRB interface as IPV4 Product-Group=junos	On QFX10K platforms, Label MPLS (Multiprotocol Label Switching) (labeled-unicast) traffic egressing out on IRB (Integrated routing and bridging) interface as IPV4 traffic can get dropped.
PR	**Synopsis**	**Category: SRX1500 platform software**

Number		
1690678	PEM or FAN Alarms will be seen on TVP platforms Product-Group=junosvae	PEM or FAN Alarms will be seen on TVP platforms
PR Number	**Synopsis**	**Category: Signature Database**
1741887	Multiple network issues are seen after the upgrade with lower IDP packet-log total-memory percentage Product-Group=junos	On Junos SRX platforms, before the upgrade, if the IDP 'packet-log total-memory percentage/packet-log max-sessions' is configured lower than the default value of 10% then while upgrading, the boot time commit will fail and the device will go to an amnesiac state causing multiple issues.
PR Number	**Synopsis**	**Category: ISIS routing protocol**
1690231	The rpd process crashes on a system running with IGP shortcuts Product-Group=junos	On all Junos and Junos Evolved platforms, if interior gateway protocol (IGP) shortcuts are used, the rpd process crashes if an IGP tunnel route is installed over a RSVP label-switched path (LSP) that has next-hop gateway flags.
1699076	The rpd process might crash when SPF is recalculated 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.
1713008	Stale entries present in the lsdist table after ISO address change Product-Group=junos	On all Junos and Junos OS Evolved platforms configured with IS-IS and MPLS traffic engineering database (TED), if there is an ISO address change on another Intermediate System (IS), there will be stale entries being present in the link-state distribution (lsdist) table even though they might have been deleted in IS-IS and TED. This has an impact on the routes, and thus the services, related to the stale entries present in the lsdist.
1719033	The rpd process crashes when TI-LFA is enabled Product-Group=junos	On all Junos and Junos Evolved platforms, the rpd is seen to crash when TI-LFA (Topology-Independent Loop-Free Alternate) is enabled and there are ECMP (Equal-Cost Multipath) routes present.
1746349	Traffic loss observed in SR-LDP stitch scenario when ECMP is enabled on PTX platforms Product-Group=junos	On PTX platforms, ISIS SR-LDP stitching using mapping server could result in traffic drops on some legs of an ECMP if there are more than 8 ECMP paths and not all paths are via the same neighbor node.
1752551	Traffic drop is seen if chained-composite-next-hop is turned on for Segment Routing Product-Group=junos	On all Junos and Junos Evolved platforms, Traffic drop is seen if chained-composite-next-hop is turned on for Segement Routing ISIS because backup path is programmed as a POP in Composite-next-hop (CNH) and Push in Forwarding-next-hop (FNH).
PR Number	**Synopsis**	**Category: jdhcpd daemon**
1713619	A jdhcpd process crash is observed on all Junos platforms 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) 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.
1731784	DHCPv6 security functionality gets effected as DHCPv6 security bindings are not present Product-Group=junos	On all Junos and Junos Evolved platforms having DHCPv6 snooping configured, when DHCP-security is enabled on multiple vlans along with dhcp stateless relay enabled at that time, DHCPv6 security bindings are not happening.
1740822	DHCP ALQ no-advertise-routes-on-backup functionality does not work in	DHCP ALQ no-advertise-routes-on-backup functionality does not work in VRF for Framed-Route.

	VRF for Framed-Route. Product-Group=junos	
PR Number	**Synopsis**	**Category: JFlow bug tracker for SRX platforms**
1749830	SPC3 PIC crash Product-Group=junos	SPC3 PIC will crash when the SPU is in dedicated Cp mode "SPU Cp" and Jflow information is queried by vty command. This fix will prevent jflow related queries from vty when the SPC3 SPU is in dedicated CP mode and jflow is initialized on SPU ins this mode.
PR Number	**Synopsis**	**Category: Issues related to Junos Kernel Debug Streaming Daemon (jkdsd**
1734718	Junos OS: jkdsd crash due to multiple telemetry requests (CVE-2023-44188) Product-Group=junos	A Time-of-check Time-of-use (TOCTOU) Race Condition vulnerability in telemetry processing of Juniper Networks Junos OS allows a network-based authenticated attacker to flood the system with multiple telemetry requests, causing the Junos Kernel Debugging Streaming Daemon (jkdsd) process to crash, leading to a Denial of Service (DoS). Continued receipt and processing of telemetry requests will repeatedly crash the jkdsd process and sustain the Denial of Service (DoS) condition. Please refer to https://supportportal.juniper.net/JSA73152 for more information.
PR Number	**Synopsis**	**Category: jl2tpd daemon**
1720994	L2TP tunnels may time out if creation of bbe-smgd core dump takes a long time. Product-Group=junos	In a subscriber-management environment, L2TP tunnels may time out if bbe-smgd crashes with core dump if creation of the core dump takes longer than the effective L2TP timeout.
PR Number	**Synopsis**	**Category: Adresses ALG issues found in JSF**
1728638	SIP ALG not working for SIP traffic with MIME header and traffic is dropped Product-Group=junos	On all MX and SRX platforms, SIP ALG (Session Initiation Protocol Application Layer Gateway) not working as SIP (Session Initiation Protocol) packets with MIME (Multipurpose Internet Mail Extensions) header causes traffic to be dropped.
PR Number	**Synopsis**	**Category: Flow Module**
1693767	On SRX platforms, tunnel fails to come up when tunnel destination routing instance is configured 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.
1704623	Core dump will be seen when user is changing interface configuration Product-Group=junos	On SRX platforms with ALG (Application Layer Gateways) configured, frequent interface configuration changes will generate one or more core dumps after the flowd process crashes.
PR Number	**Synopsis**	**Category: High Availability/NSRP/VRRP**
1731593	Unsupported configuration for interface st0.16000-16385 is possible when using replace pattern on SRX platforms Product-Group=junos	On Junos SRX platforms unsupported configuration for interface range st0.16000-16385 can be done in the cluster and MNHA (Multi-Node High Availability) when using the knob 'replace pattern'. These interface ranges should not be used for IPsec (Internet Protocol Security) tunnels as traffic for these interfaces will get dropped.
1736498	In SRX MNHA cluster setup the RSI takes long time to generate Product-Group=junos	In SRX MNHA cluster setup the RSI takes long time to generate on the MNHA backup node. The RSI includes the command "show security flow session session-state warm" which will collect all the sessions in warm state on the MNHA backup node - this output can be extensive and RSI is being generated an extended period of time, in known instances this was 1-2 hours.

PR Number	Synopsis	Category: Firewall Network Address Translation
1706541	ICMP based traceroute is not showing any hops after SRX when SRX is configured with NAT64 Product-Group=junos	For all SRX platforms, ICMP based traceroute does not show any hops after SRX when SRX is configured with NAT64.
1724777	The nsd process crash is seen when ISSU is performed on the cluster 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: Firewall Policy**
1725567	Traffic impact is observed when the security policy is configured with a huge number of addresses and on addition/deletion of these policies Product-Group=junos	On SRX platforms configured with security policies, having a huge number (approx. 15K) of addresses and performing addition/deletion of such policies in short intervals of time might result in srxpfe process crash and hence, data path traffic gets impacted.
PR Number	**Synopsis**	**Category: User Firewall related issues**
1683420	SRX Branch models are unable to connect to domain controller on installing Microsoft KB update 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.
1701990	The user-id entries will not be synced with secondary node Product-Group=junos	On Junos platforms, user-id process doesn't work properly (user-id ?process also sync users primary and second node). As a result, active directory user-ip-mapping entries were not synced to the secondary node and due to that user connection will drop. When the issue happens, storage space eventually go full and the user may notice the issue at that time.
PR Number	**Synopsis**	**Category: IPSEC/IKE VPN**
1723674	Junos OS: Multiple Vulnerabilities in CLI command (CVE-2023-44178) Product-Group=junos	A Stack-based Buffer Overflow vulnerability in the CLI command of Juniper Networks Junos OS allows a low privileged attacker to execute a specific CLI commands leading to Denial of Service. Please refer to https://supportportal.juniper.net/JSA73140 for more information.
1745174	IPSEC VPN does not come up in NAT-T scenario Product-Group=junos	On all SRX platforms with IPSEC (Internet Protocol Security) VPN (Virtual Private Network) configured with main mode, if SRX is the VPN initiator and NAT-T (Network Address Translation-Traversal) is configured (which is by default), the IPsec VPN tunnel does not come up. This is a timing issue and occurs when a tunnel delete or rekey occurs.
PR Number	**Synopsis**	**Category: Security platform jweb support**
1732269	The process httpd crash is seen on SRX platforms Product-Group=junos	On SRX platforms, the process httpd crash is seen.
1735389	Junos OS: SRX Series: A vulnerability in J-Web allows an unauthenticated attacker to upload arbitrary files (CVE-2023-36846) 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 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-	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

	36845) Product-Group=junos	allow chaining to other vulnerabilities. For more information see https://kb.juniper.net/JSA72300
1748078	Cannot add custom defined security address-book under Security Policies & Objects > Security Policies > Create > Source Zone > Select Sources. Product-Group=junos	In the J-Web UI for SRX Series Firewall, when you configure the source zone for addresses in the security policy rule, the customized address-book entries are not displayed. J-Web displays only any-ipv4 and any-ipv6.
PR Number	**Synopsis**	**Category: Layer 2 VPN related issues**
1654516	The Integrated Routing and Bridging (IRB) interface might flap when a static route is added or deleted in a custom routing instance Product-Group=junos	On all Junos platforms, when a static route is added or deleted in a user defined routing instance, the IRB interface associated with the routing-instance might flap which will impact any services or protocols running over it.
PR Number	**Synopsis**	**Category: Layer 2 Control Module**
1739975	Layer 2 traffic will be dropped on VSTP disabled interface Product-Group=junos	On Junos platforms, Whenever an interface is disabled under VSTP (VLAN Spanning Tre Protocol) configuration, the issue will be seen in the following cases. 1. When interface, IFBD (Interface Family Bridge Domain) and VSTP, configured via single commit. (In case of new configuration) 2. When VSTP configurations are present and chassisd restarts/device reboots, then issue will be seen. (During ifd delete and add, issue will be seen)
1745102	Support for BPDU Protection with packet-action drop on QFX10002-60C Product-Group=junos	BPDU (Bridge Protocol Data Units) Protection with packet-action drop is not supported on QFX10002-60C platforms. The option to disable the feature is also not supported.
1763053	LLDP neighborship will not be formed on all Junos devices Product-Group=junos	On Junos and Junos OS Evolved platforms, LLDP (Link Layer Discovery protocol) neighborship will not come up on local device if the local device is using Junos version lower than 22.3 and remote device is using Junos version 21.4R3-S2 and its subsequent service releases or version higher than 22.3.
PR Number	**Synopsis**	**Category: Layer2 forwarding on EX/NTF/PTX/QFX**
1680242	The l2ald is treating mac as a duplicate causing traffic loss Product-Group=junos	On all Junos and Junos Evolved platforms, with EVPN-VXLAN (Ethernet Virtual Private Network -Virtual Extensible Local Area Network) multihoming scenario, l2ald (Layer two Address Learning Daemon) considers the mac as duplicate, and traffic drop will be observed.
1689127	Traffic drop will be observed when local switching is configured with ethernet-ccc Product-Group=junos	On PTX1000/PTX3000/PTX5000/PTX10002/PTX10008/PTX10016/QFX10008/QFX10002/QFX10016 platforms, when l2circuit local-switching is configured with ethernet-ccc, VLAN tag is removed, leading to Mac table entries not resolving and traffic drop at the downstream if the packet is expected to be received with VLAN.
1698092	Traffic impact is seen due to the interface flap Product-Group=junos	On all Junos and Junos Evolved platforms, traffic impact is seen when IRB(Integrated Routing and Bridging) interface is flapped due to a configuration change on IRB interface within a routing instance.
1743282	The l2ald crashes when there is recursive deletion of IFBD or when BGP neighborship is cleared in EVPN-VXLAN multi-homed configuration Product-Group=junos	On all Junos and Junos OS Evolved platforms, in a rare scenario, due to timing issue, the l2ald (Layer 2 Address Learning Daemon) crashes and traffic is being blackholed due to recursive deletion of IFBD (Interface Family Bridge Domain) or when BGP (Border Gateway Protocol) neighborship is cleared when EVPN (Ethernet Virtual Private Network) - VXLAN (Virtual Extensible Local Area Network) with multi-homed is configured.
PR Number	**Synopsis**	**Category: Label Distribution Protocol**
1687834	After disable/enable MPLS, targeted	In MPLS (Multi Protocol Label Switching) environment, for an established LDP (Label

