

Juniper Networks NetScreen Secure Access Release Notes

IVE Platform version 6.0R4.3 Build # 13075

This is an incremental release notes describing the changes made from 6.0R1 release to 6.0R4.3. The 6.0R1 GA release notes still apply except for the changes mentioned in this document. Please refer to 6.0R1 GA release notes for the complete version.

Known Issues/Limitations Fixed in 6.0R4.3 Release

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

1. AAA – There was an issue where the authenticator and packet id parameters are the same for the first auth request from a cgi-auth server. We now have both identifiers randomized so no two packets have the same identifiers for the radius auth request. (57395)

Known Issues/Limitations Fixed in 6.0R4.2.1 Release

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

1. CS NC – NC + Proxy support is restored. (55902)

Known Issues/Limitations Fixed in 6.0R4.2 Release

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

1. AAA – Fixed certificate authentication with Safari on Mac. (55004)
2. CS NC - When NC log-off on connect feature is enabled, the IVE will properly restore browser proxy settings when the user signs out of NC. (55519)
3. CS WSAM – On Vista with UAC and IE7 in protected mode, DNS request from IE7 is now passed to WSAM (55203)
4. Endpoint Integrity - Machine certificate host check now passes on a Windows Vista and XP sp2. (54088)

5. System – NC IP's are no longer associated with user ID's. (53122)
6. Web – When reply or forwarding messages on OWA 2003 server via the IVE, messages are received with the full body. (55194)
7. Web – Resolved some formatting issues with Sharepoint via the rewriter. (54133)

Known Issues/Limitations Fixed in 6.0R4.1 Release

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

1. CS NC – When launching NC we no longer build a certificate chain context because it is not necessary. (52878)

Known Issues/Limitations not Fixed in 6.0R4 Release

The following issues are actively being worked on towards a solution. Please **do not upgrade** to 6.0R4 if you will be using any of the features below.

1. AAA – We do not support password change in referral with LDAPS. (54314)
2. CS WSAM - WSAM won't support more than 16 characters as FQDN name for NetBIOS file browsing.
3. Virtual Desktop – If using IE with yahoo toolbar and google toolbar, launching SVW causes context to switch back to the original desktop. After the context-switch, if you switch back, login and then logout, the virtual desktop logo shows on your real desktop. Rebooting does not fix the desktop. However, it is fixable by changing your wallpaper setting. (53703)
4. Virtual Desktop – On Windows XP using IE7, launching NC or WSAM from within SVW fails to redirect to user's bookmark page. (45762)

Known Issues/Limitations Fixed in 6.0R4 Release

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

1. AAA – Resolved an issue with PMI and grace logins. (51707)
2. AAA - Resolved an issue when openLDAP and PMI are enabled. (53325)
3. AAA – Resolved a corner case when Global Catalogs and PMI are used. (54020)

4. AAA – Special characters (% , & , +) can now exist in a Siteminder password. (49560)
5. AAA - Fixed an issue in Password Management when change password at next login is set. (52995)
6. AAA – Fixed an issue when Radius Accounting is used. We now make sure we gather the authentication object type before we authenticate. (52037)
7. AAA – When adding a new Radius rule, you no longer have to click save changes after each addition. (52392)
8. AAA – If a CC preauth policy is configured, the WSAM icon is now removed from the system tray after logout. (49818)
9. CIFS – Made some system improvements when users use multiple file upload. (49427)
10. CIFS – When accessing CIFS file shares, the grace login will reflect the exact amount configured on the backend. (50069)
11. Clustering - Virtual Ports are now carried over through upgrade. (52499)
12. Clustering -Fixed an issue with Virtual IP Address of a cluster, when the cluster is deleted. (50839)
13. CS NC - If a NC ACL is pulled via a RADIUS attribute and its ACL syntax is incorrect, NC allowed traffic to all sockets of that resource. Now NC connection will simply fail with an invalid ACL syntax. (52807)
14. CS NC - Now user-agent string will be presented as "DSClient; Linux" when NC is launched from Linux via ncsvc or NC.jar (53116)
15. CS NC - Fixed an NC issue where if any other NDIS intermediate driver and CheckPoint are installed in XP, NC can't be bound to Tcpip. (49541)
16. CS NC - When running an NC Diagnostics test on linux, the client no longer disconnects. (52025)
17. CS NC - When a user closes an NC session by nlauncher -signout | or -stop, IE6's proxy configuration is now restored. Instantproxy.pac file is no longer in IE's configuration after NC is stopped. (53009)
18. CS NC - GINA authentication now supports special characters in the password. (52464)

