

Pulse Connect Secure Release Notes

7.4R13.5 Build 38293:
August 2015
Revision 01

This is an incremental release notes describing the changes made from 7.4R1 release to 7.4R13.5. The 7.4R1 GA release notes still apply except for the changes mentioned in this document. Please refer to 7.4R1 GA release notes for the complete version.

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Noteworthy Information:

1. New Pulse Connect and Policy secure license SKU's - With the 7.4r12 release of the MAG Series gateway software, role specific licenses are being introduced in conjunction with the common access licenses. The Connect Secure licenses (CONSEC*) must be used on Junos Pulse Secure Access (SSL VPN) devices/personality only and Policy Secure (POLSEC*) licenses must be used on Junos Pulse Access Control (UAC) devices/personality only. Please refer to the Junos Pulse Ordering Guide and/or Admin Guide for further details. (989280).
2. From 7.4R12 onwards, SA auto reboots if the File system goes into read only mode. (990204)
3. From 7.4R8 onwards, proxy support for clients on Windows will be provided by using the proxy settings configured in Internet Explorer. Juniper Setup Client will no longer retrieve proxy settings configured in the Firefox browser. This applies to client components such as Pulse, Network Connect, Host Checker, Windows Terminal Services, Citrix Terminal Services, WSAM, and JSAM. (907438)
4. Starting from 7.4R8, reserved IP addresses such as 0.0.0.0 cannot be assigned to a Network Connect tunnel. In earlier releases, assignment of such IPs was permitted which would then result in a loss of functionality. (904919)
5. Support for the following platforms and browsers are added in 7.4R7:
 - a. Windows 8.1
 - b. Internet Explorer-11 on Windows 8.1 and Windows 7
 - c. Mac OS – 10.9

6. The Java warning regarding JAR manifest file will not appear when the user accesses the device under the following conditions:
 - a. The CA cert of the device should be imported to the Java store under control panel->Java->Security->Manage certificates->Signer CA under the user store.
 - b. The device is accessed using the CN mentioned in the device certificate.Since this is a security restriction enforced by the Oracle JVM, this warning cannot be suppressed.
7. Starting from 7.4R5, Citrix Desktop Viewer Toolbar has been disabled for Citrix XenDesktop VDI profile or a desktop application through Citrix Listed Applications. However, from 7.4R8 onwards, the Citrix Desktop Viewer Toolbar has been re-enabled for Citrix Xen Desktop.
8. When PCS is configured as an IdP in Gateway mode, i.e when a SAML SSO policy is configured, an option has been added to dictate whether the response from the SAML SP to the browser is rewritten or not. By default, the option is set to rewrite the response from the SAML SP.
9. When launching JSAM on IE, the PCS no longer pops up a dialog to inform users if Java is not installed or if the Java plug-in is not enabled in the browser. Instead IE will display a popup to inform users to install Java.
10. In 7.4R4 and later, web compression resource policies are now configurable on MAG devices. The default setting for the resource policy is to disable compression for all web content
11. HOB applet performance has improved in 7.4R4.
12. ESAP version is now defaulted to 2.5.1

NSM Schema for 7.4 R13

The NSM schema for this software version will not be published.

General NSM Limitation

1. If there is a mismatch between software catalog build version and release build version on the device, upgrading the device using NSM will not work.
2. For example, 6.5R3 schema was published using build 15215 (software catalog version), but subsequently, 6.5R3.1 was released with build 15255. In this case, NSM will not recognize build 15255 as a valid upgradable release. However, if device is manually upgraded to build 15255, since there were no additional schema changes, the device should still be manageable via NSM. (523868)

Known Issues/Limitations fixed in 7.4R13.5 Release

1. Malformed ECParameters causes infinite loop (CVE-2015-1788). (329918)
2. Exploitable out-of-bounds read in X509_cmp_time (CVE-2015-1789). (329883)
3. PKCS7 crash with missing EnvelopedContent (CVE-2015-1790). (329989)
4. TLS issue with PCS server (Finished message) (CVE-2015-5369). (329993)

Known Issues/Limitations fixed in 7.4R13.4 Release

1. A malformed EC private key file consumed via the d2i_ECPrivateKey function could cause a “use after free” condition (CVE-2015-0209). (324910)
2. ASN.1 structure reuse memory corruption fix (CVE-2015-0287). (324904)
3. Maliciously crafted base 64 data could trigger a segmentation fault or memory corruption (CVE-2015-0292). (324926)

Known Issues/Limitations Fixed in 7.4R13.3 Release

This release addresses the POODLE fix when hardware acceleration is enabled. ([PRS-322015](#))

Known Issues/Limitations Fixed in 7.4R13.2 Release

Junos Pulse Secure Access Service device communicates with download.juniper.net for downloading AV live update file and Shavlik Patch Management data using TLSv1 instead of SSLv3 protocol.

Known Issues/Limitations Fixed in 7.4R13.1 Release

1. This release addresses the issue described in the following Juniper Security Advisory:
<http://kb.juniper.net/JSA10648>

Known Issues/Limitations Fixed in 7.4R13 Release

1. aaa-other - The Administrative Network option for Traffic Segregation may fail to be disabled on virtual systems. (921042)
2. aaa-radius - Radius reject messages may not be recorded in the user access log when custom RADIUS rules are configured. (1000605)
3. aaa-saml - SAML metadata element “WantAssertion” is ignored when importing the metadata. (1005071)