	LDP session is not getting established Product-Group=junos	Distribution Protocol) over an RSVP (Resource Reservation Protocol) targeted session, when 'set protocols mpls disable' is configured and then removed, the targeted LDP session does not get re-established.
PR Number	**Synopsis**	**Category: Issues related to Junos licensing infrastructure**
1708794	License expire error will be observed after upgrade Product-Group=junos	On all Junos platforms, a license expiration error will be observed after the upgrade.
1747720	Alarm LED is lit due to LICENSE_EXPIRED on Virtual Chassis Backup even with the valid license. Product-Group=junos	When you enable a licensed feature like BGP on Virtual Chassis (VC), Alarm LED is lit due to LICENSE_EXPIRED on VC backup even with the valid license.
PR Number	**Synopsis**	**Category: PTX1000 platform**
1707747	PTX1000 takes longer time to process routing updates with high scale of routes Product-Group=junos	On Junos PTX1000 platforms running Junos Release 20.1R1 and later, the CPU cores assigned to Junos were reduced from 3 to 2. This results in higher Junos CPU utilization during bring up of the router or during high scale of network churn.
PR Number	**Synopsis**	**Category: Port-based link layer security services and protocols that a**
1715308	MACsec may not work after reboot on EX4XXX and QF5XXX platforms with MACsec hard enforcement license enabled Product-Group=junos	MACsec may not work after reboot on EX4XXX and QF5XXX platforms with MACsec hard enforcement license enabled. As a result, traffic may not resume after reboot on MACsec enabled interfaces.
PR Number	**Synopsis**	**Category: SW PRs for MPC10E PlatformD**
1706623	Physical interface stays down when port speed configured on MPC10 cards and above Product-Group=junos	On MPC10E and above line cards, when port speed is changed, AFT Core and FPC restart are observed with PIC bounce.
PR Number	**Synopsis**	**Category: Multiprotocol Label Switching**
1649565	The error severity of the syslog message "ted_client reset" generated during the commit is incorrect Product-Group=junos	On all Junos and Junos evolved platforms, the severity of the syslog message "ted_client reset" that is generated by the rpd process during the commit is incorrect. It only generates an error message in the syslog.
1694957	The rpd process crash is seen when PCCD is deactivated Product-Group=junos	On all Junos and Junos Evolved platforms, deactivating PCCD (Path Computation Client Process) from MPLS (Multiprotocol Label Switching) Container LSP (Label Switched Path) might result in the rpd core. When the container LSPs are removed from the tag external controller, the cleanup of the members does not happen which results in the core.
1698889	The rpd process will crash when rpd is restarted Product-Group=junos	On all Junos and Junos OS Evolved platforms, when MPLS (Multiprotocol Label Switching) statistics is configured without LSP (Label-Switched Path) configuration, the rpd process will crash and impact the routing protocols. This leads to traffic disruption due to the loss of routing information.
1705964	Member LSPs of a container LSP will be torn down unexpectedly Product-Group=junos	On all Junos and Junos Evolved platforms, in a rare sequence of events, member LSPs will be unexpectedly torn down with no change in traffic rate. The issue happens when normalization is triggered in shorter intervals when Patherr failure/auto bandwidth adjustment fails on member LSPs and enough valid samples are not received before normalization could occur during failover. Traffic drop will be seen if the new set of LSPs

		after the deletion is not able to accommodate a larger required bandwidth.
1738774	Traffic blackhole due to an additional label when CCNH is toggled Product-Group=junos	On all Junos and Junos Evolved platforms, with scaled Border Gateway Protocol (BGP) routes, when Chained Composite Next Hops (CCNH) is toggled, a few next-hops end up creating additional labels causing a traffic blackhole.
1740226	LSP with auto bandwidth enabled is not updating its Max AvgBW value, preventing the LSP from being resized 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**
1636261	Message 'Initialize libjtask-license first! for mcsnoopd' is seen after committing configuration Product-Group=junos	On all Junos platforms, a harmless message is observed on the terminal output after committing the multicast snooping configuration.
PR Number	**Synopsis**	**Category: MX Timing software**
1715314	PTP statistics will not be visible after RE switchover. Product-Group=junos	On all Junos MX platforms with distributed PTP (Precision Time Protocol) timing feature, after RE (Routing Engine) switchover, PTP statistics will not be available. This is a display issue and very rarely seen.
PR Number	**Synopsis**	**Category: OS IPv4/ARP/ICMPv4**
1647331	arp-retries knob needs to be unhidden for EVO ISSU ARP RLI. Product-Group=junos	arp-retries knob needs to be unhidden
1662297	Enabling "arp-retries" knob on Junos platforms Product-Group=junos	This CLI was hidden. This is made unhidden for ISSU feature.
PR Number	**Synopsis**	**Category: "ifstate" infrastructure**
1735685	Control plane flap, data drop, unexpected behavior of PFE or device is observed when file storage is impacted in a continuous ksyncd process crash scenario Product-Group=junos	On all Junos platforms configured with GRES (Graceful Routing Engine Switchover), file storage in the system will get affected when the ksyncd process crashes continuously and result in control plane flap, data drop or unexpected behavior of PFE (Packet Forwarding Engine) or device.
PR Number	**Synopsis**	**Category: Kernel MPLS / Tag / P2MP Infrastructure**
1723145	Routing Engine-initiated PING failed over MPLS interface Product-Group=junos	The Routing Engine-generated packets that have an MTU size greater than the inet MTU size get dropped when going out on an interface with MPLS chain-composite-next-hop configured.
1747365	rpd crash observed during RE switchover or Route Convergence Product-Group=junos	On Junos EX and QFX platforms, where in few cases during an RE (Routing Engine) switchover (caused by rpd crash on the master RE), rpd (routing protocol daemon) crash is observed on the backup RE once it becomes the master. This results in complete network outage.
PR	**Synopsis**	**Category: IPv6/ND/ICMPv6 issues**

Number		
1703940	RE will crash when static route duplicates with an interface IP address Product-Group=junos	On all Junos platforms, RE (Routing-Engine) will crash when a static route is added that duplicates with an interface IP address. RE crash will lead complete traffic loss.
1704114	The next-hop is shown as unicast instead of reject even when the IPv6 neighbor is unreachable Product-Group=junos	When a neighbor route is unreachable, the IPv6 neighbor state should have been changed back to HOLD, instead, it stays as unicast. This causes impact in the forwarding plane traffic.
PR Number	**Synopsis**	**Category: OSPF routing protocol**
1702456	Junos prefers SRMS advertised label over IS-IS/OSPF SID label advertised via opaque-AS Extended-Prefix Product-Group=junos	On all Junos and Junos Evolved platforms, when IPv4 prefix advertisement received by an IS-IS/OSPF router in the Extended IP reachability TLV and SR mapping server (SRMS) advertisement for the same prefix received through the segment identifier (SID) label Binding TLV, then SRMS advertised label preferred over IS-IS/OSPF SID label advertised via opaque-AS Extended-Prefix. Traffic will be sent via wrong path due to this issue.
PR Number	**Synopsis**	**Category: Express Chip L3 software**
1740190	Page allocation and next-hop installation failures on Junos PTX and QFX Product-Group=junos	On certain PTX and QFX platforms, when unicast/multicast and Point-to-multipoint communication (P2MP) next-hops are present at a high scale, which leads to page allocation failures to f-label page allocation and next-hop installation failures, eventually leading to traffic loss.
1743978	GRE over IPv6 will not work resulting in traffic impact post-upgrading the device Product-Group=junos	On QFX10002-60C platform, GRE (Generic routing encapsulation) for IPv6 will not work resulting in traffic impact due to software issues post-upgrading the device from lower than 21.3R1 release.
PR Number	**Synopsis**	**Category: Express Paradise PFE Sflow**
1741461	Enabling sflow triggers ddos-protection violation of protocol group resolve Product-Group=junos	On all Junos based QFX platforms, when sflow is enabled with ECMP, ddos-protection violation of protocol group resolve is triggered. Sampled packets will be dropped and sflow will stop sending packets to the collector. This is a non-service impacting issue, however sflow will be impacted.
PR Number	**Synopsis**	**Category: Path computation client daemon**
1687885	On Junos and Junos Evolved platforms delegated LSP control will not be returned to the PCC in a specific scenario Product-Group=junos	On all Junos and Junos Evolved platforms where multiple PCEs (Path Computation Element) are provisioned and connected to Junos PCC (Path Computation Client) and when all the PCEP (Path Computation Element Protocol) sessions are down, LSP (Label Switched Path) control will not be returned to the PCC. As a result, if existing EROs (Explicit Route Object) becomes invalid, new ERO will not be computed by PCC and there will be traffic loss.
PR Number	**Synopsis**	**Category: Phone-Home-Client Infrastructure**
1726603	Memory leak is observed on all Junos platforms during ZTP Product-Group=junos	On all Junos platforms where ZTP (Zero Touch Provisioning) is supported, memory leak will be seen when system is zeroized for long and left for couple of days.
PR Number	**Synopsis**	**Category: Issues related to PKI daemon**
1694604	IPSEC tunnel is not getting established back after the execution of 'clear security ike sa'	On Junos SRX platforms, the IPSEC (Internet Protocol Security) tunnels do not get established after the tunnels are deleted using the command 'clear security ike sa'.

	Product-Group=junos	
1739342	Memory leak in PKID Product-Group=junos	PKID process shows memory usage increase over time after a larger number of certificate verifications. The issue can be recovered by the CLI command "restart pki-service".
PR Number	**Synopsis**	**Category: QFX platform fabric mgmt for Express ASIC chip**
1734735	Packet drop is observed due to SIB ASIC issue on fabric Product-Group=junos	On all inserted FPCs of Junos based QFX10K8/QFX10K16 platforms,due to SIB (Switch Interface Board) ASIC (Application-Specific Integrated Circuit) issue on fabric, packets are getting dropped and major errors "PECHIP_CMERROR_EPW_MISC_INT_EVENTS_CRC_ERR (0x2101aa)" are reported. These errors are not auto-cleared on a couple of FPCs.
PR Number	**Synopsis**	**Category: QFX PFE Class of Services**
1726124	The class of service subsystem crashed after the device is restarted or the switchover is performed Product-Group=junos	On Junos QFX5100 and QFX5110 platforms in virtual chassis, the cosd crash is observed when the GRES (Graceful Routing Engine Switchover) is performed or the device is restarted, due to which the Class of Service (CoS) functionality will not work. It is a rare issue.
PR Number	**Synopsis**	**Category: QFX L2 PFE**
1705853	Tracking PR to add the null check for list_get_head if magic is NULL. 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.
1718095	Deleting the MAC-VRF routing instance will lead to a traffic drop for other routing instances Product-Group=junos	On Junos QFX5K and EX platforms configured with EVPN-VXLAN (Ethernet Virtual Private Network-Virtual Extensible LAN), deleting instance-type MAC-VRF for a routing instance will lead to the traffic drop for the other MAC-VRF routing instances as well.
1730076	Packets received on a port that is in "LACP Detached" state is getting forwarded Product-Group=junos	On all Junos EX46xx/QFX5k (except QFX5100) platforms, child links that are in LACP (Link Aggregation Control Protocol) detached state are up and accepting incoming traffic, expecting it to drop.
1741316	The traffic drop is observed due to the MAC source address being learned from the wrong direction Product-Group=junos	On Junos EX4300/QFX5100/QFX5110/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.
1749214	Traffic drop can be seen when 'port' match is used for filtering on QFX5k/EX4600 platforms Product-Group=junos	On Junos QFX5k/EX4600 platforms when a firewall filter has term that matches on L4 port ('port' matching condition), the filter is applied on output direction on an AE (Aggregated Ethernet) interface or VLAN then the filter will not work. This happens because 'port' match is not supported on QFX5k platforms for EVACL (Egress VLAN ACL Filter Group)/EPACL (Egress Port ACL Filter Group) filters. The traffic will not be dropped if the port match is replaced by the L4 source and destination port and the filter is applied to an IRB (Integrated Routing and Bridging) interface.
1763116	VPLAG information not installed correctly in hardware results in traffic flooding Product-Group=junos	On QFX5k and EX4100, EX4300, EX4400, and EX4650 platforms in the EVPN-VXLAN environment, when the underlay links flaps are observed followed by IPC (Interprocess communication) out-of-order events lead to VPLAG (Virtual Port Link Aggregation) information not correctly installed in hardware resulting in traffic flooding.
1768554	Virtual chassis formation fails for VCP ports Product-Group=junosvae	On platforms that support QFX5E image and that support virtual chassis, when em0 is configured or em0 of master is plugged out, VC formation fails.
1771183	Memory leak observed on non-local FPC for Junos QFX5K and EX platforms Product-Group=junos	On Junos QFX5K and EX platforms in virtual chassis (VC), memory leak happens for non-local Flexible PIC Concentrators (FPC) when delete/detach of interface is performed.

PR Number	Synopsis	Category: QFX L3 data-plane/forwarding
1595823	IS-IS adjacency might fail to be formed if the MTU size of an IRB interface is configured with a value great than 1496 bytes Product-Group=junos	On QFX/EX series switches with Broadcom chip as Packet Forwarding Engine (PFE), if IS-IS is enabled on an integrated routing and bridging (IRB) interface and the maximum transmission unit (MTU) size of the IRB interface is configured with a value great than 1496 bytes, the IS-IS hello (IIH) PDUs with jumbo frame size (i.e., great than 1496 bytes) might be dropped and not sent to the IS-IS neighbors. The following is the product list of QFX/EX series switches with Broadcom chip as PFE. QFX5100/QFX5110/QFX5120/QFX5130/QFX5200/QFX5210/QFX5220 EX2300/EX3400/EX4300/EX4600/EX4650
1666260	Traffic is not restored when l2circuit configurations are deleted and added back on QFX5K Product-Group=junosvae	On the QFX5000 line of switches running Junos OS, when flapping the Layer 2 circuit (access) ports or removing and re-adding the l2 circuit configuration, the programming of the access side port fails and traffic ingressing or egressing out of it gets dropped.
1700927	Minor packet drops due to hardware programming issues Product-Group=junos	On QFX5110-32Q platform, due to hardware programming issues minor packet drops (0.01%) will be observed for the traffic over the VC (Virtual Chassis) interface.
1709664	BFD sessions flap on EX and QFX platforms Product-Group=junos	On all EX and QFX platforms, BFD(Bidirectional Forwarding Detection) sessions are flapped with VLAN configuration change on LAG interface.
1742763	Traffic drop will be observed after extended-vni-list configuration change with EVPN-VXLAN scenario Product-Group=junos	On Junos QFX5100/QFX5110/QFX5120/QFX5200/QFX5210/EX4100/EX4300-MP/EX4400-XX platforms having Ethernet VPN-Virtual Extensible LAN (EVPN-VXLAN) configured if extended-vni-list configuration is deleted, the network interface is flapped and when extended-vni-list is added back due to this traffic using the Flood NH (BUM) on the device will be lost.
PR Number	**Synopsis**	**Category: qfx-sw-mclag**
PR Number	**Synopsis**	**Category: QFX MPLS PFE**
1687257	QFX5120 will drop ingress traffic on an l2circuit configured interface on continuous flapping Product-Group=junosvae	On QFX5120 platforms, when a flap occurs in a Layer 2 Circuit (L2Circuit) configured interface, l2circuit configuration programming fails on the interface and leads to a traffic drop.
1731291	Traffic for VLAN-id 2 gets dropped in Ethernet-CCC L2 Circuit on QFX5k/EX4650 platforms Product-Group=junos	On Junos QFX5k and EX4650 platforms traffic drop for VLAN (Virtual Local Area Network) having id 2 will be seen in the Ethernet-CCC (Circuit Cross Connect) L2 circuit. This happens because the VLAN-id is getting stripped at the egress PE (Provider Edge Router) hence causing a traffic drop at the CE (Customer Edge) Router.
1742364	Traffic dropped is observed in the MPLS LDP scenario when the peer device MAC address is changing Product-Group=junos	On Junos QFX5100 and EX4600 platforms when there is MAC (Media Access Control) change for the LDP (Label Distribution Protocol) neighbor and IP remains the same, the ARP (Address Resolution Protocol) update is proper but MPLS LDP may still use the stale MAC address of the neighbor. If there is any application/service such as MP-BGP using LDP as next-hop, all transit traffic pointing to the stale MAC address will be dropped.
PR Number	**Synopsis**	**Category: QFX EVPN / VxLAN**
1738276	High convergence time in the EVPN-VxLAN uplink failover scenario Product-Group=junos	On Junos QFX5K platforms in the EVPN-VxLAN scenario, due to high convergence time, traffic loss is more than expected when the uplink to the spine disabled (CLI initiated uplink failover).
1740327	The loop-detect is not working in the VXLAN scenario Product-Group=junos	The loop-detect functionality is not working in the Virtual Extensible LAN protocol(VXLAN) scenario enabled with knob "encapsulate-inner-vlan" on Junos QFX5110/QFX5120/QFX5200/QFX5210 platforms. This prevents any loop detection in the looped topology and causes the traffic impact.