19. CS NC - If NC user accesses the IVE through the virtual port, MTU size for the NC adapter was defaulting to 1400 instead of 100 less than IVE port's MTU size. This is fixed. (52482)
20. CS NC - Now NC launches with out any problem even if /tmp is not on same file system partition as /etc. (51457)
21. CS NC - Fixed an NC issue when IVE has thousands of preferred IP's. (53171)
22. CS WSAM – Resolved an issue with auto upgrade of WSAM within SVW. (51842)
23. CS WSAM - Fixed a WSAM issue where NetBIOS file browsing was not working when a policy is implicitly configured for ports 139 and 445. (53093)
24. CS WSAM - Fixed an issue when forwarding traffic from a specific chat application via WSAM. (52622)
25. CS WSAM – Resolved some system corner case issues that improve the stability of the IVE (51941)
26. CS WSAM - WSAM resource profile now accepts comma separated port list (51584)
27. EndpointIntegrity - The following MALWARES get detected (51393):
 - Free KGB Keylogger 4.2.0.802
 - Actual Spy Version 3.0
 - WinVNC Server 3.3.7 Build Mar 5 2003
 - Tiny Key Logger 1.01
 - Ardamax Keylogger Lite 1.2
28. EndpointIntegrity - Host Checker now detects processes running in Vista even if the user is not an associated user. (52676)
29. EndpointIntegrity - Increased wait timeout for HC thereby preventing users from forced logout in MAC OS when there is high network latency. (52236)
30. EndpointIntegrity - Fixed a HC issue where user is not allowed to login even though Active policy of SVW is not selected at realm level. (51042)
31. EndpointIntegrity - Resolved an issue where HC check summing could fail on specific machines. (52127)
32. Meeting Series – Resolved some issues with the secure meeting outlook plug-in. (46866)
33. Sensors - Now IDP Sensor can be configured inside IVS. (51859)

34. SysMgmt – System enhancements to improve core stability (51998)
35. SysMgmt –We now provide all correct data types in Juniper MIB (51709)
36. System - A/P Secondary node no longer experiences 100% CPU utilization (51931)
37. System - When the user specifies unknown variables in the custom error messages, the Web Server works properly. (52862)
38. Virtual Desktop - SVW no longer shows up on desktop after reboot. (52324)
39. Virtual Desktop - On Win2K, JSAM now works inside SVW. (41993)
40. Virtual Desktop - Firefox 2.0 is supported with SVW. (51191)
41. Virtual Desktop - Scan Computer feature in AntiVirus client works inside SVW. (52507)
42. Virtual Desktop - Resolved an issue where certain MS Power Point Presentation files were not opening properly in SVW. (53190)
43. Web - Fixed an issue with opening/saving of PDF files through rewriter. (51001)
44. Web - Enhanced the rewriter to display more flash content. (51968)
45. Web - Fixed a rewriting issue to handle the encoded javascript in a URL. (52056)
46. Web - Fixed a rewriting issue in handling "#" character inside the URL's. (51616)
47. Web – Added a few rewriter enhancements. (51010)
48. Web – Improved the rewriter to support more custom applications (48168)
49. Web - Fixed an iMode rewriter issue. (50064)
50. Web – Resolved some corner web cases when a client side proxy is used. (53028)
51. Web - Now rewrite support for OpenPopup method is provided. (51652)
52. Web - Fixed a rewriting issue where in rare cases when client Flash player sends URLs that contains incomplete "DSXXX" string snippet. (52395)
53. Web - Fixed a Microsoft Share Point rewriting issue. (52079)
54. Web – Resolved some rewrite issues with Sieble 8.0. (52098)

