

# Juniper Networks Secure Access Release Notes

IVE Platform Version 7.4R4 Build # 26411

This is an incremental release notes describing the changes made from 7.4R1 release to 7.4R4. 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 Changes:**

1. When SA 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.
2. When launching JSAM on IE, the SSL VPN 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.
3. 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
4. HOB applet performance has improved in 7.4R4.

## **NSM Schema for 7.4 R4**

The NSM schema for this software version will not be published.

## **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 iTunes-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)