PR Number	Synopsis	Category: QFX10008/16 QFX10002 Ultimat/Elit platform related issues -
1734734	Online SIBs will go down due to a faulty SIB that triggers spmbpfe crash Product-Group=junos	On all the QFX10000 line of switches and PTX Series routers running Junos OS, due to initialization failure of a faulty Switch Interface Board (SIB) in the device, the Switch Processor Mezzanine Board (SPMB) status process, also known as the spmbpfe process, crashes and online SIBs go down.
1742186	SPMB process will crash and PICs will not come online Product-Group=junos	On the QFX10000 line of switches running Junos OS, due to initialization failure of a faulty Switch Interface Board (SIB) in the device, the Switch Processor Mezzanine Board (SPMB) status process, also known as the spmbpfe process, crashes and online SIBs go down. Traffic cannot flow through the line card when this happens.
PR Number	**Synopsis**	**Category: QFX5100 Interface related issues**
1688023	The LLDP output packets are not transmitting on the em0 interface of Junos and Junos OS Evolved platforms Product-Group=junos	On Junos and Junos OS Evolved platforms, if a management Ethernet interface(em0) has an inet or inet6 family configured and "delete interfaces em0" is issued, the Link Layer Discovery Protocol (LLDP) output packets will stop transmitting, causing the LLDP neighborship to remain down in peer router.
PR Number	**Synopsis**	**Category: QFX5100 Virtual Chassis**
1718062	VCP ports on 10G not coming up after reboot Product-Group=junos	In a VC of QFX5100-24Q with an expansion module EX4600-EM-8F, if VC is formed on 10G ports then after the reboot of VC, the 10G connections will be lost and the line card will show as not present. This will impact traffic on the 10G ports after connection is lost.
1729067	Traffic loss will be observed due to CRC errors with QSFP+-40G-ACU10M plugged Product-Group=junos	On QFX5K platforms with QSFP+-40G-ACU10M and Virtual Chassis configured, traffic loss will be observed due to CRC (Cyclic redundancy check) errors.
1746788	[QFX5K]When RSI(request support information) is executed in the VC configuration, some errors output Product-Group=junos	On QFX5K platform, "request pfe execute ... target fpc" in RSI is always executed on master role in the VC configuration.
PR Number	**Synopsis**	**Category: QFX5200/5110/5120/5210 Platform optics related issues**
1738077	Link down due to FEC mismatch on EX4650, EX4400 and Junos based QFX5K platforms using 25G-LR optics Product-Group=junos	In a combination of EX4650 connected to EX4400 and Junos based QFX5K platforms connected to EX4400 using 25G-LR(Long Range) optics, FEC(Forward Error Correction) value mismatch between directly connected devices would cause the link to go down on Junos release version 20.4R3-S8 and above and leads to complete traffic loss.
PR Number	**Synopsis**	**Category: QFX5200/5110/5120/5210 Platfom issues**
1710952	No alarm is raised when PSU is inserted with different airflow directions Product-Group=junosvae	On QFX5100/QFX5110/QFX5120/QFX5200 platforms, no alarm would be raised even though inserted PSU module which has a different airflow.
1720884	Interface with QSFP+-40G-CU50CM will be down 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.
1739808	QFX5120-48Y : The information of auto negotiation on SFP-T is not displayed Product-Group=junos	On QFX5120-48Y which is using SFP-T, the information of auto negotiation is not displayed.

1754838	The VC port stays down after backup becomes master Product-Group=junos	On QFX series platforms, virtual-chassis doesn't get formed when using 100G for VC port when unplug and plug 100G optics or DAC cable (Direct Attached Cable) which means converting VC port to network port and again to VC port via CLI command. This issue happens when a single Virtual Chassis Port (VCP) link between the master and backup breaks up, the backup will become the master again enable the VC port links, it won't come up. It will stay in master-master because VC port remains down.
PR Number	**Synopsis**	**Category: Issues related to dynamic-tunnels routing infrastructure**
1728305	The tunnel remains down and traffic is impacted due to no validation of the tunnel forwarding route Product-Group=junos	Traffic drop is observed when the tunnel route resolves over a route, which the next hop was set to discard. This occurs as there is no check if the nexthop is of type discard, reject or black hole.
PR Number	**Synopsis**	**Category: RPD infrastructure issues related to NSR, GRES, switchover,**
1727957	The traffic drop is observed during the Graceful restart on Junos and Junos Evolved platforms Product-Group=junos	On all Junos and Junos Evolved platforms, during the time of Graceful restart(GR), the routes in the Multiprotocol Label Switching(mpls).0 table will be updated even when the routing protocols are in the process of re-convergence and have not yet come out of GR. This causes inaccurate routes in the routing table and traffic drop is observed during GR.
PR Number	**Synopsis**	**Category: RPD Interfaces related issues**
1709629	RPD CPU utilization is 100% when configured with virtual router-advertisement for AE interface Product-Group=junos	On all Junos and Junos OS Evolved platforms rpd (Routing protocol daemon) CPU utilisation reaches 100% when configured with virtual router-advertisement for AE interface due to which AE member link flaps.
PR Number	**Synopsis**	**Category: KRT Queue issues within RPD**
1738820	An rpd crash will be observed due to inconsistency between rpd and kernel Product-Group=junos	On Junos and Junos Evolved platforms, an rpd crash will be observed when rpd tries to add composite next-hop with the same parameters as in the kernel existing composite next-hop which is marked deleted but not deleted due to some reference.
PR Number	**Synopsis**	**Category: Issue related to mcnh routing infrastructure within RPD**
1749431	PTX10K EVO - rpdagent may core after FMBB knob is enabled and deleted then system is rebooted Product-Group=junos	On PTX10K EVO platforms, rpdagent may core after FMBB knob is enabled and deleted then system is rebooted.
1757635	Synchronization issue between RIB and FIB tables leads to the P2MP LSP traffic outage Product-Group=junos	On all Junos Evolved PTX platforms, RIB (Routing Information Base) and FIB (Forwarding Information Base) tables are not synchronized properly, causing the P2MP (Point-to-Multipoint) LSP (label-switched-path) traffic outage when executing the CLI command "clear rsvp session".
PR Number	**Synopsis**	**Category: RPD policy options**
1744449	Policy change to a rib-group import-policy configured with global routing-options interface-routes causes the rpd issue on all platforms with EVPN-VXLAN configuration Product-Group=junos	When a user configures "set routing-options interface-routes rib-group " along with an import policy for that particular rib-group, it will result in an unexpected behavior. It could disrupt the rpd or result in the rpd running at 100%. This issue is only related the "interface-routes" being configured in the global routing-options hierarchy with EVPN-VXLAN configuration. This issue won't be seen when routing-options configurations can have "interface-routes" enabled under specific routing instance.
PR Number	**Synopsis**	**Category: RPD route tables, resolver, routing instances, static routes**

1692484	Configuration check-out failed when applying "irb with inet and inet6" and "inet6.0 static route" Product-Group=junos	commit check for overlapping prefix will fail to commit when ::/0 static route is configured with qualified next-hop and irb interface.
1742147	Memory leak observed when reconfiguring the flow routes Product-Group=junos	On all Junos and Junos OS Evolved platforms, if the nexthop of a flow route is the same as it was before when reconfiguring flow routes, memory leak occurs. High memory use of routing process daemon(rpd) is seen as a result of this leak. A kernel out of memory message is observed which results BGP flap.
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: Secure Web Proxy functionality on Junos**
1623738	Secure Web Proxy with Custom App required HTTP_PROXY Product-Group=junos	Secure Web Proxy with Custom Application won't function after upgrading into Junos 20.1.
PR Number	**Synopsis**	**Category: Generic platform and infra issues for MS-MIC and MS-MPC(XLP)**
1752132	The mspmand process crashes when MPLS VRF Route table is not present for a MPLS route and MPLS route is deleted Product-Group=junos	Jflow maintains the VRF table information for all the families and the routes present under that VRF. This information is sent by RPD to JFlow. This issue is seen when MPLS VRF table is not present for a MPLS route and we try to delete the MPLS route.
PR Number	**Synopsis**	**Category: SFW, CGNAT on MS-MIC/MS-MPC (XLP)**
1713725	IPv6 Fragmentation is not working on MS-MPC/MS-MIC in DS-Lite scenario Product-Group=junos	On all Junos MX platforms with MS-MPC/MS-MIC cards in DS-Lite(Dual-stack Lite) scenario , Address Family Transition Router (AFTR) always failed to fragment newly generated IPV6 packet that has packet size larger than mtu-v6 value. packet will be dropped and will not reach to the softwire initiator (B4)
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.
PR Number	**Synopsis**	**Category: SRX Argon module**
1737442	Intermittent core-dumps is received	On SRX platforms, When Server Message Block(SMB) protocol is enabled on advanced anti-

	when SMB protocol is enabled on AAMW policy and PFE memory is exhausted Product-Group=junos	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: SRX branch platforms**
1658968	The DNS information is getting lost when IPCP flaps Product-Group=junos	On all SRX-branch series platforms working as a PPPoE (Point-to-Point Protocol over Ethernet) client and a DHCP (Dynamic Host Configuration Protocol) server, DNS (Domain Name System) information is getting lost, for which the DHCP client won't receive DHCP information and DNS packets will not get resolved to result in the packet drops. This issue happens when the IPCP (Internet Protocol Control Protocol) source address is not getting copied and IPCP is getting flapped due to the interface (DHCP interface) being flapped.
1675853	Netbios traffic (IRB broadcast) is getting dropped post upgrade on the SRX platform Product-Group=junos	On SRX platforms, NetBIOS (Network Basic Input/Output System) broadcast packets originating from the client do not reach the SRX routing engine, which is required in case "set forwarding-options helpers port 137" is configured to forward NetBIOS to a server.
1714620	High latency will be observed while pinging to peer device Product-Group=junos	On Branch SRX Platforms, The delay will be observed while pinging to peer device due to high latency when VLAN(Virtual Local Area Network) tagged DHCP(Dynamic Host Configuration Protocol) packets arrive at IRB (Integrated Routing and Bridging) interface.
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.
PR Number	**Synopsis**	**Category: SSL Proxy functionality on JUNOS**
1752678	Large TLS1.3 session tickets to an SRX SPC3 device result in srxpfe crash Product-Group=junos	On SRX platforms with SPC3 card with SSL (Secure Sockets Layer) Proxy enabled, the srxpfe process crash will be observed impacting the traffic flow when the system is unable to handle large TLS1.3 (Transport Layer Security) session tickets (bigger than 1682 bytes) received from access sites.
PR Number	**Synopsis**	**Category: MX10003/MX204 MPC defects tracking**
1686012	100GE interface on JNP-MIC1 TIC module may keep flapping for 1 ~ 45 minutes after a specific 3rd party peer device (NRU02 from Arista/Pluribus) is booting up. Product-Group=junos	100GE interface on JNP-MIC1 TIC module may keep flapping for 1 ~ 45 minutes after a specific 3rd party peer device (NRU02 from Arista/Pluribus) is booting up.
PR Number	**Synopsis**	**Category: MX10002 Platform SW - Platform s/w defects**
1727985	A panic reboot will be observed due to deadlock on VMhost platforms Product-Group=junosvae	On Junos based VMhost platforms due to disk access issue a panic reboot will be observed with core files. This is a rare issue and traffic will be impacted as the system reboots unexpectedly.
PR Number	**Synopsis**	**Category: SRX-1RU platfom related protocol, QoS, filtering features et**

1729284	L2 channel error counter increases when unknown family packets received by interfaces 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 Product-Group=junos	On SRX4600 platforms, Junos OS installation using USB can fail due to slow USB detection.
PR Number	**Synopsis**	**Category: ZT/YT pfe qos software issues**
1729747	Egress CoS rewrites won't work and that may lead to QoS specific issues downstream Product-Group=junos	On Junos platforms, when the Preserve Next Hop routing knob is enabled, MPLS (Multiprotocol Label Switching) EXP rewrites on the transit router do not work. CoS (Class of Service) behaviour seen for the packets downstream of this node may not be on expected lines . There could be drops where it is not expected.
PR Number	**Synopsis**	**Category: ZT/YT pfe firewall software**
1738548	DHCP offer is dropped at MX and specific EX platforms when an lt interface is used as the transport 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. DHCP relay will not work as expected due to this issue.
PR Number	**Synopsis**	**Category: ZT/YTpfe bridging, learning, stp, oam, irb software**
1664694	Not all MAC addresses are learnt for some VPLS instances Product-Group=junos	On MX platforms with specific line cards(MPC10, MPC11 & LC9600), when the CLI "clear vpls mac-table" is executed, all the MAC addresses are not learned for some VPLS instances. This will lead to traffic loss due to MAC table not having all the MAC addresses.
PR Number	**Synopsis**	**Category: ZT/YT pfe l3 forwarding issues**
1731587	Telemetry data not sent for /junos/services/label-switched-path/usage/ on MPC11E cards Product-Group=junos	Telemetry Stats are not visible for MPLS LSP(RSVP Based) when the core interface is MPC11/MPC10.
PR Number	**Synopsis**	**Category: Trio pfe qos software**
1700860	The egress rewrite-rule might not work as expected for traffic entering the AE interface Product-Group=junos	On all MX platforms, if the loss-priority is not explicitly configured on the AE (Aggregated Ethernet) interface, the default classifier is applied, but the loss-priority is not properly set at certain DSCP (Differentiated Services Code Point) code points and the rewrite does not execute as expected.
1732690	Heap memory leak on MPCs used for subscriber termination. Product-Group=junos	Heap memory leak on access MPCs used for subscriber termination may be observed in a subscriber-management environment.
1736890	The CoS rewrite rules will not be working in the EVPN with IRB scenario 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**
1682164	Traffic drop is seen after configuring fast-lookup-filter Product-Group=junos	On MX platforms with specific line cards, when fast-lookup-filter (FLT) is used on a highly scaled device, a packet processing loop in PPC will corrupt the internal next-hop lookup, causing a traffic drop.

