

Juniper Networks NetScreen Secure Access Release Notes

IVE Platform version 5.0R6.3 Build # 11165

This is an incremental release notes describing the changes made from 5.0R1 release to 5.0R6.3. The 5.0R1 GA release notes still apply except for the changes mentioned in this document. Please refer to 5.0R1 GA release notes for the complete version.

Security Update in 5.0R6.3 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.

Security Update in 5.3R5.2 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 5.0R6 Release

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

1. **Security** - Fixed a security issue with some parameters of our ActiveX. (36441)

Known Issues/Limitations Fixed in 5.0R6 Release

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

1. Fixed issues in WSAM logging. (32944)
2. PDF in the Help option had issues being displayed on a Japanese OS. These are now fixed. (31326)
3. The Neoteris setup service module's signature was not being verified by windows. This issue has now been (33064)
4. Fixed issues with the rewriter for specific applications. (32811, 31975, 32449, 32447, 32872)
5. Resolved an issue in the log messages for authentication. (32825)
6. Fixed an issue when accessing Flash content using rewriter (32437)
7. Fixed an issue in Secure Meeting, when the LDAP attributes are used for populating the Email field (32037)
8. Fixed an issue with redirection to the custom pages, when Network Connect is auto-launched from a Firefox browser. (32214)
9. Resolved an issue with Network Connect and the display of background image, when URL is specified without https. (32814)
10. Resolved issues in IVE for the QualysGuard scan (32460)
11. An issue when users lose their Windows Terminal Services bookmarks is now fixed (32438)
12. Fixed an issue in the redirection of the users after the launching of Windows Terminal services.(32187)
13. Specifying the DHCP server in the Network connect Connection profile as a hostname works fine. (32463)
14. Resolved an issue with Windows File Share, when the file name contains spaces. (32465)
15. Fixed an issue with the Secondary auth sign in page not having proper focus when the user was directed to the page. (32808)
16. Solved an issue in the restoration of the original host file in the client machine, when the JSAM session ends. (32452)
17. Resolved an issue with Network Connect Installer not saving the "Https" portion of URL for subsequent use. (32815)
18. Fixed an issue in Network Connect in Active-Active clustering when one of the nodes is unavailable (32456)

19. Fixed an issue with OWA and XML rewriting. (32457)
20. Resolved issues to improve log server stability on the IVE(33078)
21. Fixed issues with Installation of installer service when deployed via SMS. (32568)
22. Fixed issues with cache server. (33113, 33075)
23. OpenSSL SSLv2 Vulnerability fix is included. (32372).
24. Fixed an issue with rewriting of IVE tool bar. (32799)
25. Fixed issues with the rewriter for specific applications. (32464, 32451, 32801, 32477, 32461)
26. Resolved an issue with cluster. (32803)
27. Resolved an issue with SNMP and file descriptors (32804)
28. Resolved an issue in usage of CPU and Memory. (32692)
29. Fixed some issues in I18N translation. (32166, 32891, 32805).
30. Fixed an issue with custom headers in Remote SSO. (32448)
31. Resolved an issue with Network Connect icon not disappearing from the task tray when the user signs out from the IVE. (32446)

Known Issues/Limitations Fixed in 5.0R5 Release

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

1. Fixed an issue with Server credentials under File Sharing. (25363)
2. Fixed an issue with opening FDF files using Rewriter. (27391)
3. Fixed issues in display of admin/user pages in Japanese. (31180, 31423)
4. Resolved a file upload issue using FTP. (30521)
5. Fixed an issue with rewriting of Meta refresh tags. (27309)
6. Fixed an issue with Citrix nfuse connection failing via JSAM. (28372)
7. Resolved an issue with XML Rewriting. (31632)
8. Fixed several issues with rewriter for specific applications. (27501, 30264, 29615, 26052)
9. Fixed issues with rewriter when 'session timeout alert' is enabled in a Role. (29480)
10. Fixed an issue where two root CA certificates with a same name but different valid dates just show as one certificate.(24640)

