

# *Juniper Networks NetScreen Secure Access Release Notes*

**IVE Platform version 5.1R8.2 Build # 11163**

**This is an incremental release notes describing the changes made from 5.1R2 release to 5.1R8.2. The 5.1R2 GA release notes still apply except for the changes mentioned in this document. Please refer to 5.1R2 GA release notes for the complete version.**

## **Security Update in 5.1R8.2 Release**

The OpenSSL software was patched due to the following vulnerability: "RSA Signature Forgery (CVE-2006-4339)". Further detail on the vulnerability is available at [http://www.openssl.org/news/secadv\\_20060905.txt](http://www.openssl.org/news/secadv_20060905.txt).

## **Security Update in 5.1R8.1 Release**

Juniper Networks discovered security vulnerabilities in the IVE Active X installer, Java installer, and adaptive delivery mechanisms. In order to address these vulnerabilities, we fixed defects that could have enabled buffer overrun attacks.

As part of these fixes, we now prevent users from using "unpatched" versions of the product after signing into a "patched" version of the product. For example, a user may sign into patched version of the IVE appliance from a Java-based browser such as Safari or Firefox. The IVE gateway may then use the Java installer to download a patched version of the IVE client to the user's computer. If that user later tries to sign into an older version of the IVE gateway that is not running patched software, the user's access will be blocked.

Please note that in the following scenarios, the users cannot be automatically updated to the secure version:

- The user stopped using the IVE and does not access a patched version.
- The user stopped using client-side components.
- The user does not have the Juniper Installer Service and is unprivileged.

## **Known Issues/Limitations Fixed in 5.1R8 Release**

The following list enumerates known issues which were fixed in this release:

1. AAA - Resolved an issue with login using LDAP Server. (36057)
2. CS NC - Fixed an issue where the NC option of DNS search order was not functioning properly. (35781)
3. CS NC - Network Connect now supports transfer of more than 1 GB of data. (36144)
4. CS WSAM - UDP listener is now being established. (36048)
5. CS WSAM - Fixed an issue where occasionally RDP sessions were not being established when WSAM is running. (37194)
6. SysMgmt - Enhanced push config capabilities. (32488)

### **Known Issues/Limitations Fixed in 5.1R7.1 Release**

The following list enumerates known issues which were fixed in this release:

1. AAA – Fixed an issue where new users are unable to authenticate using ACE (32880)
2. AAA - Host Checker policy for “Mac platforms only” correctly denies access to Windows platforms (34637)
3. AAA – Resolved an issue where HC, CC, WSAM was problematic when using a PAC file (33850)
4. AAA - Fixed an issue where HC fails to install, if 'neoterissetupcontrol.cab' is not present on the PC (32969)
5. AAA - HC behavior is now consistent between IE and Firefox (31085)
6. AAA - Fixed an issue where FILE attributes policy reverts to "denied" even though saved as "required" (35352)
7. AAA – Error check after removing secondary authentication server (32947)
8. AAA - Fixed an issue where child domain users were unable to change password (29959)
9. AAA - Fixed an issue where when the max number of concurrent users is exceeded, the logo image on the sign in page is getting squashed (34864)
10. CIFS - Fixed an issue where under multiple file download, downloading files with Japanese name results in files not showing up in zip file (31425)
11. CIFS - Multiple file download works when using AD authentication (33095)