1737615	MPC1 to MPC13E/LC2101,LC2103,LC480/T4000-FPC5/MPC based line card reboots when subscriber management services are configured Product-Group=junos	When Junos EX, MX, SRX, T platforms with Modular Port Concentrators from MPC1 to MPC13E/LC2101,LC2103,LC480/T4000-FPC5/MPC based line cards are configured with subscriber management services with interface name that exceeds 19 characters, it leads to line card reboot causing service impact.
1746176	After the device reboots, policer applied on the AE interface will not work Product-Group=junos	On all Junos and Junos OS Evolved platforms, the directly attached policer on Aggregated Ethernet (AE) interfaces will not be effective after the device reboots and traffic policing will not happen.
PR Number	**Synopsis**	**Category: Trio pfe bridging, learning, stp, oam, irb software**
1669478	Traffic drop observed with SP style configuration for the logical tunnel in layer2 domain Product-Group=junos	On MX platforms, when the configuration for the logical tunnel in the layer2 domain is in the service provider style observing traffic drop for traffic over IRB (Integrated routing and bridging).
1720772	VLAN rewrite will not work for traffic egressing on IRB over L2 AE IFL Product-Group=junos	On Junos MX and EX92XX with specific line cards, VLAN rewrites will not happen for traffic egressing from IRB(Integrated Routing and Bridging) interface over an L2 AE (Aggregated Ethernet) IFL (Interface Logical), if the L2 AE IFL is configured to perform VLAN rewrites on the frames. This happens when the IRB is configured as a routing-interface on EVPN (Ethernet Virtual Private LAN) or VXLAN (Virtual Extensible LAN) routing instances and the traffic has to egress on IRB over an L2 AE IFL. As a result, the frames are forwarded with incorrect VLAN tag information.
1724925	Traffic loss observed for packets over IRB over LT Product-Group=junos	On all Junos MX with MPC1-9 and EX9K platforms, traffic loss will be seen when a L3 domain (either a VRF or default routing-instance) with an underlying IRB (Integrated Routing and Bridging) interface is stitched to another L2 domain (VPLS domain/ L2circuit/ bridge domain) with a LT (Logical Tunnel) interface acting in the access mode.
1731564	VPLS traffic gets blackholed by qualified-bum-pruning mode Product-Group=junos	On all MX and EX9K platforms, qualified-bum-pruning-mode completely blackholes VPLS (Virtual Private LAN Service) traffic with network-services configured in enhanced-ip mode.
1736667	Intermittent flooding of traffic every 40 sec Product-Group=junos	On MX/EX92K Junos platforms with line cards running MPC families up to MPC9, Layer2 unicast traffic flow sent on FPC where Pseudowire Subscriber Interfaces (PS interface) is not anchored and the packet contains DMAC as one of the MACs learned behind that PS IFL. Packets with DMAC as that of the Mac learned behind PS IFL is getting flooded from the FPCs where PS IFL is not anchored every 40sec. The impact is that every 40sec traffic sent towards a known MAC will be flooded as this destination MAC was unknown. This traffic shouldn't be flooded arriving at incorrect destinations.
PR Number	**Synopsis**	**Category: XMCHIP Related SW Issues**
1724841	Memory initialization and scrub operation using PFE's fails Product-Group=junos	On MPC5/6/7/8/9 line cards, the memory initialization/scrub operation using PFE's (Packet Forwarding Engine) may fail in very rarely scenario. If memory scrub at line card initialization fails we may see initialization errors and a large number of PFE traps. Partial to full service impact depending on which event failed.
PR Number	**Synopsis**	**Category: Junos Automation, Commit/Op/Event and SLAX**
1717425	Junos platform device unable to commit configuration in recovery mode Product-Group=junos	On all Junos platforms where snapshot is supported, when a device is rebooted from recovery mode it fails to commit configuration due to problems with slax import and device might go into amnesiac mode due commit fail.
PR Number	**Synopsis**	**Category: Configuration mgmt, ffp, load-action, commit processing**

1562848	The mustd process may crash on all platforms Product-Group=junos	With a large-scale configuration, in rare cases, the mustd process might crash. The mustd process, which is responsible for configuration constraint checks, might crash on commit, leading to commit failure.
1663590	Commit failure might be observed on reactivation or commit of specific configurations after the upgrade of the device Product-Group=junos	On all Junos and Junos Evolved platforms, reactivation or commit of specific configurations fails after the upgrade of the device.
PR Number	**Synopsis**	**Category: UI Infrastructure - mgd, DAX API, DDL/ODL**
1693630	In JUNOS EVO "show | display inheritance" does not work correctly for LSPs with whitespace in the name Product-Group=junos	An LSP with whitespace in the name does not display correctly when viewing the configuration using 'show | display inheritance'
1740289	The 'load replace' operation might result in mustd and mgd crash Product-Group=junos	On Junos and Junos Evolved platforms with 'apply-group' configured, the mustd and mgd processes might crash when the 'load replace' operation is performed. When this happens, 'apply-groups' will get deleted internally and the respective hierarchies will not be notified.
PR Number	**Synopsis**	**Category: For GPRS security features on highend SRX series**
1750988	SRX dropping GTP ChangeNotificationRequest messages due to "Non-zero TID/TEID Product-Group=junos	The change notification request and response gtpv2 messages received with non-zero TEID are being dropped. This might have been in agreement with previous ETSI requirement. But as per latest releases, such messages with non-zero TEID also shall be passed and not dropped.
PR Number	**Synopsis**	**Category: VMHOST platforms software**
1726621	Root user is unable to login using public key authentication after reboot or upgrade Product-Group=junos	On all EX92XX series platforms with NG-RE running Junos OS 21.4R1 or higher releases, the root user is unable to login using public key authentication (RSA Keys) after reboot or upgrade and prompts for a password even when password less authentication is configured.
1726775	Upgrading the i40e NVM Firmware on Routing Engines with VM Host Support Product-Group=junosvae	Steps for Upgrading the i40e NVM Firmware on Routing Engines with VM Host Support is described in https://www.juniper.net/documentation/us/en/software/junos/junos-install-upgrade/topics/task/vmhost-nvm-upgrade.html i40e NVM version 6.01 is the prerequisite to install a LTS19 based image, else image installation will fail. This prerequisite is not needed now.
PR Number	**Synopsis**	**Category: usf url filtering related issue**
1737670	URL-Filtering few HTTP sites are getting bypassed and redirect is not happening Product-Group=junos	On Junos MX series platforms with service card (SPC3, MS-MPC and MS-MIC), when the contents in the url-filter-database file are in upper case, the URL (Uniform Resource Locator) filtering fails to filter those HTTP (Hypertext Transfer Protocol) URIs (Uniform Resource Identifier) which are meant to be redirected.
1751860	Service PIC enabled with url-filtering may crash and gets into booting loop Product-Group=junos	On MX platforms, with service cards running url-filtering plug-in, when the domain-names are resolved with more than 10 IPv6 or IPv4 addresses, may results in service PIC crash.
PR Number	**Synopsis**	**Category: usf logging and reporting function related issues**
1744563	The "log-tag" is not populated in the cgnat syslogs intermittently Product-Group=junos	Sometimes, the log-tag within a stream is not used in syslog generation.

21.4R3-S5 - List of Known issues

PR Number	Synopsis	Category: EX4300 PFE
1720219	PFE process crash is observed on Junos EX4300 platforms 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. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S4 junos:21.4R3-S5-X1
PR Number	**Synopsis**	**Category: EX4300 Platform**
1623215	Traffic loss might be seen when the interface fails to verify the parameter "LOCAL-FAULT" Product-Group=junos	On all EX4300 platforms(excluding EX4300-MP), when the interface fails to verify the interface parameter "Local-fault", traffic loss might be seen. *Resolved In:* junos:20.2R3-S5 junos:20.4R3-S2 junos:21.1R3-S1 junos:21.2R3-S1 junos:21.3R2 junos:21.3R3 junos:21.4R2 junos:21.4R3-S5-X1 junos:22.1R2 junos:22.2R1
1736610	On EX4300 Port LED status for uplink module ports may be not seen under show chassis led cli on ex4300 Product-Group=junos	On EX4300 Port LED status for uplink module ports may be not seen under show chassis led cli on ex4300 *Resolved In:*
1741428	On EX4300-32f for ports 32~35 auto-neg disable may cause link partner stay up with unidirectional link Product-Group=junos	On EX4300-32f for ports 32~35 auto-neg is disable, may cause link partner stay up with unidirectional link *Resolved In:*
1747126	On EX4300-VC, qsfp_tk_read_mem_page messages might be seen after an upgrade Product-Group=junos	On EX4300 VC setup, "qsfp_tk_read_mem_page: Rear QSFP+ PIC failed to select addr 127 err 1000" messages may be seen intermittently. There is no functionality impact for these error messages *Resolved In:*
1749289	On EX4300, "Error requesting CMTFPC SET INTEGER" and "Error requesting SET BOOLEAN" logs may be seen after device boot up. There is no functional impact for the error messages Product-Group=junos	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 *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S5
1752611	The port attached to 40 DAC cable doesn't come up after software upgrade or switch reboot Product-Group=junos	On EX switches, if 40G DAC(Direct Attach Copper) cables with PN(Part Number) 740-038624 (QSFP+-40G-CU3M) and 740-044512 (QSFP+-40G-CU50CM) are used, links might not come up after software upgrade to Junos 21.4R3-S3 or after a switch reboot (if the switch is running Junos 21.4R3-S3). The switch ports that use these DAC cables are observed to go down after a reboot. *Resolved In:* junos:21.2R3-S7 junos:21.4R3-S6
PR Number	**Synopsis**	**Category: EX4300 Platform implementation**
1734925	EX4300-48MP: Device did not come up with USB image when "request system reboot usb" is issued. Product-Group=junosvae	Request system reboot usb doesn't seems to be supported in Ex4300-48MP. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1

PR Number	Synopsis	Category: EX2300/3400 PFE
1766314	Memory leak is observed when dot1x authentication is used Product-Group=junos	On EX and QFX5K series platforms, in scenarios where CWA (Central Web Authentication) or Captive Portal are used as the second level of authentication after MAC is authenticated as part of dot1x, memory is leaked in PFE for every http request received at the switch before second level of authentication. When the heap memory utilization crosses 80 percent, a crash is observed and the PFE is restarted with the subsequent impact on the traffic. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: "agentd" software daemon**
1702250	The xmlproxyd process crash is observed in telemetry scenario Product-Group=junos	On all Junos and Junos OS Evolved platforms, when telemetry services are enabled and the interleaving of telemetry streaming of more than one xmlproxyd sensors can lead to xmlproxyd process crash. *Resolved In:* evo:20.4R3-S9-EVO evo:21.4R3-S6-EVO evo:21.4X1-EVO evo:22.2R3-S1-EVO evo:22.3R3-EVO evo:22.3X50-EVO evo:22.3X80-D36-EVO evo:22.3X80-D37-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:20.3X75-D52 junos:20.4R3-S9 junos:21.2R3-S5 junos:21.4R3-S6 junos:22.2R3-S1 junos:22.3R3 junos:22.4R3 junos:22.4R3-S1 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	**Synopsis**	**Category: Alfa Romeo Chassis Category**
1742510	Tunnel interfaces are getting bounced causing a momentary impact on traffic Product-Group=junos	On MX304 device and LC9600 line card, upon Routing Engine switchover chassisd on new master was not re-initializing the tunnel/inline services configuration data, hence all static tunnel interface (GRE, IP-IP, Multicast (MT), PIM, Logical tunnels and Virtual loopback tunneling (VT)) and inline interfaces will get bounced (deleted and re-created) after doing any CLI commit after an RE switchover. There will be momentary impact on traffic using these interfaces. *Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:21.4R3-S5-J6 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: PFE issue for flowd on australia SPU**
1727027	The datapath-debug packet-dump feature is not capturing the transit traffic packets Product-Group=junos	On SRX5000 platforms with IOC3 card (SRX5K-MPC3-100G10G and SRX5K-MPC3-40G10G), datapath-debug packet-dump will stop capturing the transit traffic packets when datapath-debug packet filters with packet-dump are targeting the traffic on the interface which is configured with firewall filters. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R3-S2 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: BBE OS Infrastructure library**
1732216	'max-db-size' configuration is optional in routers having DRAM greater than or equals to 32GB Product-Group=junos	On Junos MX platforms, to enable Enhanced Subscriber Management feature without 'max-db-size' configuration on router >=32GB DRAM(Dynamic Random Access Memory), router needs to be rebooted only once instead of rebooting twice. *Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:20.2R3-S4-J9 junos:21.2R3-S5-J3 junos:21.2R3-S6 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1
PR Number	**Synopsis**	**Category: Border Gateway Protocol**
1690213	BMP will not send EOR message	On all Junos and Junos Evolved platforms, BGP Monitoring Protocol (BMP) will not send End of