11. Fixed an issue where Browser Request Follow-Through does not work when WSAM is auto-launched (25681)
12. Fixed an issue where Host Checker was not installing. (29019)
13. Host Checker now works if auth-proxy is configured. (31432)
14. 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)
15. An issue with Secondary Authentication Server password management is resolved. (31296)
16. Fixed an upgrade issue where exporting XML was not working for certain configurations. (30675)
17. Fixed some issues with rewriter. (30631, 30402, 29972, 27311)
18. Fixed an issue where Host Checker was not working if proxy was configured. (30575)
19. Resolved an issue in Network Connect with GINA. (30100).
20. Fixed an Admin UI issue where additional Host Chceker registry rules could not be deleted. (27481)
21. WSAM - 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)
22. Fixed an issue with file browsing using WSAM. (30881)
23. Fixed an upgrade issue where Windows Terminal Services was not able to launch with WSAM. (30204)
24. Fixed an issue with NTLM login challenge being displayed as "connecting to ??????" on Windows XP SP2 via wsam. (31136)

Known Issues/Limitations Fixed in 5.0R4 Release

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

1. LDAP: Fixed an issue with nested group lookup with Iplanet LDAP server. (28469)
2. Mail Proxy: Mail proxy now reads the intermediate cert properly and user will not be prompted with invalid certificate alert while accessing secure email. (28687)
3. NC GINA: Resolved an issue with Gina by which we can now handle large welcome pages. (30100)
4. WSAM PPC: Server based active sync for outlook/exchange is now supported through the IVE. This should be considered Beta quality. (30252, 29968)
5. WSAM PPC: Avantgo client/server application is now supported via WSAM on PPC.

(28457)

6. NC: NC Packet Log in WELF format is now being displayed correctly. (29689)
7. Virtual Key board keys for Kiosk template will not get highlighted when using them. The spacebar will be highlighted instead. (24186)
8. Fixed an issue Standard Toolbar not appearing when on some web pages. (29930)
9. Standard toolbar now appears fine in Outlook Web Access 5.5. (29876)
10. OWA icons appear fine on Macintosh platforms with Redline installed. (30140)Rewrite: Fixed an issue where user gets redirected to the login page of a certain backend application. (30099)
11. Fixed an issue where uploading files to a Quick place server caused an error. (29214)
12. Added an administrative option where an administrator can choose to hide the "Home" icon from the user toolbar. (30177)
13. Fixed an issue where NC was not working with Redhat 9.0 with Firefox version 1.0.6. (30325)
14. Fixed an issue where links within an OWA email were not being rewritten correctly. (30046)
15. Fixed an issue where editing links in Sharepoint were not working. (28739)
16. Fixed a JavaScript rewrite issue with a portal. (28434)
17. Fixed an issue where calendar date window does not open with the calendar details but instead gives a page not found. (20844)
18. NC will install even when Checkpoint VPN Client is on client. (26282)
19. NC option "Search client DNS first, then IVE" works correctly. (29542)
20. Cache Cleaner will not fail if a proxy is only configured for FTP traffic in the browser. (29442)

Known Issues/Limitations Fixed in 5.0R3 Release

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

1. Fixed an issue with NC/Large PAC files and these are now handled properly by NC. (29644)
2. Fixed an issue with AD wherein the authentication was failing when PDC servers became unavailable. (28007)
3. Fixed a UI issue wherein when a JPEG logo was added to the toolbar it appeared to be scrunched. (28637)