12. Clustering - WAN clustering no longer causes severe impact on performance of IVE (28721)
13. WSAM – Can download WSAM when Japanese characters are used for a username on Japanese OS (31874)
14. WSAM – Fixed issues using WSAM with a PAC file (34185)
15. WSAM – WSAM on PPC works continuously when it secures traffic from IE (26054)
16. WSAM – Fixed issues where Lotus Notes did not work with Domino server through WSAM when performing only background replication (28745)
17. EMail – Fixed an issue connecting to email client via SMTP (35168)
18. EMail - Outlook Express can work with large e-mail attachments (35269)
19. Logging - Lower CPU usage when there are less than 10 users (34616)
20. Terminal - TAB key on Telnet and SSH now work with Sun JVM (34911)
21. System - Make the CGI and the UI consistent in the NCP Read Connection Timeout max value (25009)
22. Web – Fixed an ActiveX rewriting issue (33385)
23. Web – Fixed an issue where after upgrading a web application, the application stopped working via IVE (30141)
24. Web – Fixed an issue to get a Java Application working through IVE (31713)
25. Web – Fixed an issue where users were unable to save description in a web application (32386)
26. Web – Fixed an issue where Java applet fails to upload via rewriter (35221)
27. Web – Fixed an issue where a rewritten JavaScript did not execute properly in Firefox (34452)
28. Web – Fixed an issue where help links were not working in a web application (34382)
29. Web – Fixed rewrite issues with a web application (34313)
30. Web – Fixed an issue where IE was problematic when a page was opened via SSL-VPN (34081)
31. Web – Fixed an issue where rewriter did not translate a JavaScript link correctly (32874)
32. Web - Support HTTP 1.1 for rewriter (31049)
33. Web – Fixed an issue where Apache 1.3.28.1 SSL connections fail (24623)
34. Web – Issues when user agent is unknown is fixed (35915)

35. Web – Fixed problems when browsing to a website through the rewriter (32656)
36. Web – Fixed issues where using BlueCoat proxy with compliance page policy did not get access to web (32604)
37. Web – Fixed issues where a rewritten XML page cannot be displayed (35130)
38. Web – Fixed problems rewriting some XML sites (35201)

### **Known Issues/Limitations Fixed in 5.1R6 Release**

The following list enumerates known issues which were fixed in this release:

1. XML Import/Export - services are now restarted after a successful XML import. (34916)
2. XML Import/Export - Fixed issues with XML import/export and corrected some minor errors (33891)
3. Netegrity - Resolved an issue where Netegrity cache was not getting cleaned up and causing issues in Active-Active Cluster mode when using netegrity authentication and authorization. (34352)
4. Cluster - Resolved an issue where Custom sign-in pages was causing severe performance degradation in Active-Active Cluster mode. (28721)
5. Rewrite - Fixed a JavaScript issue with a web portal. (34669)
6. Rewrite - Fixed a PDF rewriting issue. (33058)
7. Rewrite - Fixed an issue where certain java script links were not being rewritten correctly which caused a "The page you requested ... could not be found." Error. (32874)
8. Rewrite - Fixed a rewrite issue where a JAVA RDP client was not launching. (33380)
9. Rewrite - Fixed a Selective Rewrite issue where opening a page that is not rewritten and the server is not resolved by DNS, it took up to a minute to open the page. (33008)
10. Rewrite - Fixed an issue where the session intermittently hangs when accessing Oracle server through PTP. (33919)
11. Rewrite - Fixed an issue with a HTML/JavaScript Application called Alps. (32302)
12. Rewrite - Fixed a rewrite server issue when users access Siebel servers. (32885)

13. Rewrite - Broadened web-ticketing application support through the rewriter (33933)
14. Rewrite - Web rewrite fixes to broaden application support. (31281, 32975, 33062, 33825)
15. Rewrite - Enhanced Magic Web Application support. (32249)
16. Rewrite - Fixed an issue for SAP Web portal through rewriter. (32998)
17. Rewrite - Resolved an rewrite issue with a Medical Application through the Web Rewriter (30631)
18. Rewrite - Broadened support for the BMS web application through the rewrite (33973)
19. Rewrite - Added Support HTTP 1.1 for rewriter (31049)
20. Rewrite - Fixed a JavaScript rewrite issue when Mac/Safari is used to access an intranet site (31467)
21. Rewrite - Fixed a minor issue when downloading zip files are through the rewriter engine. (31894)
22. Rewrite - Web based file upload utility now functions properly via the rewriter (32705)
23. AAA - Users are now able to sign-in to IVE if trusted domain is enabled in AD authentication server configuration. (32300)
24. AAA - Nested group lookup now works with iPlanet LDAP server type. (28469)
25. Cluster - Fixed an issue with A/P cluster where the exact info displayed on the active node will be displayed on the passive node when the active one is disabled. (32045)
26. NC - NC packet logging enhancements. (34373)
27. NC - Added improvements to better support simultaneous IPSec tunnels. (32956)
28. TS - Improved windows terminal services support. (32754)
29. Web - Improved backend application cookie handling (30099)
30. Web - Fixed an issue with the web server. (32081)
31. Web - Users can now access https sites via ISA 2004 proxy server (33991)
32. Admin - Ability to delete an applet file even if all bookmarks referenced are deleted. (34082)
33. Custom sign in pages no longer pull Welcome/Portal message from default sign in page (31846)
34. Web - Fixed an interoperability issue with Blue Coat proxy configured as web proxy. (32604)
35. Log Monitoring - FTP archiving of user access logs are no longer recycled completely when user log is full. (32765)