	for BMP RIBOUT monitoring in certain case. Product-Group=junos	RIB (EOR) message for BMP RIBOUT monitoring in certain case for some releases. This is a timing related problem specific to BMP RIBOUT monitoring and not applicable for other monitoring type (RIB-IN or Local RIB monitoring). This will impact some data collections. *Resolved In:* evo:22.2R3-EVO evo:22.3R2-EVO evo:22.4R2-EVO evo:23.1R1-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:22.1R3-S4 junos:22.2R3 junos:22.3R2 junos:22.4R2 junos:23.1R1 junos:23.2R1 junos:23.3R1
1735189	Enabling bgp traceoptions flags will log frequently to the trace file Product-Group=junos	Enabling bgp traceoptions flags will log frequently to the trace file and pollute the logs and possibly impact the performance of rpd. *Resolved In:* evo:21.2R3-S6-EVO evo:21.4R3-S5-EVO evo:22.2R3-S2-EVO evo:22.3R3-S1-EVO evo:22.4R2-S1-EVO 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:22.2R3-S2 junos:22.3R3-S1 junos:22.4R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1760885	The BGP LU labels can have next-hops pointing to each other in multi-homed PE setup Product-Group=junos	On all Junos and Junos Evolved platforms the routes received by two multi-homed PE (Provider Edge) routers in the 'inet-unicast' family are advertised in the BGP (Border Gateway Protocol) LU (Labeled Unicast) family to each other. This issue happens when there is no rib.inet3 configured under the address family labeled unicast which causes the routes from 'inet-unicast' and 'inet-labeled-unicast ' tables to get mixed. There will be a traffic impact when this issue is encountered. *Resolved In:* evo:22.1R3-S5-EVO evo:22.2R3-S3-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.1R3-S5 junos:22.2R3-J6 junos:22.2R3-S3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: BBE Remote Access Server**
1740912	Subscribers sessions are logged out after performing GRES Product-Group=junos	On MX platforms with subscriber management scenario, subscribers sessions are logged out in the backup Routing Engine (RE) after performing Graceful Routing Engine Switchover (GRES) . *Resolved In:* evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: MX Platform SW - FRU Management**
1629943	When root login is disabled, FPCs can become unresponsive after upgrade to 21.4 Product-Group=junos	For ACX5448, MX204 and MX2008 "VM Host-based" platforms, starting with Junos 21.4R1 or later, ssh and root login is required for copying line card image (chspmb.elf for MX2008) from Junos VM to Linux host during installation. The ssh and root login are required during installation. Use "deny-password" instead of "deny" as default root-login option under ssh config to allow internal trusted communication. Ref https://kb.juniper.net/TSB18224 *Resolved In:*
PR Number	**Synopsis**	**Category: Class of Service**
1760817	Change in the cosd behaviour due to the CoS interface specific wildcards Product-Group=junos	On all Junos platforms, applying the class-of-service (CoS) interface specific wildcards was leading to an inconsistent behaviour of the class-of-service daemon (cosd) at different times. *Resolved In:* evo:23.2R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Platform PR for 1G/10G LC**
1756780	HMC errors will be observed on Junos platforms with LC480 Product-Group=junos	On Junos platforms with LC480 line card when there is high volume of traffic on the line card, HMC (Hybrid Memory Cube) errors are seen due to non-optimal settings on the power regulator device. PFE (Packet forwarding Engine) will be disabled due to these errors and traffic for all ports mapped to that PFE will be impacted. *Resolved In:* junos:22.4R1-S2-J4 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1

		junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: 1G/10G LC Timing software**
1583496	Error message seen in clksyncd logs with SyncE/PTP configs "ESYNC-Error:ferrari_zl30362_reg_write: Error, EEC(0) not yet initialized" Product-Group=junos	Error message seen on MX10K8 chassis with SyncE/PTP configurations, This does not affect any functionality, The error seen here because the API called is specific to ferrari platform which needs to be vecterized. *Resolved In:* evo:22.3R2-EVO evo:22.4R2-EVO evo:23.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R2 junos:22.4R1 junos:22.4R2 junos:23.1R1
PR Number	**Synopsis**	**Category: Device Configuration Daemon**
1757801	High memory utilization is observed on all Junos platforms Product-Group=junos	On all Junos platforms, the device control daemon (dcd) consumes some memory when a new configuration related to any protocol is added and it is not freeing up the memory. This resulted in a high dcd memory utilization. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Firewall Filter**
1714988	The Firewall filter with syslog action will not work when applied on the ingress of a loopback interface Product-Group=junos	The firewall filter with syslog action on lo0 does not work as expected due to which logs are not seen on the log file. *Resolved In:* junos:21.4R3-S6 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	**Synopsis**	**Category: CoS support on DNX**
1732509	The IPv4 classification and EXP remarking might not work as expected in the IP-MPLS scenario Product-Group=junos	On Junos ACX710 and AX5448, Multi-protocol label switching Experimental (MPLS EXP) marking will not work as expected with IPv4 traffic which causes the traffic to be wrongly classified. *Resolved In:* junos:21.4R3-S6 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: ACX platform interface issues**
1764243	[ACX5448] After upgrading Junos, Remote fault state of tri-rate SFP-T will be 'Offline'. Product-Group=junos	Some Junos releases from 21.4R3 to 22.4R3 may show Remote fault state as 'Offline' in show interface by default. *Resolved In:* junos:21.4R3-S6
1764303	During the interface UP state the speed displays as "Unspecified" during the reboot scenario. Product-Group=junos	On Junos ACX5448 device with SFP-T optics, speed displays wrong in CLI when executing "show interface " CLI command will display "Unspecified" speed. Speed value will not be updated properly. There is no traffic impact. *Resolved In:* junos:21.4R3-S6
PR Number	**Synopsis**	**Category: OAM support on DNX**
1760482	ACX5448: cfm is stuck in start state between dut and service edge router Product-Group=junos	ACX5448: cfm is stuck in start state between dut and service edge router *Resolved In:*
PR Number	**Synopsis**	**Category: Covers Application classification workflows apart from custo**

1638588	AppID installation failure on the secondary HA node in case of failover Product-Group=junos	On SRX platforms, installation of Application Identification service failed on the secondary HA node in case of failover due to checksum validation. *Resolved In:* junos:19.2R3-S6 junos:19.3R3-S7 junos:19.4R3-S8 junos:20.1R3-S4 junos:20.2R3-S4 junos:20.3R3-S5 junos:20.4R3-S10 junos:20.4R3-S3 junos:21.1R3-S4 junos:21.2R3-S1 junos:21.2R3-S2 junos:21.3R3 junos:21.4R2 junos:22.1R1 junos:22.2R1
PR Number	**Synopsis**	**Category: 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 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. *Resolved In:* evo:23.3R1-EVO junos:23.3R1
PR Number	**Synopsis**	**Category: EVPN control plane issues**
1704286	The VPN traffic loss will be seen in EVPN-VXLAN scenario Product-Group=junos	On Junos and Junos OS Evolved platforms in a type 5 EVPN -VXLAN scenario with GR (Graceful Restart) enabled when rpd is restarted on a PE (Provider Edge) device that advertises prefixes in VRF.inet to other DCs (Data Centers) via EVPN type 5 route, the PE prematurely sends EOR (End-of-RIB) message to EVPN peers before it has learned all the VPN prefixes in a VRF. This results in traffic loss on EVPN peers until VPN prefixes are relearnt. *Resolved In:* evo:22.4R2-EVO evo:23.1R2-EVO evo:23.2R1-EVO junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R2 junos:22.4R3 junos:22.4R3-S1 junos:23.1R2 junos:23.2R1 junos:23.2R2
1739686	Evpn-vxlan comp nh is not installed in pfe after peer reboot Product-Group=junos	Evpn-vxlan comp nh is not installed in pfe after reboot. *Resolved In:* evo:21.3R3-S5-EVO evo:21.4R3-S6-EVO evo:22.1R3-S4-EVO evo:22.2R3-S2-EVO evo:22.3R3-S1-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-S2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:20.4R3-S9 junos:21.3R3-S5 junos:21.4R3-S4-J17 junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1-S2 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: EVPN Layer-2 Forwarding**
1743529	ARP/FIB are added even if IRB in EVPN is disabled Product-Group=junos	On all Junos and Junos Evolved platforms, address resolution protocol (ARP) entry is added via evpn even if the corresponding integrated routing and bridging (IRB) is disabled. Even though an alternative path exists via other interface, the path will not be used and the packet will be dropped. *Resolved In:* evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.4R1-EVO junos:22.4R3 junos:23.2R2 junos:23.3R1 junos:23.4R1
1751386	Re-ARP is not sent before MAC entry expires in EVPN environment on Junos MX platforms Product-Group=junos	On Junos MX240, MX304, MX480, MX960, MX2010, MX2020, MX10004, MX10008 platforms with MPC10/MPC11/LC9600 line cards, Re-Address Resolution Protocol (Re-ARP) is not sent before Media Access Control (MAC) entry expires. It causes a service impact in Ethernet Virtual Private Network- Virtual eXtensible Local-Area Network (EVPN-VxLAN) scenario with IRB (Integrated Routing and Bridging) and BD (Bridge Domain) configured. *Resolved In:* evo:22.2R3-S3-EVO evo:22.3R3-S2-EVO evo:22.4R3-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: EX4100 PFE**

1681478	Multicast traffic loss is seen with 'igmp-snooping' running on EX4100 Product-Group=junos	On Junos EX4100 platforms, multicast traffic drop happens if IGMP (Internet Group Management Protocol) snooping is configured without an IRB (Integrated Routing and Bridging) interface association. *Resolved In:* junos:22.1R3-S4 junos:22.2R2 junos:22.2R3 junos:22.3R1 junos:22.3R1-S1 junos:22.3R2 junos:22.4R1 junos:23.1R1
1752756	L2ALD_IFBD_COUNT_EXCEED is not generated when exceeded max number of vmember Product-Group=junos	On EX4100 platform, there is no log for" L2ALD_IFBD_COUNT_EXCEED " even though exceeded max number of vmember. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S1 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
1770448	[EX46/QFX5K]MTU Errors are counted when receiving packets up to 4 bytes in MTU Product-Group=junos	When receiving packets from MTU + 1 bytes to MTU + 4 bytes on L2 interfaces, packets is transmitted. but MTU errors are counted *Resolved In:* junos:21.4R3-S6 junos:22.2R3-S3 junos:22.2R3-S4 junos:22.3R3-S2 junos:22.4R3-S1 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: EX4400 PFE software**
1759821	The configuration was not applied correctly to set the transmit-rate to the same speed as the interface speed Product-Group=junos	On 1G port if tx rate is applied with 4m(Q0) + 996m (Q1). Config is failed in COSD with the following log and not get pushed to PFE. COSD_TX_QUEUE_RATES_TOO_HIGH: cos_validate_scheduler_shaper_conflict:820 : Unable to apply scheduler map CPE-Transmit-VPN1G-normal-only to interface ge-x/x/x: sum of scheduler transmission rates exceeds interface shaping or transmission rate *Resolved In:* junos:21.2R3-S7 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: EX4400 platform**
1682097	Beacon led is not working on EX tvp platforms. Product-Group=junos	All beacon LEDs on the specified FPC does not turn on after a request command. *Resolved In:* junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R1
1697678	The "show chassis led" output is not working as expected for beacon LED Product-Group=junos	On all EX platforms, whenever beacon LED functionality is enabled, there is a mismatch between the physical LED status and the output of the CLI command ?show chassis led? showing incorrect port LED status for interfaces as LED up instead of off. *Resolved In:*
1709431	MACsec:Traffic loss is seen while testing macsec scale. Product-Group=junos	When high number of MACsec sessions present (more than 200) and traffic is passed over these interface, some of the MACsec session flap and there is traffic drop. *Resolved In:*
1720074	Port will be down when "no-auto-negotiation" is configured on EX4400-48F platform Product-Group=junos	On EX4400-48F platform with Small Form Factor Pluggable 100Base-FX Fast Ethernet Optics, when "no-auto-negotiation" is configured on the interface this results in the interface not coming back online even after deleting "no-auto-negotiation" in interface. *Resolved In:* junos:21.2R3-S6 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R2-S2 junos:22.3R3-S1 junos:22.4R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1724188	EX4400: Flow control shows as disabled at pfe, even after enabling it Product-Group=junos	Flow control state does not show updated value in pfe cli when flow-control for a port is enabled or disabled. This is a display issue with PFE level flow control status, with no functional impact. Need to hard reboot the device or the dcpfe process restart to show correctly updated value *Resolved In:* junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R2-S2 junos:22.3R3 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1