4. Fixed an issue with LDAP parameterized resource policies for NC. (29574)
5. Fixed a rewrite issue with JavaScript function that was Causing "Secured/Non-Secured" Warning Messages to Pop Up. (29466)
6. Fixed a few JavaScript Errors with function DanaFlushWrite ('DanaFlushWrite' is undefined) (29170)
7. Fixed an issue with special characters in username that was causing java script errors in Admin UI (29748)
8. Fixed an issue in the admin UI wherein IVE was not allowing to add users if the local authentication server name has space at the end. (28650)
9. Fixed some web rewrite issues associated with a web portal application. (29041)
10. Fixed an issue with Terminal Services that was not allowing printer connections. (27068)
11. Fixed an assertion failure Error (27832)
12. Fixed an issue of dsrecord not handling special characters and names. (27028)
13. Fixed a rewrite issue wherein the link tab to main Concur Expense main page was missing when going through IVE.(27026)
14. Fixed an issue with HC Pre-Auth Tunnel on some Windows platforms.(29141)
15. Fixed an issue with NC re-installation when Gina enabled, that was hosing the PC (29656)
16. Fixed an issue wherein the custom images on HVAC application were not showing up.(17642)
17. Fixed an issue wherein the Memory Utilisation & User Statistics in the admin UI were not consistent.(26984)
18. Fixed an issue in the Meeting resource policies page, that was showing "SMTP server name unknown" error message after few seconds.(28528)
19. Fixed an issue wherein when using custom help page option, the 'Tips' next to the Browse Button was not working and was giving the "The requested resource (/dana-cached/help//index.html?context=&topic=browse_tips) is not valid" error. (28729)
20. Fixed a rewrite issue wherein the Concur application java applet page was missing back button link. (28732)
21. Fixed an issue with Host Checker installation when DSPREAUTH cookie had not been removed. (29019)
22. Fixed an issue wherein a Script error was being thrown for ADMIN help UI broken at "System - Configuration - Security - Host Checker -HC policy xxx" page (29191)
23. Fixed an issue in Admin UI trying to uncheck the "Create Host Checker Connection Control Policy" in Host checker configuration. (29335)

24. Fixed an issue with IVE NTLM authentication wherein the intermediation logic for intranet web servers was locking user sessions. (28164)
25. Fixed an issue with NC 5.0 windows client installation script that wasn't handling the shared component counter correctly. (29425)
26. Fixed a WSAM issue when Zone Labs firewall was installed, that was causing machine freeze. (29002)
27. Fixed an issue wherein Multiple DNS suffixes weren't working. (29211)
28. Fixed an issue wherein the user was getting A~NSISU_.exe crash error while uninstalling HC (28601)
29. Fixed an issue with Cache Cleaner that was failing if a proxy was configured for FTP traffic in the browser. (29442)
30. Fixed an issue wherein the Java Applet Log file was left behind on workstation. (29426)
31. Fixed a rewrite issue when a web page with JAVA applet invoking a Java script.(29370)
32. Fixed an issue with Siteminder authentication that was not handling redirects with more than 51 characters. (26705)
33. Fixed a WSAM issue wherein the hostname based access was not working if ACL's on IVE were configured using hostname. (28990)
34. Fixed an issue wherein Host checker and Cache cleaner were going into continuous loop. (29116)
35. Fixed a NC issue that was not restoring the client side proxy after the session is terminated. (28591)
36. Fixed an issue with Client-side logging that was not working with MS JVM.(28968)
37. Fixed a rewrite issue wherein Menu was not getting displayed on web site after signing-in.(28126)
38. Fixed an issue wherein the DNS resolution was very slow when using NC.(26373)
39. Fixed an Automount issue of NFS shares, if auto_mount map is not defined .(25512)
40. Added Official support for McAfee ISS 7.0 (2005) thru WSAM.(23307)

Known Issues/Limitations in 5.0R2 Release

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

XML Import/Export

1. The wildcard "*" in a User Role's JSAM application's client loop back IP configuration is not supported in the XML Export or Import. Customers can temporarily change the client loop back to a dummy IP address and then perform export or import. Then, the Admin UI can be used to set the wildcard again. (28926)
2. During the export of WebProxy policies, the proxy server reference is exported as an IP, instead of actual hostname/IP and port. Customers should not modify this. After XML Import, customers should always verify the imported WebProxy policies to see if the expected proxy server is being referenced. (28506)
3. This affects XML Import and Push Config of delegated admin roles. The imported delegated admin roles do not have the correct configuration for delegated resource policies and User Roles. After XML Import, customer should verify the configuration and modify if necessary. (27829)
4. Network Settings: The WINS Enable Network Discovery option cannot be imported or exported via XML Import/Export (27696)
5. Sign-in settings to enable administrators to sign-in on the external port cannot be imported or exported via XML Import/Export (28491)
6. A maximum of 16,625 local users can be imported via a single XML Import operation. If more local users need to be imported, additional XML Import operations need to be performed. (27701)
7. XML Export of role-mapping rules based on custom expressions does not export elements in the expression list correctly. (27805)

