

Juniper Networks Junos Pulse Release Notes

Junos Pulse 4.0R Build # 41347

This is an incremental release notes describing the changes made from Junos Pulse 4.0R1 release to Junos Pulse 4.0R7. The Pulse 4.0R1 GA release notes still apply except for the changes mentioned in this document. Please refer to Pulse4.0R1 GA release notes for the complete version.

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Noteworthy Changes

1. Support for the following platforms and browsers are added in Pulse4.0R7:
 - a. Windows 8.1
 - b. Internet Explorer-11 on Windows 8.1 and Windows 7
 - c. Mac OS – 10.9

Known Issues/Limitations in Junos Pulse 4.0R7 Release

1. asg-pulse-connmgr – When Pulse is connecting to the server via an authenticating proxy, the credential window may take up to 1 minute to display. (857824)

Known Issues/Limitations Fixed in Junos Pulse 4.0R7 Release

1. asg-pulse-ive-cm - Pulse on Windows 8 incorrectly identifies the VA routes activating as a route change and disconnects the session when route monitoring is enabled. (920182)

Known Issues/Limitations Fixed in Junos Pulse 4.0R6 Release

1. For Pulse 4.0r6 compatibility on Mac OS X 10.9, please refer to <http://kb.juniper.net/InfoCenter/index?page=content&id=KB28278>
2. endpointintegrity-ees - EES does not install through the Pulse interface on Spanish XP. (864153)
3. meeting-series-enduser - Secure Meeting/Pulse Collaboration does not properly display UAC elevation prompt. (889815)
4. pulse-other - RADIUS challenge message is not getting displayed in Pulse UI when RADIUS is used for secondary authentication. (895219)
5. pulse-other - When using soft token ACE authentication, users may be presented with an erroneous next token prompt after providing a valid PIN. (922742)
6. pulse-sa-nc-am - Pulse VPN connection (L3) using SSL transport mode is disconnected erroneously on Mac OS 10.9/Mavericks. (888969)
7. pulse-tunnelmgr-routing - When Mac OS 10.8/Mountain Lion users launch Pulse, an incorrect route is installed if a split tunnelling network is set in the exclude policy. (886531)
8. pulse-sa-nc-am - On XP clients, DNS access fails unless the DNS client service is restarted. (881890)

Known Issues/Limitations Fixed in Junos Pulse 4.0R5 Release

1. pulse-installer – For installation of Pulse on shared OS images, the services get started and Pulse UI comes up on the task manager. (807086)
2. pulse-other - RADIUS challenge message is not getting displayed in Pulse UI when RADIUS is used for secondary authentication. (895219)
3. uac-oac-client-other - – Installing OAC on a Windows 8 32 bit client causes unsigned driver warning pop-up. (891095)

Known Issues/Limitations Fixed in Junos Pulse 4.0R4 Release

1. pulse-dsaccess-service - Junos Pulse connections are not visible and the UI is blank, when installed on a Vista x64 client. (873948)
2. pulse-hostchecker - During a race condition, Host Checker fails when session expires and new authentication is attempted to the server. (880192)
3. pulse-netshim - Windows8 may experience BSOD when traffic through Pulse is QoS tagged. (866135)
4. pulse-other - Pulse downgrades L3 session to machine authentication when the user RDPs to the Windows7 client machine doing 802.1X authentication and Pulse is configured to do machine to user authentication. (884415)
5. uac-other - IC sends CoA/Disconnect message when it receives accounting stop message causing Machine to User login failure. (852392)
6. uac-other - "Anonymous" is still shown as the user name on the NAS device when outer identity name is left blank in Pulse connection settings while doing wired 802.1X. (860965)
7. pulse-other - Pulse does not follow IC's IPSec setting for UDP encapsulation. (847251)

Known Issues/Limitations Fixed in Junos Pulse 4.0R3 Release

1. cs-nc-install-upgrade - Network Connect install fails for restricted user which has Japanese windows username (806049)

2. pulse-connmgr - Pulse does not follow location awareness rule in certain condition when an interface is disconnected. (867114)
3. pulse-installer - Pulse on Mac OSX uninstalls when files in its installation directory are modified for some reason. (875018)
4. pulse-sa-nc-am - In Mac OS X DNS resolver file is not being reverted back to original state after disconnecting pulse session. (865785)
5. pulse-tunnelmgr-ike - Single packet loss observed during Pulse UAC-SoS IPsec VPN Phase 1 soft-rekey causing transient connectivity for some applications. (865264)
6. pulse-tunnelmgr-routing - When the default route matches an excluded route, the default route is deleted when Pulse disconnects on Mac OS X. (874572)
7. pulse-tunnelmgr-routing - On Mac OSX Pulse does not add default route when Split-Tunnel inclusion policy is empty. (874891)
8. pulse-tunnelmgr-routing - On Mac, Pulse fails to connect after power resume. (876127)
9. pulse-ui - In certain scenario for customer, Pulse application does not start the Pulse tray on Mac OSX. (869894)

Known Issues Not Fixed in Junos Pulse 4.0R2 Release

1. pulse-802-1x – When Pulse is connected through a layer 2 authentication and if a Host Checker policy check causes a VLAN change, a Windows XP VMWare image might not renew the IP address and Pulse stays in “Connecting” state. (851291)
2. pulse-connmgr- On a Windows XP machine, if the location awareness rules are configured in such a way as to enforce that the IC connection comes through an SA tunnel then Pulse doesn't establish a connection to the IC.(870614)
3. pulse-connmgr – Pulse Location awareness rule for specific DNS server on physical adapter is evaluated incorrectly when both wired and wireless adapters have same DNS server and wired is disconnected. (870637)

Known Issues/Limitations Fixed in Junos Pulse 4.0R2 Release

1. pulse-802-1x – When Pulse is connected through a layer 2 authentication and if a Host Checker policy check causes a VLAN change, Windows XP does not renew the IP address. (851291)

2. pulse-connmgr – Pulse fails to reconnect when attempting to resume a PC from “Hibernate”. (822203)
3. pulse-connmgr - With DNS load balancer configured, Pulse will not retrieve a new IP list from DNS by clicking on retry button when connection to an invalid IC fails. (840939)
4. pulse-connstore - Pulse connections sets are not getting properly updated on the client. (835361)
5. pulse-installer – In some instances, Pulse fails to upgrade if the previous upgrade required a reboot. (821184)
6. pulse-ive-cm - Pulse users get disconnected after 5 minutes of inactivity in some networks. (853631)
7. pulse-proxy – On some Windows 7 and Windows 8 machines, the Pulse client takes a long time to start. (855362)
8. pulse-sa-nc-am – When Pulse Access Control server performs an access policy change in the middle of a session, the user doesn’t dynamically get access to the resources it should. The end user needs to disconnect and reconnect the Pulse client to get access to the resources. (852332)
9. pulse-tunnelmgr-ike - The IKE Phase 1 soft rekeying doesn't work properly and packets are dropped while rekeying which can result in TCP applications getting disconnected. In this release, the IKE Phase 1 soft rekeying is temporary disabled. After Phase1 lifetime is reached, a new phase1 can be triggered by a tunnel traffic packet or by a persistent tunnel trigger. The gap is small and most TCP applications will stay connected. The IKE Phase 1 soft rekeying is fixed in a later version. (853698)
10. pulse-ive-cm – When the option, “Between endpoints and the Junos Pulse Access Control Service” is not selected, in some instances the IC doesn’t send the list of other ICs in the cluster for Pulse to failover to if needed. (851615)