1737500	On EX4400, request system halt/power-off doesn't turn off FAN LED's Product-Group=junos	On EX4400, request system halt/power off CLI doesnt turn off rear FAN LEDs. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
1739691	Physical interface xe is not created on EX4400 Product-Group=junos	On EX4400 platform with 4x25G uplink module, if 10G optics is configured and 10G BASE-T xcvr is plugged in, xe physical interface will not be created. *Resolved In:* junos:22.2R3-S1 junos:22.3R3 junos:22.3R3-S1 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
1741724	1G uplinks on EX4400 with pre-existing configuration do not come up after 4X10G ULM insertion Product-Group=junos	On Junos EX4400 platforms, pre-configured 1G ports do not come up after 4X10G ULM (Universal Link Module) insertion event. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:22.4R3-S1 junos:23.2R2 junos:23.4R1
1742114	Basic VLAN configuration on EX2300-24MP / EX2300-48MP / EX4400-24MP / EX4400-48MP is missing from factory default configuration Product-Group=junos	On EX2300 and EX4400, on CLI "load factory-default", config loaded does not have VLAN configuration. This is present in the factory default config loaded after zeroize. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1751700	Incorrect egress MTU errors when larger than 1500 byte packets are sent on L2 ports Product-Group=junos	On Junos EX4100 and EX4400 Platforms, incorrect egress MTU errors seen when larger than 1500 byte packets are sent on L2 ports. There is no functionality impact only MTU Error counters incrementing. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:22.4R3-S1 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: PFE EVPN / VxLAN related issues on EX platforms**
1774202	The DHCP client will not be able to get the IP address Product-Group=junos	On Junos EX4300MP platforms, in the Virtual Extensible LAN Layer 3 Gateway (VXLAN L3GW) environment with Dynamic Host Configuration Protocol (DHCP) security configured, the offer packets going towards client-facing interfaces are coming out with an additional vlan tag due to which DHCP bindings will not work. *Resolved In:* junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: EX POE**
1751868	POE Log "Thread 22 (PoE Periodic) ran for <> ms without yielding" may be seen Product-Group=junosvae	In the EX4300-24/48MP platform, POE Log "Thread 22 (PoE Periodic) ran for <> ms without yielding" may be seen may be seen in some cases. Usually, this should not cause any service impact but during the high load; this may lead to BFD or LACP flap. *Resolved In:* junos:20.4R3-S9 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Express PFE L2 fwding Features**
1739258	The ksyncd process crash would be seen on backup RE Product-Group=junos	On QFX10008 and QFX10016 platforms with IRB(Integrated Routing and Bridging), EVPN-VxLAN(Ethernet VPN-Virtual Extensible LAN) and enhanced-arp feature enabled, high availability will be impacted as backup RE(Routing Engine) will remain down due to ksyncd (kernel synchronization process) failure. In case of switchover, if backup become the new master, then traffic drop will happen. *Resolved In:* evo:23.4R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R1-S2 junos:23.2R2 junos:23.4R1 junos:24.1R1
1771879	The IP packet of L2 Unicast MAC and L3 undirected broadcast IP	On certain Junos QFX platforms, when an IP packet with L2 Unicast destination MAC and L3 undirected broadcast destination IP is received on an IRB (Integrated Routing and Bridging)

	(255.255.255.255) is dropped when sent over an IRB interface Product-Group=junos	interface, then the packet is dropped. *Resolved In:* junos:21.4R3-S5-J10 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R1 junos:23.4R2
PR Number	**Synopsis**	**Category: Express PFE L3 Multicast**
1756923	A heap memory leak will be seen when P2MP LSP MBB events happened Product-Group=junos	On PTX3000 and PTX5000 platforms, nodes having Point-to-MultiPoint (P2MP) MPLS label switched path (LSP) passing through them will show a slow increase in Flexible PIC Concentrators (FPC) heap memory utilization when there are P2MP LSP Make-Before-Break (MBB) events happened and when adaptive load balancing (ALB) is enabled on the aggregated ethernet (AE) interface. FPC may crash if the memory leak persists for an extended period. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Enhanced Broadband Edge support for firewall**
1719427	The subscribers will be stuck in a terminated state when an FPC is taken offline Product-Group=junos	On MX platforms, If a Flexible PIC Concentrator (FPC) is taken offline while it has Broadband Edge (BBE) subscribers over it, due to timing issues a few subscribers state on the FPC may not get properly cleaned up and will be stuck in a terminated state. This can adversely affect subsequent subscriber logins which fail with an "orphaned filter" error. *Resolved In:* junos:20.2R3-S4-J1 junos:20.4R3-S9 junos:21.2R3-S5-J12 junos:21.2R3-S6 junos:21.3R3-S5 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: SRX1500 platform software**
1622680	The L2 switching doesn't work as expected when running VRRP on IRB interface Product-Group=junos	On the SRX1500 platform, when running VRRP on the IRB interface and multiple VRRP session is configured under the same VRRP group. Both devices have master VRRP sessions with the same VRRP ID and have ACLs with the same VMAC to uplift the packet to the CPU. The VIP (virtual IP address) on the backup node might process traffic for the virtual MAC even when that MAC is learned from the master on a revenue port. *Resolved In:* junos:20.2R3-S4 junos:21.1R3-S1 junos:21.2R3 junos:21.3R3 junos:21.4R2 junos:22.1R1 junos:22.2R1
1729671	When there is a power outage happens after the first upgrade, the reboot device gets stuck at volume booting Product-Group=junos	SRX1500 devices get stuck at volume booting after an upgrade and reboot, followed by a power outage. The device is stuck in this state and continues to boot. *Resolved In:* junos:21.4R3-S6 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: ACX500/1000/2000/4000 timing software**
1755852	PTP packets are not processed over GE interfaces of ACX2200 Product-Group=junos	On Junos ACX2200, the PTP(Precision Time Protocol) packets are not processed over GE (Gigabit Ethernet) interfaces after a reboot due to error in initialisation sequence of PTP. This impacts all functionalities associated with PTP as PTP packets are dropped. *Resolved In:* junos:21.2R3-S7
PR Number	**Synopsis**	**Category: SRX4100/SRX4200 platform software**
1739559	SRX4100/4200 accepts the datapath-debug configuration although it does not support it Product-Group=junos	It is possible to set and commit the datapath-debug configuration on platforms SRX4100/SRX4200 although datapath debugging is not supported on those platforms. because of this unsupported configuration being accepted the RE (Routing Engine) load can go high and cause traffic outage. The workaround is to remove the datapath-debug configuration and perform a commit.

		Resolved In: junos:20.4R3-S8 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: Libjtask for RPD tasks, scheduler, timers, memory, and slip**
1724986	With BGP traceoptions configuration high CPU utilization will be observed and the rpd process may crash Product-Group=junos	On all Junos and Junos Evolved platforms BGP traceoptions configuration will have an impact on the CPU, threads will be busy and will take time to recede in spite of disabling it. It is important we enable a specific trace flag and disable it when the CPU goes high. It is also important not to perform switchover and other triggers which can add load to the CPU during traces are enabled. Traces must be enabled discretely. *Resolved In:* evo:22.2R3-S3-EVO evo:22.3X50-EVO evo:22.3X80-D38-EVO evo:22.3X80-D39-EVO junos:19.4R3-S12 junos:20.3X75-D36 junos:20.3X75-D44 junos:22.2R3-S3 junos:23.2R2
PR Number	**Synopsis**	**Category: Kernel software for AE/AS/Container**
1747289	VRRP traffic will drop when the member link from the AE bundle is deleted, even if there are active members in the AE bundle Product-Group=junos	On Junos using afeb/tfeb way of communication to PFE that is MX80/MX104 platforms with Virtual Router Redundancy Protocol (VRRP) configured, deleting a member link from the Aggregated Ethernet (AE) bundle removes the VRRP filter entry in the Packet Forwarding Engine (PFE) which causes VRRP traffic to get dropped even though other active member links in the AE bundle exists. *Resolved In:* junos:20.4R3-S9 junos:22.4R3 junos:23.4R2
PR Number	**Synopsis**	**Category: Integrated Routing & Bridging (IRB) module**
1629345	Inter vlan ipv6 traffic loss for some hosts after configuration remove and restore. Product-Group=junos	For a topology with VSTP and VRRP configured and IPV6 traffic, if VSTP bridge priority is changed a couple of times (to trigger toggling of root bridge), it is possible that V6 traffic drop is seen on some of the streams. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: ISIS routing protocol**
1753003	The rpd crashes on all Junos and Junos Evolved platforms with IS-IS, segment routing and flex algo configured Product-Group=junos	On all Junos and Junos Evolved platforms, with IS-IS, segment routing and flex algorithm enabled, when the route from ribgroup is deleted due to interface flap, it leads to crash of the infra module as route entry table does not match with the rtbit table (which is passed from IS-IS). *Resolved In:* evo:21.2R3-S7-EVO evo:22.2R3-S3-EVO evo:22.3R3-S2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.3R2-EVO evo:23.4R1-EVO junos:21.2R3-J12 junos:21.2R3-S5-J16 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: jdhcpd daemon**
1743611	DNS received through DHCP is lost after a commit and not able to ping internet 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. *Resolved In:*
1752804	Delay in getting IP through DHCP cause traffic loss Product-Group=junos	On all Junos and Junos Evolved platforms, DHCP IP negotiation will be delayed due to inform processing at Junos relay, when a client sends inform message to server and DHCP server doesn't respond with inform ack message and the client immediately does DORA to obtain IP.

		Resolved In: junos:21.2R3-S2-J26 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Flow Module**
1771176	The GTPv2 create session response packets will get dropped Product-Group=junos	On all SRX5K platforms, the source port of the the create session response packet of the General Packet Radio Switching (GPRS) Tunneling Protocol (GTP) version 2 will be changed to as same as the destination port and will be denied by the policy resulting in create session response packets getting dropped. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R1 junos:23.4R2
1776480	The nsd process goes high on primary device when the Tenant System is configured Product-Group=junos	On all SRX 1500, 4K and 5K series platforms, the nsd process will remain high on primary device after the reboot of the device or power outage or RG0 failover (in chassis cluster scenario) if Tenant Systems are configured. This can lead to traffic loss and outages in the network. *Resolved In:* junos:21.4R3-S6 junos:22.3R3-S2 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: all logging related bugs on srx platforms**
1708116	Log streaming Hosts configured as FQDN may fail when DNS re-query is performed Product-Group=junos	On SRX platforms, log streaming using FQDN requiring DNS name resolution may fail to re-query resulting in FQDN resolution to fail. *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: User Firewall related issues**
1637548	Unable to connect to domain controller on installing Microsoft KB update Product-Group=junos	On all SRX platforms, when the User Identification feature is used with Active Directory, after the Domain Controller server installs updates related to Microsoft's KB article KB5004442, SRX is no longer able to connect to it. *Resolved In:* junos:19.1R3-S9 junos:19.2R3-S5 junos:19.3R3-S6 junos:19.4R3-S8 junos:20.1R3-S4 junos:20.2R3-S5 junos:20.3R3-S4 junos:20.4R3-S3 junos:21.1R3-S1 junos:21.1R3-S3 junos:21.2R3 junos:21.3R2 junos:21.3R3 junos:21.4R2 junos:22.1R1 junos:22.2R1
1755593	Users authenticated via captive portal experience a noticeable delay of atleast 2-5 mins Product-Group=junos	On all SRX platforms, the user-firewall configuration in policy with push-to-identity enabled may cause a delay in web-authenticating the users. *Resolved In:* junos:21.2R3-S6-J3 junos:21.2R3-S7 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Layer2 forwarding on EX/NTF/PTX/QFX**
1724489	Help string "Display information for a specified VLAN" is changed to "Display information for a specified bridge domain" Product-Group=junos	On Junos MX platforms, the help string for CLI command "show mac-vrf forwarding flood ?" vlan-name is changed from "Display information for a specified VLAN" to "Display information for a specified bridge domain" *Resolved In:* evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
1743282	The l2ald crashes when there is recursive deletion of IFBD or when BGP neighborship is cleared in EVPN-VXLAN multi-homed configuration Product-Group=junos	On all Junos and Junos OS Evolved platforms, in a rare scenario, due to timing issue, the l2ald (Layer 2 Address Learning Daemon) crashes and traffic is being blackholed due to recursive deletion of IFBD (Interface Family Bridge Domain) or when BGP (Border Gateway Protocol) neighborship is cleared when EVPN (Ethernet Virtual Private Network) - VXLAN (Virtual Extensible Local Area Network) with multi-homed is configured. *Resolved In:* evo:20.4R3-S9-EVO evo:21.2R3-S6-EVO evo:21.4R3-S5-EVO evo:22.1R3-S4-EVO evo:22.2R3-S2-EVO evo:22.3R3-S1-EVO evo:22.4R2-S2-EVO 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:20.4R3-S9 junos:21.2R3-S6 junos:21.4R3-S4 junos:21.4R3-S5 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: Issues related to Junos licensing infrastructure**
1766515	A warning message is seen while installing a license key with an unknown feature Product-Group=junos	On all Junos platforms, a warning message is seen when installing the license key where features don't support the product. *Resolved In:* evo:21.4R3-S6-EVO evo:22.2R3-S3-EVO evo:23.2R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.4R3-S6 junos:22.2R3-S3 junos:22.4R3-S1 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: PTX1000 platform**
1707747	PTX1000 takes longer time to process routing updates with high scale of routes Product-Group=junosvae	On Junos PTX1000 platforms running Junos Release 20.1R1 and later, the CPU cores assigned to Junos were reduced from 3 to 2. This results in higher Junos CPU utilization during bring up of the router or during high scale of network churn. *Resolved In:* junos:21.4R3-S5 junos:22.3R2-S1 junos:22.4R3 junos:23.1R2 junos:23.2R1
PR Number	**Synopsis**	**Category: SW PRs for MPC10E Interfaces**
1719682	LACP protocol down after link flaps aggrasively within 100ms interval Product-Group=junos	With repeated link flaps on 100G interface on an MPC10E line card, traffic stops egressing the affected interface and report syslog messages "XQSS_CMERROR_DSTAT_INT_REG_DROP0_QDEPTH_UNDRN" or "mqss_wo_coreif_conn_credits_wait_for_init_value" during link down event. *Resolved In:* evo:23.2R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.3X75-D46 junos:21.2R3-S4-J33 junos:21.2R3-S6-J6 junos:21.2R3-S6-J7 junos:21.2R3-S6-J8 junos:21.2R3-S7 junos:21.4R3-S3-J13 junos:22.2R3-S1-J10 junos:22.2R3-S3 junos:22.3R2-S1-J1 junos:22.3R3-S2 junos:22.4R2-S1-J4 junos:22.4R3 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: For multicast snooping on MX**
1569436	When igmp-snooping is removed from the device, the device may encounter inconsistent mcsnoopd Product-Group=junos	Multicast traffic is hogging the switch core when igmp-snooping is removed. The mcsnoopd might crash due to the changes in mrouter interfaces and routes. *Resolved In:* evo:22.1R1-EVO junos:22.1R1
1649410	"show multicast snooping route extensive instance evpn-vxlan-A" with vlan filter is not showing VE,AR mesh group route entries Product-Group=junos	"show multicast snooping route extensive instance evpn-vxlan-A" with vlan filter will show all the mesh group routes present in the MCSNOOPD table. *Resolved In:* evo:21.4R3-S6-EVO evo:22.1R3-S4-EVO evo:22.2R1-EVO evo:22.3R1-EVO junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R1 junos:22.3R1
PR Number	**Synopsis**	**Category: MX Timing software**
1746984	PTP master feature will not work as expected Product-Group=junos	On MX240/MX480/MX960 platforms with SCBE3 (Enhanced Switch Control Board), PTP (Precision Time Protocol) master feature shall not work as expected. The qualified PTP CLK (8k) from RE (Routing Engine) will not propagate to other Line cards that are acting as Master to downstream nodes. *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:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S1 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1750316	SyncE stuck in holdover upon	SyncE stuck in holdover upon PTP slot switchover without change in PTP phase align state.