Internationalization

1. Browsing tips page has inconsistent translation. (27827)

Known Issues/Limitations Fixed in 5.0R2 Release

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

1. Fixed a chat applet issue for both Sun JVM and MSJVM. (23703)
2. Fixed a rewrite issue where JavaScript in the form of was not being rewritten correctly. (20792)
3. Added support for Siebel 7.5.3.8 through rewriter. (22871)
4. Added support for DMS service and other processes to work with WSAM that do not respond to queries. (23642)
5. Fixed a rewrite issue for Lawson Web Application. (23936)
6. Fixed a rewrite issue with Netscape 4.79 on Windows 98. (23895)
7. Fixed an issue where NIS Auth credentials were not being passed to file shares when the server was set up as a secondary auth server. (25286)

8. Fixed an issue with JSAM where duplicate entries appear in the details tab when role merging is selected. (24096)
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10. Fixed an issue where the fallback to a secondary auth server fails while pulling the server catalog. (26500)
11. Fixed a XML import issue where '&' causes a parsing error. (25207)
12. Fixed a rewrite issue where a java applet was not loading properly. (27307)
13. Fixed a rewrite issue where users get an error when clicking on Siebel's address field. (27019)
14. Fixed a rewrite issue with JavaScript enclosed in double quotes ("). (27679)
15. Fixed an upgrade issue where LDAP authentication stops working. (25633)
16. Fixed an issue where group role mapping with AD fails. (26069)
17. Fixed an issue with the sign-in pages where a sign-in page for anonymous users returns "not found" if it is linked from another sign-in page. (26273)
18. Fixed an issue with logging where an incorrect IP address is used in the log message. (26652)
19. Fixed a download issue where the downloaded filename has the hostname appended if the downloaded via Pocket PC. (26474)
20. Fixed a rewrite issue for Plumtree Web Application where an incorrect cookie was being sent to the application. (26348)
21. Added support for software from 80-20 Software. (27021)
22. Fixed a JSAM bug where anonymous user opens multiple sessions eventually locking the IVE. (26975)
23. Fixed the admin UI so that a realm with anonymous authentication shows no password field. (27913)
24. Fixed an issue where users cannot modify Client Deployment preferences in Citrix Web Interface. (27354)
25. Added support for SmartReview WebApps through rewriter and JSAM. (27352)
26. Fixed a rewrite issue where importing documents to Worksite causes JavaScript errors. (27621)
27. Fixed an issue where opening a dfd file, while multiple browsers are open, causes the IVE to redirect user to sign-in page. (27391)
28. Fixed an authentication issue when using SiteMinder Authentication where users are able to re-login without credentials. (27432)
29. Fixed an issue with role merging where Terminal Services bookmarks are not displayed from one of the merged roles. (27531)

30. Fixed a rewrite issue where users on Windows 98 could not send E-mails from sites that closed windows. (27579)
31. Fixed a rewrite issue where drop down menus do not show up. (27665)
32. Fixed an issue with custom sign-in pages where the pages do not work properly when enabled with Primary and Secondary Auth Servers. (27772)
33. Fixed a rewrite issue with a portal. (27793)
34. Fixed Japanese translation issue when using I-mode. (28585)
35. Implemented proper cookie sorting so that the IVE can send the most relevant cookie if multiple exist with the same name. (28439)
36. Fixed a delay that occurred when logging in using AD auth. (27825)
37. Fixed an issue where WSAM will not connect to a valid resource after trying to connect to an invalid one. (28471)
38. If the server has initiated NTLM we do not send basic authentication credentials even when SSO is enabled. (28828)
39. Fixed an issue with Network Connect so that it works with GINA. (28233)
40. Resolved a rewrite issue of sending incorrect content disposition header for .cer file types. (28326)
41. Emails for meetings will now have hostname-based URL's instead of IP-based ones. (28477)
42. Fixed an issue with the static route for IVE external network interface appearing incorrectly. (28744)