36. Improved performance in simultaneous login logout transactions on SA-5000. (30045)
37. HC - Fixed an issue where HC failed when the HC policy exceeded 150 entries. (31478)
38. HC - Fixed an issue where Host Checker had problems with IE. (31605)
39. HC - Fixed an issue where Custom Expression for HC was not working. (30670)

### **Known Issues/Limitations Fixed in 5.1R5 Release**

The following list enumerates known issues which were fixed in this release:

1. Fixed an issue with the end user UI. (22264, 32306)
2. Serial console now has an option to generate and associate self signed certificate (27229)
3. Attributes specified in the secondary authentication can now be used in various resource policies and other components. (27308)
4. Fixed an issue where the events log and the access logs, were displaying the old time, when the time zone was changed. (29877)
5. Fixed an issue where users were unable to access DFS shares. (30468)
6. Fixed some rewriter issues. (31108, 30429, 32368, 27645, 29170)
7. Fixed an admin UI issue where troubleshooting page shows Clustering Tab on SA700/RA500 box (31378)
8. Fixed several rewriter issues with specific applications. (31754, 31837, 32569, 31221)
9. Fixed issues in WSAM logging (31977)
10. Fixed issues in the memory pool allocation (31418)
11. Fixed an issue with authentication with SiteMinder. (32321)
12. Fixed issues with Host Checker (31068, 31605)
13. Resolved issue with clearing of the admin logs. (32764)
14. Resolved an issue to support User Agent in standalone Network Connect (32915)
15. Fixed Admin UI role mapping issue. (33118)
16. Resolved issues in cluster to improve the cluster syncing method. (31421, 33043)

17. Resolved issues in Network Connect to increase simultaneous sign in capacity. (32334, 32956)
18. Fixed a network issue where Admin should be able to enable the external port with a CL license (33222)
19. A new option "Allow multiple POSTs to this resource" has been added to the Web FORMS Post Resource Policy. When this option is enabled, the IVE will POST the configured form values each time the user accesses the resource. In previous releases of the IVE, the values would be sent only the first time the user accessed the resource. If this option is enabled and the POST URL responds with a request for the configured resource then the FORM values will not be posted correctly. (33034)
20. IVE snapshot captures the xml file of XML Import/Export (33354)
21. Resolved an issue with GINA upgrade/downgrade. (29783)
22. Fixed a NC end user issue where Mac OS X: client UI was showing "1 The second" instead of "1 second" in the duration display (30106)
23. Fixed an issue with Microsoft OWA, when the GZIP Compression is enabled (30340)
24. Fixed an issue with redirection to the admin page, after help page is closed. (29823)
25. Corrected wrong messages in the NC diagnostic tab (29334)
26. Corrected problems in opening archived e-mails that has attachments in OWA2003 (23684)
27. Corrected invalid certificate alerts while accessing secure email (28687)
28. All Java applet bookmarks now appear when roles are merged (29865)
29. Resolved an issue with IVE and RADIUS authentication. (29498)
30. Fixed issues on SA700 when running some flash tests. (30372)
31. Default Sign-in Page on SA700 now shows "Secure Access SSL VPN" (30528)
32. NC will now successfully install and run when Checkpoint VPN Client is installed on the client machine. (26282)
33. Fixed WSAM Install-Upgrade issue with Installer Service (33064)
34. Fixed a rewriter issue when there is a request through proxy to an SSL enabled backend server. (31950)
35. Improved the Log Server stability on the SA6000 platforms (32994)
36. Improved the cache server stability on the IVE. (32271)
37. Fixed NC installation/upgrade/downgrade issues (31057)
38. Fixed an issue to show the Custom login pages on all the nodes of a cluster (33036)
39. Fixed an issue in the CPU and memory usage. (32692)