	PTP slot switchover without change in PTP phase align state Product-Group=junos	*Resolved In:* junos:20.4R3-S9 junos:21.2R3-S6 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
1750885	MPC10E: Support of G.8275.1 PTP Hybrid mode with speed 25G and 400G Product-Group=junos	In 21.2R3S6 release, MPC10E line-card does not support of G.8275.1 PTP Hybrid mode with speed 25G and 400G *Resolved In:* evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: MX104 Software - Chassis Daemon**
1747532	The PFE crash will be observed when configuring the 'per-unit-scheduler' on the MACSEC MIC interface Product-Group=junos	On MX104 platform with MACSEC MIC, the 'per-unit-scheduler' configuration on the MACSEC MIC interface results in the PFE crash leading to traffic impact. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7
PR Number	**Synopsis**	**Category: MX10K platform**
1751785	FPC reboots observed during ISSU on MX10008/MX10016 resulting in ISSU being unsuccessful Product-Group=junosvae	Unified in-service software upgrade (ISSU) on MX10008/MX10016 containing LC480 cards might fail and result in the FPCs to reboot causing traffic interruption and potential service impact. ISSU error would also be reported during this time and lead the reboot of the FPCs. *Resolved In:* junos:22.1R3-S4 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: OS IPv4/ARP/ICMPv4**
1763706	Routing Protocol session down with native VLAN configuration on MX platforms Product-Group=junos	On certain Junos MX platforms, the IS-IS (Intermediate System to Intermediate System) sessions will not come up/keep flapping when the native VLAN (Virtual Local Area Network) is configured on the associated l3 interface. There will be traffic loss due to the routing protocols being down and the workaround for the issue is to remove the native VLAN configuration. *Resolved In:* junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R2-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 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. Product-Group=junos	Show system connections show-routing-instances; reports all routing-instances as unknown. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: PFE Peer Infra**
1747077	Due to timing issues, PFE/PICs will be slow and traffic will be impacted on all Junos platforms Product-Group=junos	On all Junos platforms, due to timing issues the PFE (Packet Forwarding Engine) /PICs (Physical Interface Card) will be slow and services will face slowness issue and error message: 'Minor potential slow peers are: X' will be seen. This is rare timing issue. *Resolved In:* junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3-S1 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: OSPF routing protocol**
1732500	The adjacent PE Node SID label will drop from routing table when MicroLoop-Avoidance is	On all Junos and Junos OS Evolved platforms when OSPF MicroLoop-Avoidance(MLA) is enabled on Segment Routing(SR) speaking node connected to LDP speaking node and this same SR node has to do SR-LDP stitching, the LDP route on the LDP facing interface will be withdrawn and

	enabled in OSPF-SR Product-Group=junos	eventually withdraws the node SID label if there has either LDP speaking node facing link flapping or the rpd is restarted. *Resolved In:* evo:22.2R3-S3-EVO evo:22.3R2-S2-EVO evo:22.3R3-S1-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:22.2R3-S3 junos:22.3R2-S2 junos:22.3R3-S1 junos:22.4R2 junos:22.4R3 junos:22.4R3-S2 junos:23.1R2 junos:23.2R2 junos:23.3R1
PR Number	**Synopsis**	**Category: Express Chip L3 software**
1738541	Traffic drop observed when next-hop installation fails in a high-scale multicast/unicast scenario Product-Group=junos	On Junos PTX and QFX10K platforms, when the Flabel (Fabric Label) memory exhaustion occurs due to the scaled unicast/multicast next-hops and interface flapping i.e. downstream interfaces of multicast flapping, traffic drop is observed for next-hop installation failure in a high-scale multicast/unicast scenario. *Resolved In:* junos:19.2X3-J1 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S4 junos:22.1R3-S4 junos:22.3R3-S1 junos:22.4R3 junos:22.4R3-S1 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1761579	The FPC will crash on Junos PTX platforms in a rare timing issue Product-Group=junos	On Junos PTX platforms with with FPC3, JNP10K-LC1101, JNP10K-LC1102, JNP10K-LC1104, JNP10K-LC1105 and PTX10000, during a rare race condition in hostbound packet handler thread, the FPC (Flexible PIC Concentrator) might crash leading to all the interfaces going down. The exact trigger for this issue is unknown. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
1761887	ECMP traffic drop after the AE interface flap Product-Group=junos	On Junos OS PTX and QFX platforms, in a race condition after the AE (Aggregated Ethernet) interface flap, PFE (Packet Forwarding Engine) will not update unilist next-hops with flapped AE next-hop correctly, causing ECMP (Equal-Cost Multi-Path) traffic drop. *Resolved In:* junos:21.4R3-S5-J1 junos:21.4R3-S5-J11 junos:21.4R3-S5-J8 junos:21.4R3-S5-J9 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Path computation client daemon**
1687885	On Junos and Junos Evolved platforms delegated LSP control will not be returned to the PCC in a specific scenario Product-Group=junos	On all Junos and Junos Evolved platforms where multiple PCEs (Path Computation Element) are provisioned and connected to Junos PCC (Path Computation Client) and when all the PCEP (Path Computation Element Protocol) sessions are down, LSP (Label Switched Path) control will not be returned to the PCC. As a result, if existing EROs (Explicit Route Object) becomes invalid, new ERO will not be computed by PCC and there will be traffic loss. *Resolved In:* evo:21.4R3-S5-EVO evo:22.1R3-EVO evo:22.2R3-EVO evo:22.3R2-EVO evo:22.4R1-EVO evo:23.1R1-EVO junos:21.2R3-S3 junos:22.1R3 junos:22.2R2 junos:22.2R3 junos:22.3R2 junos:22.4R1 junos:23.1R1
PR Number	**Synopsis**	**Category: vMX Platform Infrastructure related issue tracking**
PR Number	**Synopsis**	**Category: Chassis mgmt for all QFX systems - chassis MIB, alarms, CLI**
1385970	Junos OS can hang trying to acquire the SMP IPI lock while rebooting when it is running as a VM on Linux and QEMU hypervisor. Device can be recovered using power-cycle of the device. Product-Group=junos	Junos OS can hang trying to acquire the SMP IPI lock while rebooting when it is running as a VM on Linux and QEMU hypervisor. *Resolved In:*
PR Number	**Synopsis**	**Category: QFX access control list**

1750828	The PFE process crashed while removing and applying the firewall filters Product-Group=junos	On Junos QFX5K/EX (except EX4300) platforms, the Packet Forwarding Engine (PFE) crash is observed while applying the firewall filters. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:23.2R2 junos:23.4R1
PR Number	**Synopsis**	**Category: QFX L2 PFE**
1696428	Adding more than 256 VLANs as name tags on the same interface results in dcd crash Product-Group=junos	On all Junos platforms, the dcd (device control daemon) process crash is observed when more than 256 VLANs as name tags are added on the same interface. *Resolved In:* junos:21.2R3-S5 junos:21.4R3-S4 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:23.1R1 junos:23.2R1
1711860	The dcpfe process will crash due to memory fragmentation Product-Group=junos	On Junos and Junos OS Evolved platforms, the dcpfe (Dense Concentrator Packet Forwarding Engine) process crash will be observed due to memory fragmentation issue. This is a very rare case and would impact traffic as due to dcpfe failure the PFE restarts, so the interfaces will flap. *Resolved In:* evo:23.4R1-EVO junos:23.4R1
1732885	ERPS does not work when a VLAN is part of more than one ERPS ring. Product-Group=junos	This is a Broadcom limitation and Day 1 issue affecting broadcom chipsets such as EX4650's, QFX5ks, EX4300. One VLAN can be mapped to only on ERPS ring. For example, VLAN 100 can be mapped to only one ERPS ring. This same VLAN 100 cannot be part of another ERPS ring on the same switch. *Resolved In:*
1739048	Q-in-Q for access port to access port through VxLAN bridge-domain does not work on all Junos QFX5K platforms Product-Group=junos	Q-in-Q for access port to access port is not working on all Junos QFX5K platforms when it is configured with VxLAN local switching (bridge-domain). The traffic is working in only one direction and the packet is getting dropped in reverse direction because the packet is coming in as single tagged VLAN. *Resolved In:* junos:22.2R3-S3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: QFX L3 data-plane/forwarding**
1588704	The dcpfe might crash on QFX5k devices Product-Group=junos	On QFX5000 line of switches, the Flexible PIC Concentrator (FPC) or dcpfe process might go into a very uncommon state when multiple Broadcom Counter (bcmCNTR) threads are running or spawned in FPC. This state causes the dcpfe process to crash or the FPC to reboot. The purpose of bcmCNTR is to poll statistics from hardware. *Resolved In:* junos:18.4R2-S9 junos:20.3X75-D30 junos:20.3X75-D40 junos:22.1R1 junos:22.2R1 junos:22.2R3
1612955	The P2P IP Type5 & L3 interface packets are not getting displayed in the traceroute result in EVPN-VXLAN Product-Group=junos	Traceroute is not displaying the results for intermediate hop- IP address or ping fails when the interface is configured as L3. However it works when configured as L2 with IRB. *Resolved In:* evo:21.3R2-EVO evo:22.1R1-EVO junos:20.2R3-S3 junos:21.2R2-S1 junos:21.2R3-S4 junos:21.4R1 junos:21.4R3-S3 junos:22.1R3 junos:22.1R3-S1 junos:22.2R1 junos:22.2R2-S2 junos:22.2R3 junos:22.3R1-S2 junos:22.3R2 junos:22.3R3 junos:23.1R1
1731863	[QFX5K]Proxy-arp feathre dose not work as expected Product-Group=junos	Proxy-ARP and Storm Control does not work together in QFX5K-series boxes. *Resolved In:*
1767190	L3 Multicast traffic with TTL=1 get forwarded Product-Group=junos	L3 Multicast with TTL=1 get forwarded. *Resolved In:* junos:21.4R3-S6 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: QFX MPLS PFE**

1589840	The MPLS traffic might not be forwarded after the aggregate interface flap on EX4350/EX4650/QFX5120 Product-Group=junos	On the EX4350/EX4650/QFX5120 platform with MPLS, the traffic might not be forwarded after the aggregate interface flap. *Resolved In:* junos:20.4R3 junos:21.1R3 junos:21.2R2 junos:21.3R1 junos:21.4R1
PR Number	**Synopsis**	**Category: QFX EVPN / VxLAN**
1721297	FPC crash on QFX5120-48Y Product-Group=junos	If we observe any slowness in accessing the VTY and could see any hogging/scheduler slip messages in syslog. It is advised to run the debug commands manually, instead of running it via RSI. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1-S1 junos:23.2R2 junos:23.3R1 junos:23.4R1
PR Number	**Synopsis**	**Category: QFX5100 Interface related issues**
1665800	Ports with SFP-T 1G plugged in may go to hung state on QFX5100 platforms Product-Group=junos	When the remote end server/system reboots, QFX5100 platform ports with SFP-T 1G inserted may go into a hung state and remain in that state even after the reboot is complete. This may affect traffic after the remote end system comes online and resumes traffic transmission. *Resolved In:* junos:20.2R3-S7 junos:20.2R3-S8 junos:20.4R3-S6 junos:20.4R3-S7 junos:21.2R3-S3 junos:21.4R3-S3 junos:21.4R3-S4 junos:21.4R3-S6 junos:22.2R3-S1
PR Number	**Synopsis**	**Category: QFX5200/5110/5120/5210 Platfom issues**
1621630	QFX-5120: Observing error "tvp_is_qsfp_has_single_led ioctl call failed ret:-1" while loading the build Product-Group=junos	The led port init was done for SXE port *Resolved In:* junos:21.2R3 junos:21.3R2 junos:22.1R1
1700957	On QFX 5200 post upgrading to 21.4R1-S2.3 User might observe fan alarms. 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. *Resolved In:*
1710205	On EX4650 'show chassis hardware' does not give fan tray information Product-Group=junos	On the EX4650 platform the "show chassis hardware extensive" does not display fan tray information. *Resolved In:*
1711407	When a 100G transceiver is used as a VC port or network port, the VC port or network port will either not come up or come up as 40G Product-Group=junos	On Junos QFX5110 and QFX5120 platforms, when a 100G transceiver is used as a Virtual Chassis (VC) Port or network port, the VC port or network port will either not come up or come up as 40G. *Resolved In:* junos:22.1R3-S5 junos:22.2R3-S1 junos:22.2R3-S3 junos:22.3R2-S1 junos:22.3R3 junos:22.3R3-S2 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.3R2
1714833	In a Quad group with SFP-10GBASE-T and SFP-LX, the SFP-LX interface will not be up even if the speed is set to 1G Product-Group=junos	On EX4650 and QFX5120-48Y, the SFP-LX interface will not be UP when different Small Form-factor Pluggable(SFP-10GBASE-T and SFP-LX) are plugged in within the same 4 port group. The presence of the 10GE-T SFP resets the speed of the quad back to 10G even if the quad port speed is set to 1G. Normally 10G interface by itself will be up when set to 1G if no other SFP is plugged in. *Resolved In:*
1769709	25G LR Interfaces remains DOWN state after device upgrade to 21.4R3-S4	* on Junos 21.4R3-S4 running on QFX5K and connected to EX4400 using 25G-LR(Long Range) optics, FEC(Forward Error Correction) value mismatch between directly connected devices would cause the 25G-LR link to go down.