4. cs-jsam-other - Incomplete packet information may prevent JSAM from handling response traffic from a protected resource. (892096)
5. cs-nc-enduser - Proxy settings fail to be utilized on IE 11 endpoints when launching VPN Tunneling connections. (949997)
6. meeting-series-enduser - Collaboration attendees may not be able to view shared content. (982235)
7. meeting-series-enduser - Attempting to launch Pulse Collaboration immediately after terminating a session fails. (985666)
8. meeting-series-enduser - The Collaboration client may crash during extended desktop sharing sessions. (987707)
9. meeting-series-other - Proxy credentials must be manually entered when launching Pulse Collaboration. (947793)
10. pulse-other - The Junos Pulse client package may fail to upload. (923029)
11. pulse-other - The custom expression value loginHost fails to be set when logging in through Pulse. (999541)
12. pulse-ui - Custom logo fails to be displayed when logging in through Junos Pulse on iPad. (988093)
13. vdi-enduser - The “Disconnect and logoff” option is greyed out on VMWare View 5.0 sessions. (751346)
14. web-java-sun-jvm - JICA fails to launch published applications on IE. (995198)
15. web-other - DWF files fail to be opened/displayed. (995712)
16. web-other - Lotus Notes fails to be rewritten correctly. (996409)
17. web-other - OWA2010 public folders fail to display. (998884)

Known Issues/Limitations Fixed in 7.4R12 Release

1. cs-nc-other - dhcpProxy may crash if more than 3 DHCP servers are configured. (934779)

2. pulse-other - VPN Tunneling: Enhanced debug log detail for troubleshooting in the client-side logs. (973577)
3. sa-dsagentd - User access log may record incorrect duration and bytes values (typically on VA systems). (973534)
4. system-console - Password protection can be enabled from the console without an administrator being set to have console access. (958197)
5. system-licensing - Renewal licenses may show as active/usable even without an installed subscription license. (996581)
6. system-licensing - Auto-leasing may not work with subscription licenses. (997050)
7. system-licensing - License server and license clients may experience a memory leak. (997689)
8. system-licensing - License client names with a comma (',') in the name cannot be deleted from the license server. (999238)
9. system-licensing - Incorrect maximum concurrent users value shows on license page after removing license server license. (1000071)
10. system-watchdog-kernel - CPU usage may reach 100% when ACE authentication is configured. (940700)
11. system-webserver - If a socket is closed incorrectly from a VPN Tunneling client to the server, the web daemon may fail on the server. (934402)
12. system-webserver - The Host Checker daemon may not close sockets correctly during a user disconnect. (1002767)
13. web-other - VPN Tunneling auto-launch enabled causes the iOS browser to hang at "Please Wait...". (971354)
14. web-other - Unable to edit, check in, or check out Office documents in Sharepoint 2010 via rewriter. (978712)
15. web-selective-rewrite - Origin header may be rewritten incorrectly using Safari (desktop and client). (990583)
16. web-selective-rewrite - Javascript function using ".caller" may not be rewritten correctly. (993129)
17. web-selective-rewrite - NetWeaver may not rewrite correctly. (998065)

Known Issues/Limitations Fixed in 7.4R11.1 Release

1. This release fixes the issue described in [JSA10629](#). For more detailed info please refer [KB29195](#). (999726)

Known Issues/Limitations Fixed in 7.4R11 Release

1. aaa-active-directory - Role mapping rules based on group membership may match incorrectly when using an AD/NT server instance with LDAP group search enabled if multiple rules share matching initial group name patterns (e.g. VPN-Group and VPN-Group-RDP). (977889)
2. aaa-local - If the system local server instance is used with password management enabled AND the password change is at 8712-9999 days, the password change constantly fails and user is unable to login. (973412)
3. aaa-saml - Importing SAML metadata from the IDP without HTTP-Direct binding enabled may fail. (984983)
4. clustering-other - A physical SA may boot incorrectly as a Virtual Appliance and fail to run the required boot scripts if all admin users are deleted from the .Administrators server instance. (969212)
5. cs-nc-enduser - Logging in from the Network Connect mini-browser on Windows 8.1 results in incorrect client OS being reported. (964979)
6. endpointintegrity-others - Host Checker fails to correctly detect XP SP2+ Windows firewall status. (954701)
7. pulse-eap - Sign-in notification button detail missing from custom pages. (976039)
8. web-html - The “backgroundImage” attribute is not rewritten correctly. (970920)
9. web-javascript - Ajax controls fail to auto-load when accessed via Safari. (980997)
10. web-other - Attachments fail to upload using Lotus Notes 8.5.3 ActiveX control. (951953)
11. web-other - URL attributes set to https:// may rewrite incorrectly. (960637)

Known Issues/Limitations Fixed in 7.4R10 Release

1. cs-jsam-enduser – JSAM log upload fails with Java 7 update 51. (960853)
2. cs-nc-enduser - Network Connect Client Check option on the client may be initialized erroneously. (962767)
3. cs-nc-ike - IKEv2 connections may leak memory during authentication and retransmission timeouts. (955449)
4. endpointintegrity-others - In the event of OPSWAT license failure, a message will be recorded in the client-side log. (960205)
5. meeting-series-enduser - Carriage returns are added to every line in the Pulse Collaboration email invitation, which may cause users to fail login when clicking on links to join the session. (952322)
6. meeting-series-other - Session details might be written twice, preventing the Junos Pulse Collaboration session from being created. (958117)
7. msp-admin - SA SPE running with VMware tools seen as out-of-date. And VMWare Tool version is updated to 9.4.0 (963992)
8. pulse-mobile-ui - The "Continue" button may not respond to "presses" through an iOS device. (893711)
9. sa-sbr - New PIN mode may trigger a failure of the RADIUS processing for user authentication. (949672)
10. system-other - Leased licensing may leak memory for license clients. (927473)
11. web-other - Kerberos authentication to backend resources may crash the rewrite engine. (929942)
12. web-other - OpenSSL library call may cause a rare crash (939666)
13. web-other - Attachments may fail to upload to Lotus Notes 8.5.3 with ActiveX installed. (951953)
14. web-other - After upgrading the SA, IE 9 may not download the new Javascript files if a version is already cached (956917)
15. web-other - The rewriter is incorrectly modifying a resource which uses the string "https://". (960637)