40. Fixed I18N issues (32699, 31874, 32166)
41. Fixed the standalone Network Connect to include the <https://> prefix, if the user does not specify it. (32587, 32529)
42. Resolved an issue with SNMP and file descriptors. (31610)
43. Fixed an issue with AD authentication and IVE. (32369)
44. Fixed an issue in clusters, when the passive node becomes the leader. (32172)
45. Fixed an issue with rewriter and specific applications (32565, 32477, 29041, 31975)
46. Resolved issues in IVE for the QualysGuard scan (30093)
47. Fixed an issue in the Network Connect and Host Checker, when DHCP renewal happens and Host Checker Connection Control policy is enabled (31278)
48. Missing image of web page through the WSAM now appears properly (31827)
49. Fixed an issue with Host checker installer and upgrade. (31967)

### **Known Issues/Limitations in 5.1R5 Release**

The following list enumerates known issues which are in this release:

1. In Network connect Packet Logging, multiple ports can be specified for the same protocol. If multiple ports are specified on the same line for a protocol, then no traffic goes through Network Connect. As a workaround, wild card character "\*" can be used for multiple ports. Or, the policy can be split to contain single port in each line.

### **Known Issues/Limitations Fixed in 5.1R4 Release**

The following list enumerates known issues which were fixed in this release:

1. Fixed an issue in the flushing of the cookies that are set in the custom headers. (SSO settings). (31268).
2. Fixed an issue when the HC policy contains more than 150 HC registry check entries. (31478).
3. Added an event log, when the memory pool exceeds the limit. (32181).
4. Fixed an issue with LDAP resource policies in Network Connect (29574).
5. Fixed an issue with redirection to the custom pages, when Network Connect is auto-launched from a Firefox browser. (31802).

6. Fixed an upgrade issue, with two unit Active-Active cluster. (32243).
7. Fixed an issue with OWA and XML rewriting. (31297).
8. Fixed an issue in Network Connect in Active-Active clustering when one of the nodes is unavailable. (30123).
9. Solved an issue in the restoration of the original host file in the client machine, when the JSAM session ends. (31980)
10. Fixed an interoperability issue with Java based Network Monitoring tool. (31750).
11. Fixed an issue with the display in the statistics tab. (31699).
12. Fixed several rewriter issues with specific applications. (31323, 31069, 32244, 30672, 32086).
13. Resolved an issue with Network Connect icon not exiting from the task tray when the user signs out from the IVE. (31027).
14. Fixed an issue where the user loses their Windows Terminal Services (WTS) bookmarks created during a session. (31439)
15. Fixed an issue when flash content is accessed through rewriter. (31154).
16. Resolved an issue with Windows File Share, when the file name contains spaces. (31017).
17. Specifying the DHCP server in the Network connect Connection profile as a hostname works fine. (30643)
18. Resolved an issue in the log messages for authentication. (30138)
19. Wsam will not capture the traffic from applications added to Passthrough list. It honors the name of the exe however it ignores the path if any is specified. (31953)
20. Fixed an issue in Secure Meeting, when the LDAP attributes are used for populating the Email field. (31764)
21. Network Connect adaptor is now listed in the network connections, when firewall rules are configured. (28678).
22. OpenSSL SSLv2 Vulnerability fix is included. (32286).

### **Known Issues/Limitations Fixed in 5.1R3 Release**

The following list enumerates known issues which were fixed in this release:

1. Wsam will not capture the traffic from applications added to Passthrough list. It honors the name of the exe however it ignores the path if any is specified. (31953)
2. Fixed an issue where XML Export with the "Select All" option was causing export problems. (32005)