	Product-Group=junos	*Resolved In:*
PR Number	**Synopsis**	**Category: QFX5K Timing software**
1760839	JUNOS_REG: QFX5110-48S-4C: Device is not transitioning to Holdover when announce packets not received during announce timeout. Product-Group=junos	JUNOS_REG: QFX5110-48S-4C: Device is not transitioning to Holdover when announce packets not received during announce timeout. *Resolved In:*
PR Number	**Synopsis**	**Category: RPD policy options**
1714163	The static routes are installed in the routing table even though interface routes are not present Product-Group=junos	On all Junos and Junos OS Evolved platforms, the static routes are installed in the routing table even though the corresponding interface routes are not present. *Resolved In:* evo:23.4R1-EVO junos:23.2R2 junos:23.4R1 junos:23.4R2
PR Number	**Synopsis**	**Category: RPD route tables, resolver, routing instances, static routes**
1746439	Route-distinguisher change leads to the route being present in rpd, but not installed in kernel/PFE Product-Group=junos	On Junos and Junos Evolved platforms, traffic impact will be observed when route-distinguisher change is performed for which route will be present in rpd, but not installed in kernel/PFE. This issue happens when the aggregate route is configured. *Resolved In:* evo:21.3R3-S5-EVO evo:22.1R3-S4-EVO evo:22.2R3-S3-EVO evo:22.2X100-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:22.1R3-S4 junos:22.2R3-S3 junos:22.4R3 junos:23.1R2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
1761232	Memory spike will be observed on the system with BFD enabled for OSPF/ISIS Product-Group=junos	On all Junos and Junos OS Evolved platforms, when BFD is enabled on OSPF/ISIS interfaces, memory spikes will be observed in the system. *Resolved In:* evo:22.2R3-S3-EVO evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:22.2R3-S2-J2 junos:22.2R3-S3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: SFW, CGNAT on MS-MIC/MS-MPC (XLP)**
1706171	PFE crash observed during deletion of service-set Product-Group=junos	When deleting a service-sets configuration, the PFE (Packet Forwarding Engine) may restart on MX platforms with MS-MPC (Multiservice-Modular Port Concentrator). This leads to traffic loss. *Resolved In:* junos:21.2R3-S7 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: PTX1000 platform Issues**
1105459	misleading syslog message "L2CKT/L2VPN acquiring mastership for primary" though no VPN/L2CKT configured on the router Product-Group=junos	misleading syslog message "L2CKT/L2VPN acquiring mastership for primary" though no VPN/L2CKT configured on the router *Resolved In:*
PR Number	**Synopsis**	**Category: Remote Access VPN issues on SRX**
1756193	PFE/flowd crash will be seen when NAT and tcp-encap is	On all SRX platforms, the PFE (Packet Forwarding Engine)/ flowd (flow processing daemon) will crash which will lead to a traffic drop when both NAT (Network Address Translation) and "tcp-

	enabled Product-Group=junos	encap" are enabled together in IKE/IPsec configuration. *Resolved In:* junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: SRX branch platforms**
1581554	Traffic is dropped to/through VRRP virtual IP on SRX380 Product-Group=junos	On SRX380, when using Integrated routing and bridging (IRB) interface, Virtual Router Redundancy Protocol (VRRP) VIP (Virtual IP) is not responding to pings (with accept-data configured) and traffic is not routed through the configured VRRP VIP address *Resolved In:* junos:20.3R3-S1 junos:20.4R3 junos:21.1R2 junos:21.1R3 junos:21.2R2 junos:21.3R1 junos:21.4R1
1661816	fxp0 works under disable state in SRX300 Product-Group=junos	SRX300 runs in HA mode, fxp0 could be unexpectedly UP even though "disable" is configured. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1-S2 junos:23.2R2 junos:23.3R1 junos:23.4R1
1703002	SRX380 auto-Negotiation status is incomplete on 10G/1G combo port Product-Group=junos	On SRX380, the Autonegotiation status on the 1G/10G ports may be incorrectly displayed as "Incomplete". This has no impact to traffic. *Resolved In:*
1709013	Kernel panic on Junos (FreeBSD) platforms Product-Group=junos	On Junos (FreeBSD) platforms, kernel panic was seen. *Resolved In:* junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R1
1715247	Interface speed stays 100Mbps when removing speed and duplex command separately Product-Group=junos	On SRX branch series, when the interface speed is set to 100Mbps and the link-mode is set to full-duplex, the interface speed remains at 100Mbps even the speed and duplex commands are removed separately. *Resolved In:* junos:20.4R3-S8 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.1R3-S4 junos:22.2R3-S2 junos:22.3R3-S1 junos:22.4R3 junos:23.2R2 junos:23.3R1 junos:23.4R1
1768050	ARP resolution does not work if generated from the L3 Interface such as the IRB interface Product-Group=junos	On SRX300 series platforms, ARP (Address Resolution Protocol) resolution does not work if it is generated internally from the L3 (Layer 3) interface such as the IRB (Integrated Routing and Bridging) interface. The routing protocol connections will not get established resulting in traffic impact. *Resolved In:* junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: MX10002 Platform SW - Platform s/w defects**
1755585	VM Host memory exhaustion results in image installation failure and brings down the RE during upgrade Product-Group=junos	On VM Host platforms, if the available memory is lower than 7G, the VM Host software install fails and an error message is displayed regarding the lack of space. If a reboot is followed after such failed installation, the RE (Routing Engine) goes dead or boots from secondary disk. *Resolved In:* junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R2
PR Number	**Synopsis**	**Category: MX10003/MX204 MPC defects tracking**
1757878	Interface using a QSA adapter with 1G speed won't work Product-Group=junos	On SRX1RU 4XQSFP28 and MX10003 6XQSFP28 PIC MIC cards ie BCM82328F PHY using MIC card, QSA adapter with 1G speed won't work. *Resolved In:* evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: SRX-1RU platfom datapath SW defects**

1746567	Packet drops observed in SRX4600 with burst traffic Product-Group=junosvae	On SRX4600 platforms, around 25% traffic drop is observed with burst traffic (~20M pps ARP packets) till the node is restarted. *Resolved In:* junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1-S2 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: SRX-1RU platfom related protocol, QoS, filtering features et**
1692516	File archival for /var/log/ by non-root user fails in SRX devices Product-Group=junos	When non-root user tries to generate archive file for /var/log, it either fails or generates an archive with partial log files. This happens due to permission of files under /var/log/hostlogs/. *Resolved In:*
PR Number	**Synopsis**	**Category: ZT/YT pfe firewall software**
1722776	The filter will not work as configured upon changing the "physical-interface-policer" parameters Product-Group=junos	On Junos platforms with MPC10/MPC11/LC-9600 linecard, whenever the "physical-interface-policer" parameters are changed for the "physical-interface-filter" having more than one type of policers (i.e two-color, three-color, Hierarchical policer), the alarm "Potential slow peers are: XDPC2" is generated and the filter will not work as configured and the changes will not reflect in the data plane. *Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:20.3X75-D46 junos:21.2R3-S7 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
PR Number	**Synopsis**	**Category: ZT/YTpfe bridging, learning, stp, oam, irb software**
1753951	Incorrect egress encapsulation corrupting packets of IRB interface on MPC10E with MXVC results in traffic loss Product-Group=junos	On MX platforms with MPC10E line cards, traffic loss will be observed when IRB interfaces are configured on MPC10E line cards in the VC scenario due to packets getting corrupted for incorrect egress encapsulation. *Resolved In:* evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.4R3-S6 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: ZT/YT pfe l3 forwarding issues**
1708283	Cosmetic logs may appear on MX platforms during ISSU Product-Group=junos	On MX platforms during ISSU (In-Service-Software-Upgrade) logs like the following may be seen: "marrow fpcx issu_stats_save: Failed to create counters for Tag = 23, Key = IFL_FC_CNTR_STATS:(345,16) xe-x/x/x.xxx, status = invalid argument?. These logs do not have any service impact. *Resolved In:* evo:23.2R1-EVO junos:23.2R1
1759899	The system crashes due to the deletion of the basic IP configuration Product-Group=junos	On Junos MX devices with MPC10, MPC11, LC9600 line cards and MX304 platforms, the deletion of the basic Internet Protocol (IP) configuration was resulting in the system crash. Apart from this, any rollback/configuration delete that results in a receive next-hop (NH) free/delete have the possibility of ending up in a system crash scenario. *Resolved In:* evo:23.4R1-EVO evo:23.4R2-EVO evo:24.1R1-EVO junos:20.3X75-D46 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.4R1 junos:23.4R2
PR Number	**Synopsis**	**Category: Issues related to broadband edge apps (PPP, DHCP) on Trio ch**
1718595	Subscribers disruption is seen on the AE interface after the "disable-pfe" action Product-Group=junos	On all MX platforms with MPC7/8/9/LC2101/LC2103 line cards, when a "disable-pfe" action is executed for major cmerrors, there will be improper flagging of timeouts and incorrect logging out for all subscribers in scenarios where an AE(Aggregated Ethernet) interface is present on the disabled PFE(Packet Forwarding Engine).

		Resolved In: junos:20.2R3-S5-J8 junos:20.2R3-S8 junos:20.4R3-S8 junos:20.4R3-S9 junos:21.2R3-S6 junos:21.3R3-S5 junos:21.4R3-S4 junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1
PR Number	**Synopsis**	**Category: Trio pfe qos software**
1726698	On certain Junos MX platforms queue buffer-size temporal computation is not happening correctly Product-Group=junos	On certain Junos MX platforms, if a queue's buffer size is configured as temporal value and the transmit-rate/guaranteed-rate is not configured as absolute value at COS (Class of Service) schedulers or traffic-control-profile level, then a very low queue depth buffer gets allocated to the queue. This will lead to aggressive tail-drops on the queue. *Resolved In:* evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.3R1-EVO junos:21.2R3-S7 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3 junos:22.3R3-S2 junos:22.4R2-S2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.3R1
PR Number	**Synopsis**	**Category: Trio pfe bridging, learning, stp, oam, irb software**
1751846	[MX480/MX240] Multicast ping ff02::1 cannot perform reply on MX240/480 platform from MX204 via VXLAN Product-Group=junos	When MX204 and MX240/MX480 connected over static VxLAN with IPv6 underlay and IPv6 configured on IRB interface, Multicast ping with IPv6 address will fail while trying multicast ping with IPv6 address from MX204, ICMP response is not received from MX240/MX480 when other FPC is online. *Resolved In:* evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:21.2R3-S7 junos:22.2R3-S3 junos:22.4R3 junos:23.2R2 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Trio pfe mpls- lsps,rsvp,vpns- ccc, tcc software**
1757984	Memory exhaustion leading to FPC core with auto-policing enabled MPLS with Multicast P2MP Product-Group=junos	On MX platforms with MPC1/MPC2E/MPC7E/MPC8/MPC9E, when auto-policing is enabled under MPLS (Multiprotocol Label Switching) with Multicast P2MP (Point-to-Multipoint) and MVPN (Multicast Virtual Private Network) route churn, traffic impact is observed due to heap memory leak for which FPC gets stuck. *Resolved In:* junos:20.4R3-S9 junos:21.2R3-S7 junos:21.4R3-S6 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR Number	**Synopsis**	**Category: Issues related to NETCONF**
1585855	< ok/> response is getting generated along with < rpc-error> Product-Group=junos	When maximum-password-length is configured and the user tries to configure password whose length exceeds configured maximum-password-length, there is an error and the " tag is emitted. (Ideally " tag should not be emitted in an error scenario.) The configuration does not get committed. *Resolved In:* evo:22.2R3-S1-EVO evo:22.3R2-S2-EVO evo:22.4R3-EVO evo:23.1R1-EVO evo:23.2R1-EVO junos:20.3X75-D36 junos:22.2R3-S1 junos:22.3R2-S2 junos:22.3R3-S1 junos:22.4R2-S2 junos:22.4R3 junos:23.1R1 junos:23.2R1
PR Number	**Synopsis**	**Category: Virtual Private LAN Services**
1729052	The rpd process crash will be observed during VPLS to EVPN migration Product-Group=junos	On all Junos platforms during VPLS (Virtual Private LAN Service) to EVPN (Ethernet Virtual Private Network) migration, when the EVPN and VPLS are configured under the same routing instance and "instance-type evpn" is enabled, then upon deactivate/delete "protocols vpls" and changing the IFL configuration associated with VPLS will lead to rpd process crash. *Resolved In:* evo:21.4R3-S6-EVO evo:22.1R3-S3-EVO evo:22.3R3-EVO evo:22.4R2-EVO evo:22.4R3-EVO evo:23.1R2-EVO evo:23.2R1-EVO evo:23.2R2-EVO evo:23.3R1-EVO junos:21.4R3-S2-J16 junos:21.4R3-S6 junos:22.1R3-S3 junos:22.2R3-S1 junos:22.3R3 junos:22.4R2 junos:22.4R3 junos:23.1R2 junos:23.2R1 junos:23.2R2 junos:23.3R1 junos:23.3R2 junos:23.4R1
PR	**Synopsis**	**Category: usf flow and datapath issue on SPC3**

Number		
1750634	Traffic transfer/receive is impacted for SPC3 CPU cores connected to the affected PCIe bus when the SPC3 card boots up Product-Group=junos	On MX and SRX platforms with SPC3 card, SPC3 (Services Processing Card 3) CPU cores connected to the affected PCIe (Peripheral Component Interconnect) bus (7 CPU cores) getting into a bad state will not transfer any traffic i.e. traffic loss during SPC3 card bootup due to incorrect register settings. *Resolved In:* evo:23.2R2-EVO evo:23.3R2-EVO evo:23.4R1-EVO evo:24.1R1-EVO junos:20.4R3-S9 junos:21.2R3-S7 junos:21.3R3-S5 junos:21.4R3-S6 junos:22.1R3-S5 junos:22.2R3-S3 junos:22.3R3-S2 junos:22.4R3 junos:23.2R1-S2 junos:23.2R2 junos:23.3R2 junos:23.4R1