16. web-other – Rewriting a blank request “https://” is breaking the sharepoint page (961869)
17. web-ntp-other - Passthrough proxy fails to handle custom URL string. (945442)
18. web-selective-rewrite - If "/" is encoded as "&frasl" the rewritten URL may fail to display properly. (950818)
19. web-supportedapps - If the web server fails to send a chunk-size line, the rewrite daemon may fail (961761)
20. win-term-svcs-admin - When the Citrix client is hosted on the IVE, a user that does not have the Citrix client installed will now see the following message "The Citrix Client is not installed on your computer. Please click the button below to download and install the Citrix client". (977630)
21. win-term-svcs-enduser – On Windows, Juniper clients (Host Checker, WSAM, Network Connect, Terminal Service, etc) fail to download proxy .pac files if the server is configured with a non-standard (80, 443) port (958557)
22. win-term-svcs-other - Windows Terminal Services is not launching from IE with language set as Italian. (950590)

Known Issues/Limitations Fixed in 7.4R9.3 Release

Includes fix for both server and the clients. Refer to [JSA10623](#). For more detailed info please refer [KB29004](#).

Known Issues/Limitations Fixed in 7.4R9.2 Release

Includes fix for the NC-FIPS client. Refer to [JSA10623](#). For more detailed info please refer [KB29004](#).

Known Issues/Limitations Fixed in 7.4R9.1 Release

This release fixes the issue described in [JSA10623](#). For more detailed info please refer [KB29004](#).

Known Issues/Limitations in 7.4R9 Release

JSAM: Log upload fails after installing JRE 1.7.0_51 (Java 7 update 51) due to security warning.

Known Issues/Limitations Fixed in 7.4R9 Release

23. cs-nc-ike - If an SA-initiated key exchange for IKEv2 times out, the retransmitted message is missing the NAT ESP marker, causing the packets to be dropped. (882665)
24. cs-nc-ike - IKEv2 sessions get disconnected abruptly. (935862)
25. endpointintegrity-admin-ui - Deleted Host Checker policy is not removed from the Host Checker policy display without manual refresh. (952733)
26. endpointintegrity-esap - Clicking on ESAP link on Host Checker main page is always displaying list of products supported by active ESAP rather than the ESAP version selected. (952683)
27. endpointintegrity-esap - Admin user is not warned when a sub-default ESAP package is activated. (953541)
28. endpointintegrity-opswat - The Antivirus product Super Security Zero 16.x fails to pass the number of updates check.. (944660)
29. endpointintegrity-opswat - Users fail to pass ESAP-based Host Checker policies with a client date >= 31 Dec 13 with ESAP older than 2.5.1. (952926)
30. endpointintegrity-others - Host Checker crashes if IE has a proxy .pac file configured on Czech-based Windows OS. (838583)
31. ifmap-client - Memory leak due to not clearing up the internal Fed Client session database (923660)
32. pulse-installer - If the installation of Pulse is corrupted on an endpoint, users will be prompted to upgrade their Pulse client even though "Enable web installation and automatic upgrade of Junos Pulse Clients" is disabled." (900370)
33. pulse-installer - Launching Network Connect or Junos Pulse triggers a JuniperSetupClient loop if delivered via Java. (929886)
34. system-other - On the SA overview page the graphs for VPN Tunnel users and Hits per second might show extremely "large, incorrect" values. (923254)
35. system-other - Custom log filter displayed all dates if the filter only modified the date (null query value) rather than custom date range. (939534)
36. uac-admin - Custom signin page upload fails due to pleasewaitObject variable missing from "Logout.thtml" in the custom sign-in page sample. (925054)
37. web-encoding - Rewriting fails due to incorrect handling of Unicode Hexadecimal characters. (946820)

38. web-html - Printing fails on a rewritten page due to not rewriting Microsoft.Reporting.WebFormsClient._InternalReportViewer parameters. (942158)
39. web-other - User is unable to load a SAP site using HTML5 and Kendo Controls due to the incorrect rewriting of the sap.ui.getCore file. (936312)
40. web-other - If the URL string contains '#' the rewrite process drops the string. (946720)
41. web-other - After upgrading to Java 7 update 51, HOB applet and SSH clients are blocked and end users are receiving a dialogue box "Application blocked by Security Setting" message. (955065)

Known Issues/Limitations in 7.4R8 Release

1. In Secure Virtual Workspace, copy/paste between applications on 64-bit Windows 7 has been fixed in 7.4R8. However, copy/paste from and to the MS-DOS prompt will not be supported. (902566)
2. From 7.4r7 onwards, when launching Secure Meeting, the user will be prompted for credentials when connecting through a proxy that requires authentication.