3. Fixed a rewrite issue with Hoblink. (30245)
4. Fixed a licensing issue with cluster upgrades. (31853)
5. Fixed an issue with NTLM login challenge being displayed as "connecting to ??????" on Windows XP SP2 via wsam. (31136)
6. Fixed an issue with Citrix Terminal Services on few computers. (31748)
7. Fixed an issue where some users had to reload web pages for them to display. (23661)
8. Fixed an issue where Browser Request Follow-Through does not work when WSAM is auto-launched (25681)
9. Fixed an issue where users get XML error while opening archived mails. (31590)
10. Fixed an internationalization bug where the text under the role name garbles when the role is in Japanese. (31423)
11. Fixed an issue where archived email attachments were not accessible by IVE. (31178)
12. Fixed an issue where file was not getting uploaded properly when using FTP. (30521)
13. Fixed a rewrite issue on Macintosh platforms using IE. (30402)
14. Fixed a rewrite issue for a web-based SQL reporting tool. (30264)
15. Resolved an issue where user is able to login to the ive again, upon exiting Sygate VD session with host checker running, without clearing cookies. This issue is resolved only when host checker is enabled pre-auth. Issue still exists if HC is enabled post-auth. (29871)
16. Fixed a rewrite issue where a page was not loading properly. (27501)
17. Fixed a secondary authentication server password management issue. (31296)
18. Fixed an issue with Server credentials under File Sharing. (25363)
19. Fixed an issue where two root CA certificates with a same name but different valid dates just show as one certificate. (24640)
20. Fixed a translation issue with Japanese message in password expiration page. (31180)
21. Fixed an Admin UI issue where additional Host Chcker registry rules could not be deleted. (27481)
22. Fixed an issue where opening an fdf file was redirecting users to sign-on page. (27391)
23. Fixed an upgrade issue where some web pages were not being displayed correctly. (29615)

24. Fixed an issue with file browsing using WSAM. (30881)
25. Fixed an issue where a PDF file in the Help option was not being displayed in Japanese OS. (30256)
26. Better Memory utilization changes. (26848)
27. Fixed an upgrade issue where Windows Terminal Services was not able to launch with WSAM. (29774)
28. Fixed an issue with Citrix nfuse connection failing via JSAM. (28372)
29. Fixed an issue with the SQL web interface where query results page were loading blank page. (29972)
30. Fixed issues with rewriter when 'session timeout alert' is enabled in a Role. (29480)
31. Fixed an issue with SSO with Windows Terminal Services does not work with password having French punctuated characters. For example è, é, ê, ë. (29668)
32. Fixed a rewrite issue where a site was not working properly. (27311)
33. Fixed a rewrite issue where some users were unable to view PDF file through a web page. (30266)
34. Fixed an issue where Host Checker was not working if proxy was configured. (30575)
35. Fixed some performance issues with the rewriter for a web application. (26052)
36. Fixed an upgrade issue where exporting XML was not working for certain configurations. (30675, 30614)
37. Fixed an issue where Host Checker was not installing. (29019)
38. Fixed an issue where users were unable to login using GINA with NC. (30100)
39. Resolved an issue where IVE NIS authentication was failing when there is a "-" in the username(28653)
40. Fixed an issue where file credentials policy fails for the intranet file server. (30263)
41. Resolved an issue where meta refresh tags do not prompt users to download twice. (27309)
42. Improved performance of IVE when custom sign-in pages are used. (26671)
43. Fixed a system error caused after changing password when force password change is configured. (31008)
44. Fixed upgrade issues with CS WSAM.(30778)
45. Fixed an issue where some users were unable to connect with NC split-tunneling disabled. (30079)
46. Fixed an issue where WSAM was unable to initiate connections when run for a long duration (28616)