Known Issues/Limitations Fixed in 7.4R8 Release

1. cs-wintermservices-enduser – Terminal Services bookmarks configured to use HOB applet fail to work when client side browser is configured to use HTTP proxy with authentication enabled. (893879)
2. cs-nc-enduser - Auto Launch of Network Connect is not happening in Windows 8.1 (916984)
3. cs-nc-install-upgrade - Unable to download client components with Firefox using 17.0.7 browser with Java-7 update 25 when using an authenticating proxy. (907438)
4. cs-nc-other - Network Connect is unable to reconnect after waking from sleep on Mac 10.8. (893170)
5. cs-wsam-other - WSAM UI uses Traditional Chinese instead of Simplified Chinese for Windows 7(Simplified Chinese) (937176)
6. endpointintegrity-ees - Bookmarks page fails to load after EES check completes. (926262)

7. endpointintegrity-remediation - Kill Processes is not working when configured as a remediation action in Host Checker. (933574)
8. endpointintegrity-svw – In Secure Virtual Workspace, copy/paste between applications on 64-bit Windows 7 does not work. (902566)
9. ifmap-client – In certain instances, user sessions exist on the IF-MAP server after user has logged out. (936017)
10. meeting-series – Unable to launch Pulse Collaboration via Java delivery. (948184)
11. pulse-other - Pulse client pops up the credentials window after the user signs out from the browser. (879298)
12. secure-terminal-other - After upgrading to JRE 7 Update 25, end users are receiving "An unsigned application from the location below is requesting permission to run" from Java for SSH. (915552)
13. sysmgmt-xmlimport - XML export fails on Virtual Appliance SA with traffic segregation enabled. (886094)
14. system-dmi-config - The netconf reply is missing the message-id, causing RFC-compliant netconf clients to fail. (936325)
15. system-licensing - Licensing server UI is displaying configured clients incorrectly. (928116)
16. system-network - If an active/passive cluster is removed, the VIP cannot then be accessed when assigned to another port on the system. (911776)
17. system-other - The dsagentd process crashes when the SA receives an invalid DNS response. (917969)
18. system-other - Enabling of periodic archival of debug logs fail. (922629)
19. vdi-enduser - Citrix Desktop Viewer Toolbar does not appear when running Citrix XenDesktop VDI profile. (945437)
20. vdi-other - Virtual Desktop client fails to launch through Italian IE browser. (935791)
21. web-other - Custom SAP application fails to connect due to incorrect applet URL rewriting. (918534)
22. web-other - Client rewriting fails a custom Javascript 'showModalDialog' with object as the first argument rather than the native call that uses the first argument as a string. (938133)

23. web-supportedapps - Multiple file upload to Sharepoint site through rewriter is not working. (913330)

Known Issues/Limitations in 7.4R7 Release

1. asg-cs-nc-install-upgrade - Download of client components using Firefox-17.0.7 and Java-7 update 25 fails when authentication proxy is configured. (907438)
2. asg-endpointintegrity-remediation – Action of killing of process during Host Checker remediation fails on Mac OS. (933574)
3. asg-cs-nc-other - Host Checker fails to launch on the Mac when logging in from the Network Connect application after installing JRE 7. In order to launch Host Checker, login must be done through Safari. (920939)
4. asg-web-admin – Admin UI arrow-based navigation is not supported from Safari on Mac OS 10.9 (896854)
5. asg-cs-jsam-enduser - Terminal Service bookmarks configured to use HOB applet fail to launch when an authenticating HTTP proxy is configured on the client browser.(893879)
6. asg-web-javascript - "Bookmark opens new window" functionality opens up in a new tab instead of a new browser window on IE 10 and on Safari on Mac OS X 10.9 (940315)
7. asg-meeting-series-enduser - On Mac 10.9, for Pulse Collaboration to launch successfully, user needs to modify Safari preferences for Java plug-in (Security tab / Internet plugins: manage website settings, select Java plugin) specifically for SA URL to 'Run in unsafe mode'. (911545)
8. asg-cs-jsam-enduser - On Mac 10.9, for JSAM to launch successfully, user needs to modify Safari preferences for Java plug-in (Security tab / Internet plugins: manage website settings, select Java plugin) specifically for SA URL to 'Run in unsafe mode'. (922721)
9. asg-cs-nc-enduser - On Mac 10.9, Network Connect does not install via Safari. The workaround to select the option "Run in Unsafe Mode" and use Firefox to install Network Connect. After installation, user can launch Network Connect via Safari. (899517)
10. asg-cs-jsam-enduser - On Mac, after a session has expired, user signs in again using the New Window option on JSAM. JSAM continues to display the "Expired" status instead of "OK" status. (932107)
11. asg-win-term-svcs-enduser - Premier RDP Applets or HOB Applets with 8-bit color depth doesn't work on Mac Books with Retina Displays. This is a third party issue. The workaround is for administrator or user (if through RDP launcher) to configure color depth to 16-bit or 32-bit. (932856)
12. asg-cs-nc-enduser – Network Connect diagnostic test fails when launched in MAC 10.9. (920148)
13. asg-win-term-svcs-admin - For Citrix client download Page under terminal services options section, the 'Enable Remote desktop lanucher' radio button does not get hidden when the user unchecks it. This happens only on IE11 browser (927161)
14. asg-ui-admin - In the Admin UI, in the User Roles->Role->General->'Session Options' page, on each page load/refresh, under the "Roaming Session" subsection, the options for "Limit to subnet" don't get hidden, when "Limit to subnet" option is selected and then unselected. This happens only on IE11 browser (927176)

15. asg-ui-admin - In the Admin UI, in the System->Configuration->Licensing page, on each page load/refresh, the expand/collapse button to show and hide licenses stop working after using once. This happens only in IE11 browser (927228)
16. asg-cs-jsam-enduser - On Windows 8, a new IE browser window is opened when JSAM launches. This is an IE-10 issue. (915262)
17. asg-cs-nc-enduser - On Windows, if ActiveX is disabled and Host Checker is enabled in realm/role, Network Connect fails to launch from the minibrowser. (915501)

Known Issues/Limitations Fixed in 7.4R7 Release

1. cs-jsam-other - Java7 update 45 displays a warning that the Juniper application will be blocked in the future because the JAR manifest file does not contain the permissions attribute. (931822)
2. cs-nc-enduser - Warning messages come up stating that JAR file manifest does not contain the permissions attribute when using Java7 update 45 on Mac OS. (932519)
3. cs-nc-enduser - Installation of Network Connect on Linux pops up a yellow warning message when using Java 1.7 Update 45. (933673)
4. cs-nc-other - Due to changes in the JDK, Network Connect stand-alone client upgrade fails on Mac OS. (914556)
5. endpointintegrity-install - Java 7 update 45 displays an error regarding missing manifest. (933792)
6. web-other - Java manifest file incompatible with security checks with Java 7 update 45. (933138)
7. win-term-svcs-enduser - When using Java to launch the Windows Terminal Services access mechanism on a client that is running Java7 update 45, user will see a warning message. (932422)

Known Issues/Limitations Fixed in 7.4R6 Release

1. aaa-admin - Invalid authentication server entries may not be removed correctly during upgrade. (894382)
2. aaa-client-cert - Launching Network Connect on a realm with certificate restrictions may trigger web server error messages in the events log, preventing user login and tunnel setup. (922623)
3. aaa-saml – Custom expression in role mapping rule fails to be created when using the 'samMultiValAttr' in the expression. (922797)
4. cachecleaner-end-user - Cache Cleaner may delete required system files when executed via Pulse if empty registry values are encountered. (910987)

5. cifs-other - File browsing using IE 11 is not supported. (923877)
6. cs-jsam-enduser - JSAM fails to launch from IE 11. (923979)
7. cs-jsam-other - Right click on JSAM window elements may not display properly on Win 8.1. (909897)
8. cs-jsam-other - Support for IE11 added for JSAM applet. (924114)
9. cs-nc-enduser - Certificate checks in realms with variable 'certAttr.altName.IPAddress' populates ipaddress in reverse order for Network Connect adapter. (916625)
10. cs-nc-enduser - Network Connect fails to auto-launch using IE 11 on Windows 8.1. (916984)
11. cs-nc-install-upgrade - Local Network Connect installation may fail with error code 24060 if the folder holding the installer has spaces in the name. (908497)
12. cs-nc-other - Proxy PAC file may be delivered incorrectly from an IVS. (915303)
13. endpointintegrity-ees - EES does not install through the Pulse interface on Spanish XP. (864153)
14. endpointintegrity-loginflow - IE 11 on Windows 8.1 is not detected properly for client component launches. (918760)
15. endpointintegrity-others - Host Checker does not launch successfully with IE 11 on Windows 8.1. (907853)
16. endpointintegrity-others - Predefined OS check rule in Host Checker doesn't list Windows 8.1. (922885)
17. endpointintegrity-shavlik - Host Checker may loop when doing patch management (Shavlik) validation. (912188)
18. juns-ax-java-installer - Java 7 Update 45: Java 7 update 45 may report Juniper application components as "Unknown" due to missing manifest file definitions. (931408)
19. juns-installer-svc-plugin - Pulse fails to launch via IE 11 on Windows 8.1. (905511)
20. meeting-series-enduser - If the SA timezone is set to "Atlantic Time (Canada)" the iCal attachment for Pulse Collaboration invites will be off by 1 hour. (887021)
21. meeting-series-enduser - Secure Meeting/Pulse Collaboration does not properly display UAC elevation prompt. (889815)

22. meeting-series-enduser - Fatal application exit error may be observed when sharing the desktop using Pulse Collaboration. (897875)
23. pulse-ic-am - Pulse may continually retry to authenticate after session expiration. (928749)
24. pulse-other - Large sign-in notifications may prevent Pulse VPN tunnel setup. (868563)
25. pulse-sa-nc-am - On XP clients, DNS access fails unless the DNS client service is restarted. (881890)
26. sysmgmt-snmp - SNMP traps related to archiving credentials or user permissions are mislabeled. (914051)
27. system-admin - The context menu of the admin UI is not seen when the guidance tab is opened in IE11. (912475)
28. system-digital-cert - When generating a new CSR of type ECC with either p-256 or p-384 curves, after clicking on create, the next screen under CSR incorrectly shows key size as 1024 bits. The CSR is a valid one with the appropriate curves. (909640)
29. system-digital-cert - No UI information was present when doing CSR creation on FIPS units; this can take 10+ minutes. (930282)
30. system-other - Admin interface is not displayed properly with IE 11. (909879)
31. system-other - dsagentd process may fail due to invalid reference. (913064)
32. system-other - Search for user-ids in the active users tab in the admin UI is case-sensitive. (921186)
33. system-webserver - dsnetd may fail during a MAG upgrade if the external and/or management ports are disabled. (859959)
34. ui-enduser - Fonts and objects are not in the correct relative sizes for iOS 7 devices. (930483)
35. vdi-other - Virtual Desktop profile does not accept passwords with ">" and "<" symbols. (914557)
36. web-admin - Rewriting of location object may fail. (910193)
37. web-html - Javascript or VisualBasic timeout check may be rewritten incorrectly and trigger continual refresh. (910628)

38. web-html - Content intermediation may fail due to invalid Javascript parsing with IE 11. (921085)
39. web-JavaScript - Kendo control framework may not rewrite or display properly. (918717)
40. web-other – The following ‘date time format’ in cookie expires header were missing.
- ```
expires=Friday, 08-Jan-99 13:00:00 GMT;
expires=Sun, 07 Jun 2000 00:02:03 GMT;
expires=Thu Feb 3 17:03:55 GMT 1994;
expires=Thu Feb 3 00:00:00 1994 GMT;
expires=2001-01-31T11:00:11;
expires=Friday, 08-Jan-99;
expires=Sun, 07 JUN 2000 (892822)
```
41. web-other - Rewriting of a POST that references standard unrewritten link and rewritten link in the same request may fail. (896197)
42. web-other - Rewrite server may fail when accessing http://mailto: links. (910911)
43. web-other - Rewrite access fails if the web server fails to send content-type header . (913151)
44. web-other - Java applet launch may fail with IE 11 on Windows 8.1. (916815)
45. web-other - JIRA access via Firefox may fail when creating a new document. (918968)
46. web-other - IE11 user agent is not recognized as valid browser. (924358)
47. web-ptp-other - The floating toolbar may load without image files when using passthrough proxy on Windows 8.1. (922706)
48. web-selective-rewrite - Maximo web application failed to load Asset viewer. (909229)
49. web-selective-rewrite - Javascript permission errors are presented when accessing custom web application using Windows 7 and IE 9. (919125)
50. web-supportedapps - Lotus Connection 3.0 gives script error when user clicks "Blogs" under Apps tab. (908396)
51. web-supportedapps - Lotus Connection 3.0 gives Javascript error when user clicks "Latest entries" under Apps tab. (908664)
52. web-supportedapps - Lotus Connection 3.0 gives Javascript error when user clicks “Add Entry” field in My Activities. (909024)