47. Fixed error caused after importing the user config on a RA500. (30333)
48. Fixed an issue with Pocket PC using server-based active sync through the IVE. (30252)
49. Fixed an issue where Citrix JICA 8.0 was not working using MS-JVM using a Proxy configuration in browser. (24696)
50. Fixed an issue where Outlook through WSAM was not working on machines after installing WinXP SP2 with hotfix. (20686)
51. Fixed an issue with initializing WSAM on PPC. (28457)
52. Removed the limitation of max password length of 32 chars for IVE local auth servers. (28081)
53. Fixed a filed upload issue to a quick place server. (29214)
54. To do backend SSL cert verification we now check for cert expiry along with cert digest (30516)
55. Fixed a performance issue where OWA with IVE rewriter was very slow compared to going direct. (29234)
56. Fixed an issue with NC where it was not working with Redhat 9.0 with Firefox version 1.0.6. (30325)
57. Fixed a rewrite issue where Siebel 7.5.3.8 Web does not display. (30425)
58. Fixed a system error in the rewrite server. (30373)
59. Fixed an issue where Outlook Synchronization does not occur via WSAM. (29968)
60. Fixed an issue where Concurrent users limit on authentication realm was not working properly. (29870)
61. Fixed an issue where an intermediate page for Authentication displays the home button. (30177)
62. Virtual Key board keys for Kiosk templete will highlight only the spacebar when password is entered. (24186)
63. Fixed an issue where NC Packet Log in WELF format is not being displayed. (29689)
64. "Turned off SSL acceleration..." message will no longer appear on the serial console during upgrade of IVE (30704)
65. Fixed an issue where HW SSL Acceleration could not be turned on once it has been set to off. (30622)
66. Toggling the compression option no longer requires an IVE Reboot. (30621)
67. Fixed an issue where the Default Sign-in Page on SA700 was showing "Remote Access SSL VPN" instead of "Secure Access SSLVPN". (30528)

68. Resolved an issue of Missing Icons on OWA on Mac when Redline is Installed in front of the IVE. (30140)
69. "Search client DNS first, then IVE" using NC now works properly. (29542)
70. Fixed an error when file browsing to one particular folder: "A script on this page is causing Internet Explorer to run slowly". (26904)
71. Fixed an issue where users were unable to login using GINA with NC. (30100)
72. Fixed an upgrade issue where users were not able to launch Windows Terminal Services through WSAM.(29774)
73. Fixed a run time error issue for a web site when accessed via the rewriter. (23264)
74. Fixed an issue with Sharepoint where editing piclib fails with PTP configured on IVE. (29268)
75. Fixed a rewrite issue with Sharepoint where editing links was not working using PTP. (28739)
76. Fixed a rewriting issue where IVE does not decode %3A as : for port information when rewriting URLs. (30129)
77. Fixed an issue where links within OWA emails were not being rewritten correctly. (30046)
78. Fixed a rewriting issue where URL's within JavaScript were not re-written properly. (30174)
79. Fixed a Javascript error that was occurring for a specific web application. (29223)
80. Fixed a rewriting issue for Lotus Notes Webmail where the old message body was not being transferred to the new message when replying or forwarding. (29646)
81. Resolved some java script errors when accessing a mail link. (28970)
82. Fixed problems in opening archived e-mails that have attachments in OWA2003. (23684)
83. Fixed an issue where NC shows "not established" message on the diagnostics tab. (29334)
84. Fixed an issue where PAC file was not loading after launching NC. (29644)
85. Fixed a javascript error for a specific app. (29170)
86. Fixed a rewriting issue where an HTML function was causing "Secured/Non-Secured" warning messages to display. (29466)
87. Fixed an issue where Terminal Services was not allowing printer connection. (27068)
88. Fixed an issue where HC Pre-Auth Tunnel was not getting created correctly on some Windows platforms. (29141)
89. Fixed an issue with sending a reply email when software GZIP compression is

enabled. (30340)

90. With SSL acceleration enabled we can now configure more than 65 IVS on the ive . (30166)
91. Fixed upgrade issues with terminal services bookmarks. (30089)
92. Fixed an issue where automount of NFS shares was not working. (25512)
93. Fixed a rewrite issue where web pages with JAVA applet that invokes Java script was not working. (29370)
94. Fixed a cookie-handling issue which caused a web site to not display properly. (28126)
95. Fixed an issue where the standard toolbar does not appear in Outlook Web Access 5.5. (29876)
96. Fixed an issue where IVE locks user sessions when using NTLM. (28164)
97. Fixed a performance issue where system performance degrades as the number of VLANs or Virtual ports increases. (28394)
98. Resolved issues with EDH-RSA-DES-CBC-SHA cipher and cavium sslcard. (28211)
99. Fixed some performance issues with RC4-MD5 using Cavium SSLcard. (28209)