53. win-term-svcs-enduser - Premier Java RDP applet fails to launch on Windows 8.1 (with and without pop-up blocking enabled). (914012)
54. win-term-svcs-enduser - Terminal service (RDP and CTS) clients may fail to launch on Windows 8.1. (921246)

## **Known Issues/Limitations Fixed in 7.4R5 Release**

1. aaa-radius - ACE Authentication New Pin Mode text is translated incorrectly when the end-user localization is French (897498)
2. aaa-saml - iOS users are unable to perform SAML SSO to backend resource through the rewriter. (879397)
3. cs-nc-other - If one or more sign-in URLs are configured with GINA and GINA is not configured for the default sign-in URL, an attempt to bring up an Network Connect-GINA tunnel fails if there was a reconnect in the previous Network Connect-GINA tunnel instance. (880539)
4. cs-wsam-admin - WSAM is not resolving destination by FQDN when IVE domain list contains 2 domain names, separated with comma and space (906620)
5. endpointintegrity-install - All Host Checker components are not digitally signed. (900882)
6. logging-filter - User Access Log filter query returns an error when more than 4 IDs are queried. (890693)
7. logging-other - WebRequestCompleted log doesn't display when server responds with a 304 HTTP response code. (895599)
8. meeting-series-other - An email gateway doing MIME verification may reject the Junos Pulse Collaboration invitation if each line is terminated by "\n" instead of "\r\n". (880902)
9. meeting-series-outlook - Junos Pulse Collaboration invitation mails sent using Outlook plugin do not show server-generated password. (886136)
10. pulse-proxy - With Split tunneling enabled, Pulse fails to create a merged proxy.pac file if client-side proxy pac file is present and server proxy is not present. (898657)
11. sysmgmt-archiving - Archiving of System and User configuration fails if the password for the configuration file contains certain characters. (876801)

12. system-bkmrk-import-export - XML import of hosts into an IVS that does not have IVS root related information caused the import to fail. (860353)
13. ui-enduser - Browsing toolbar displays Juniper Networks logo instead of the logo that is uploaded by SA admin (876199)
14. web-encoding - Web bookmark page title string is garbled when “add bookmark” operation is done and the title has multibyte character. (866782)
15. win-term-svcs-enduser - Licensing in terminal server related error occurs when terminal service bookmark tries to connect the server inside Secure Virtual Workspace. (855496)
16. win-term-svcs-other – Multiple monitors could not be used with Citrix Listed Applications due to Citrix Desktop Viewer Toolbar being enabled. (897134)

### **Known Issues/Limitations in 7.4R4 Release**

1. On Mac, the Citrix application will launch successfully but only after user clicks ok on JavaScript error dialog.

### **Known Issues/Limitations Fixed in 7.4R4 Release**

1. cifs-other - Files with Chinese file names were not getting downloaded via rewriter. (853956)
2. clustering-active-passive - In Active/Passive Cluster during watchdog restarts VIP failure is not happening. (886051)
3. cs-nc-enduser - Some of the Network Connect components need to be digitally signed. (867098)
4. cs-nc-other – Network Connect fails to connect if one of the nodes in the cluster reboots when a PAC file is configured on SA. (879529)
5. endpointintegrity-install - On launching any client components users get a "Block potentially unsafe components from being run" security warning message from Java7 Update 21 and Java6 Update 45. (880320)
6. endpointintegrity-install - JuniperSetupClient Active-x Add-on fails to download on IE with Host Checker on 7.4Rx with Italian Browser Localization. (883838)
7. endpointintegrity-install - hcimc.dll in OAC Host Checker is not getting signed. (890043)

8. endpointintegrity-loginflow - Connecting to a pre-7.2 SA with OAC 5.4+ installed yields "Http:NAR:dsHostChecker.exe - Entry Point Not found" error message. (864106)
9. endpointintegrity-others - Virus definition check failing for certain Anti-Virus products even if the endpoint has virus definition files that are up to date. (833417)
10. logging-admin - If detailed rules are modified in the SAM, File and Web resource policies, the changes to the resource policies are not logged in the admin access logs. (876448)
11. logging-filter - Log filter fails to display values correctly in some instances. (895263)
12. pulse-other - Pulse does not follow IC's IPSec setting for UDP encapsulation. (847251)
13. pulse-other - Policy trace captures log related to blank user. (880221)
14. 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)
15. pulse-secure-meeting - MacBook with retina display users are unable to share desktop using Junos Pulse Collaboration. (850750)
16. sysmgmt-mgmtport - Virtual SA does not "send AAA traffic out of the Management Interface" for Pulse client when Send AAA traffic via Management interface is enabled. (873149)
17. system-debugging - The command tool "Traceroute" via external port on SA700 doesn't work. (859581)
18. system-other - Admin UI displays FIPS license purchase information. (859946)
19. system-other - SA device intermittently generating radius core dumps due to New PIN. (875244)
20. system-webserver - Web server crashes on SA6500 FIPS and authorization only URLs. (845866)
21. web-html - VMware View Remote Desktop Connection is getting disconnected via rewriter. (886755)
22. web-other - Observed a memory leak in the TNCS process when processing certificates with "subject alternative names". (846344)
23. web-other - On Mac, Citrix clientless access is not working via rewriter. (868243)
24. web-other - Apple iTMS-based links were not getting rewritten properly (873683)

25. web-other - Client side rewriter issue with URLs containing query parameters. (881861)
26. web-other - On rewriting, when prelude is added in a CDATA section, it creates nested CDATA and breaks XML page. (886156)
27. web-webproxy - Host headers with pre-populated ":443" are not handled properly. (882688)
28. win-term-svcs-other - Random disconnects of CTS with Windows 8 is observed when connected with low wireless signal. (879345)
29. win-term-svcs-xml-import-export - XML import of terminal-services policy blocks access until 'Save Changes' is clicked in the Terminal Services resource configuration page of the Admin UI. (871892)

### **Known Issues/Limitations Fixed in 7.4R3 Release**

1. aaa-client-cert - SA is not able to send LDAP traffic to LDAP-CDP server configured through a port other than the default port 389 (857691)
2. aaa-client-cert - Certificate authentication fails with "Reason: Wrong Certificate" when CRL checking is enabled. (872255)
3. aaa-ldap - LDAP Search resulting in one or more entries during BaseDN and Filter verification was reported as an error in Admin UI. (873329)
4. aaa-local - Appropriate error message is not being displayed for the end user during the user login failure in case when a user password expired or needs to be modified but Password Management is not enabled or the user doesn't have enough permission to change his password. (818085)
5. aaa-other - SA host modifies the domain cookie to remove the domain. (864553)
6. aaa-saml - If SAML IDP metadata is fetched from a remote location then the fetch operation fails. (847760)
7. cifs-other - If access to a Windows file share is permitted from a user account that has no password setup then this access is blocked when going through the SA's file browsing access mechanism. (839007)
8. cifs-other - Upload to Windows 2012 file shares fails. (856162)
9. clustering-active-passive - Cannot assign previously used A/P cluster VIP IP address as Virtual Port IP after deleting the cluster. (862628)

10. clustering-install-upgrade - A factory reset SA is unable to join a cluster via console configuration. (836546)
11. cs-jsam-enduser - On launching or exiting JSAM, users get a "Block potentially unsafe components from being run" security warning message from Java7 Update 21 and Java6 update 45. (878390)
12. cs-nc-enduser - Only Windows 8 Professional users, intermittently get "nc.apps.windows.23712" error while launching Network Connect. (842932)
13. cs-nc-enduser - Network Connect diagnostic tool incorrectly reports that the tunnel is up even when the tunnel is down. (855458)
14. cs-nc-ike - If IKE response packets originating from the client are duplicated, IVE does not handle it properly. (865071)
15. cs-nc-install-upgrade - With Network Connect client check option enabled, users are unable to install/start Network Connect. (866688)
16. cs-nc-other - Domain user on a Linux 64 bit machine fails to launch Network Connect through browser. (826549)
17. cs-nc-other - When an A/P VIP cluster failover occurs, Network Connect sometimes connects in SSL rather than ESP. (862864)
18. endpointintegrity-custom-check - Host Check policy for Custom:File fails when multiple MD5 checksums are listed. (857365)
19. endpointintegrity-custom-check - On Mac OS, Host Checker Process rule evaluation fails if full process path is configured. (874606)
20. endpointintegrity-custom-check - The Host Checker file check process on 64bit Windows platform always look in to <%ProgramFiles(x86)%> directory for the files. (874824)
21. endpointintegrity-loginflow - Connecting to a pre-7.2 SA with OAC 5.4+ installed yields "Http:NAR:dsHostChecker.exe - Entry Point Not found" error message. (864106)
22. endpointintegrity-shavlik - Patch policy fails on an upgrade of A/P cluster with Patch management enabled (860746)
23. endpointintegrity-svw - Secure Virtual Workspace session closes right after launching if the interval to perform Host Checker check is set to 0 in "Perform Check every " field. (830172)

24. endpointintegrity-xml-import-export - XML export of an IVS causes an error message to be displayed; the export succeeds despite the error message. (870492)
25. fips-other - Client certificate authentication fails with keys larger than 2048 bit on FIPS appliances. (865199)
26. ifmap-client - During an IF-MAP Server cluster VIP fail over event, the SSL VPN device will unexport any Network Connect users and cause loss of network access to protected resources. Junos Pulse users are unaffected. (868082)
27. juns-ax-java-installer - On launching any client components users get a "Block potentially unsafe components from being run" security warning message from Java7 Update 21 and Java6 Update 45. (877058)
28. pulse-connmgr - WINS address is added as DNS server field instead of WINS field. (863530)
29. pulse-ive-cm - There is a Mac Pulse deadlock issue. (869205)
30. pulse-other - Pulse is unable to run session start/stop scripts from a network share accessible through the tunnel. (836377)
31. pulse-other - Active TCP connections do not terminate on Mac OS X when Pulse connects with split tunneling set to disabled and route precedence is set to endpoint. (866996)
32. sysmgmt-other - In an A/P cluster, if the active node experiences kernel lockup and mounted as read-only, the failover did not occur. (863757)
33. sysmgmt-snmp - SNMP agent might restart if there are VPN users connected to the SA. (859334)
34. sysmgmt-snmp - Snmpwalk might fail on an SA6500 and SA6000 (FIPS). (873373)
35. system-other - Under heavy load, SA enters an unrecoverable state. (862107)
36. vdi-other - SA fails to retrieve desktop list from VMware view 5.2 connection server. (869735)
37. web-html - The hidden button on the secondary login page is visible on Android device. (868167)
38. web-html - VMware View application (RDC) with HTML5 does not work through rewrite on Firefox Browser, works on IE. (874800)
39. web-javascript - Script error seen in JavaScript rewriter. (859594)
40. web-other - A blank Sametime web chat window opens when accessed through rewriter. (854588)

41. web-other - CDATA content is not processed via rewriter for customer web application. (858818)
42. web-other - IVE Toolbar with IFrame enabled was not working in IE. (859988)
43. web-other - When using authorization URL, the backend server hostname is truncated when using a non-standard port. (869204)
44. web-other - User is unable to access few links in SAP portal via Rewriter through IE9. (875311)
45. web-selective-rewrite - Custom web application shows error message when accessed through rewriter. (864233)
46. web-supportedapps - User is unable to save files to SharePoint when accessing through the IVE using Windows 8. (783399)
47. win-term-svcs-enduser - When a user launches Windows Terminal Services from a Windows 8 client connecting over Wireless network, the user experiences frequent disconnect and reconnect to the Windows terminal services (842547)
48. win-term-svcs-other - When using multi-valued attributes for a RDP bookmark, the values are not received correctly to create unique bookmarks (553348)
49. win-term-svcs-other - Single Sign On fails for Citrix Virtual Desktop if the username has space in them. (860980)
50. asg-uac-admin - Realms with the apostrophe character cannot be assigned to a sign-in policy. (858472)

## **Known Issues/Limitations Fixed in 7.4R2 Release**

1. aaa-ldap - Cgi-server crashes in some corner case with iPlanet LDAP Server when a password change attempt fails due to a password policy other than the default password policy("cn=Password Policy,cn=config"). (845370)
2. aaa-sign-in-pages - On the iPhone, the username and password fields are invisible on the secondary login page. (827376)
3. cifs-bookmarks - If a bookmark imported through XML import is duplicated, the new duplicated bookmark will contain the wrong link and link back to the first bookmark. (839489)



4. cs-nc-ike – When using an IKEv2 connection, the IVE may send Malformed ISAKMP packets in an environment with high latency and packet loss. (797140)
5. cs-nc-install-upgrade - The versionInfo.ini file for Network Connect is not been copied during the upgrade process. (799743)
6. cs-wsam-admin - Delete confirmation message displays a different WSAM allowed server(s) entry other than the one being deleted. (833643)
7. cs-wsam-dmi-config - Incorrect SAM ACL created when WSAM policy is pushed using netconf. (840066)
8. endpointintegrity-loginflow – When launching Host Checker from the browser, if the host check fails and the user is taken to the remediation page where the user clicks “Try Again”, the launching of Host Checker might fail. (786704)
9. endpointintegrity-others – In Firefox 19.x version, if Host Checker is configured, HC installs and runs successfully, however the authentication process gets stuck and the user is not redirected to the bookmark page. (865613)
10. fips-other – When renewing the SSL certificate of a FIPS device, the user is presented with the self signed device certificate instead of the newly renewed one. (845446)
11. juns-other - Host Checker prevents Network Connect from closing when the session is terminated via web on Mac OS 10.6. (830445)
12. juns-other - Host Checker fails to reinstall and launch when JuniperSetupDLL.dll is not present in the system. (837482)
13. juns-other - With IE 9, Host Checker may not launch due to stale JavaScript content on the client after upgrade from pre-7.2 to 7.2 or later. (838625)
14. log-upload-java-client – With Java 6 update 39 and greater, JSAM window does not close when the session ends. (860840)
15. logging-filter - User access logs couldn't filter a Korean letter for both role and realm name. (839315)
16. meeting-series-other - An email gateway doing MIME verification may reject the Junos Pulse Collaboration invitation due to invalid MIME parsing. (843617)
17. pulse-connstore - Pulse connections sets are not getting properly updated on the client. (835361)
18. pulse-dsagentd - In some instances, Pulse server side process crashes during re-keying of Pulse ESP sessions. (843922)
19. pulse-installer – In some instances, Pulse fails to upgrade if the previous upgrade required a reboot. (821184)
20. pulse-ive-cm - Pulse users get disconnected after 5 minutes of inactivity in some networks. (853631)

21. pulse-proxy – On some Windows 7 and Windows 8 machines, Pulse client takes a long time to start. (855362)
22. 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)
23. sa-sbr - When a user logs onto the SA that has a certificate restriction or certificate authentication configured then a process on the SA can go into an infinite loop if the following conditions are met:
  - a. The realm you are signing into has a certificate restriction or is configured for certificate authentication.
  - b. The client you are using is OAC or Pulse 3.0 or earlier.
  - c. There is no certificate on the endpoint that the client can select. (867048)
24. sysmgmt-dmi-agent - The user role options for terminal services profile is not set if the profile is created through DMI. (842374)
25. system-digital-cert - Import fails for device certificate missing CN attribute. (840940)
26. system-other - Data URI schemes aren't get rewritten properly, causing high CPU utilization on SA. (825068)
27. web-other - Sametime IM with iNotes 8.5.3 FP1 integration will not work through core access. (821438)
28. web-other - A custom web-based application failed to render properly in IE 9. (838202)
29. web-other - The editor and toolbar options are not displaying on the web page Dojo toolkit via the rewriter. (843076)
30. web-other - Search button on the webpage is showing a blank result page when accessed through rewriter. (852578)
31. web-other - Custom application does not load properly via rewriter (852702)
32. web-other - Certain attribute functions are not getting rewritten. (852843)
33. web-selective-rewrite – The background of the web page is not visible via the rewriter. (848637)