55. Web - Improved core rewriting stability. (51488)
56. Web – Resolved some rewrite issues with Siebel 7.8. (51952)
57. Web – Improved memory allocation for the rewriter. (49112)
58. Web - Resolved an issue with the rewriter where it had problems handling certain XSL files. (53340)
59. Web – Enhanced the rewriter to support more web based applications. (52238)
60. Web - "some gif pictures/Icons in web page can't be displayed properly" has been fixed. (52091)
61. Web - Replying on owa should no longer give a blank screen. (48639)
62. Web - XML export now works if caching policy with action "Remove" is present. (52276)
63. Win Term Svcs - Fixed a WTS issue where WTS when launched prompts for proxy authentication for the proxy configured in IE. (42992)

Known Issues/Limitations not Fixed in 6.0R3 Release

The following issues are actively being worked on towards a solution. Please **do not upgrade** to 6.0R3 if you will be using any of the features below. A maintenance update, 6.0R3.1, will be released within several weeks of the release of 6.0R3 to fix these issues unless noted otherwise.

5. CS NC – Users are unable to login via GINA UI when a proxy server with authentication is being used. (52452)
6. CS WSAM – On few Windows Mobile 6.0 devices, WSAM does not re-launch properly. (52297)
7. Logging – Client-side logs are not being rolled over and this causes the application that is logging to stop responding. The issue can be avoided by disabling client-side logging. (51533, 52309)
8. Meeting Series – If a new user joins a meeting which is actively drawing/annotating, the ability to draw/annotate becomes limited to the presenter only. This will not be fixed in 6.0R3.1. (52314)

Known Issues/Limitations Fixed in 6.0R3 Release

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

1. AAA - If PMI is disabled the IVE will not retrieve PMI attributes. (51646)
2. AAA - Fixed an issue in LDAP where IVE can not search nested group/OU which named in Chinese for role mapping when using LDAP as auth server. (50033)
3. AAA - Now the LDAP messages to the referral domain will be encrypted when Start TLS is configured. (48339)
4. AAA - Resolved an issue where Password Management was not letting users know that their passwords are going to expire. (50904)
5. AAA - Resolved a typo in a message that appears when users change their passwords. (48662)
6. AAA - IVE session idle timeouts using WSAM and SiteMinder auth fixed. (41624)
7. AAA - Added extra checks when doing role mapping to ensure greater user session stability. (52067)
8. AAA - This release fixes an Active Directory based authentication issue that some customers have faced on upgrading to 6.0R1 and 6.0R2 from earlier releases. This issue affected those customers whose NetBIOS domain names were different than their DNS domain names. (52382)
9. CIFS - Now "bookmark selected" button will not be displayed when admin has disabled it while accessing File shares. (48386)
10. CIFS - Resolved an issue where file names would change when downloaded if the name was very long. If the file name is greater than 155 bytes then it will hit a limitation imposed by IE. (49218)
11. CIFS - Now zip files that contain Hebrew and Russian file names can be downloaded. The files names will be distorted. (47273)
12. CIFS - During a file upload to the server, if session timeout occurs, the file upload does not stop. The file upload completes and is uploaded to the server. (49224)
13. CIFS - Windows file access policies can not be automatically generated if an auto-allow policy is not enabled. (50030)

14. CS JSAM - Fixed an issue where including one or more commas in the name or description field of JSAM Resource Profiles were causing problems. (51697)
15. CS NC - Fixed a NC issue in parsing browser's exception list. (50533)
16. CS NC - Fixed an issue where browsers were not redirect to the bookmarks page from the "Please wait" page when users tried to invoke NC when NC was already running. (44633)
17. CS NC - NClauncher.exe -stop and -signout ends NC session for Japanese OS. (51136)
18. CS NC - Fixed an issue in NC where Proxy setting does not restore on IE while shutting down the PC. (50421)
19. CS NC - NC is not able to check GINA compatible list because of incorrect file path* (51658)
20. CS NC - When NC ran on ESP with SSL hardware acceleration on and a device between the IVE and the client had a smaller MTU, the NC performance degraded considerably. This is fixed. (52070)
21. CS NC - Fixed an issue in NC where Option to Auto connect when login to Windows is turned back on after disabling, either after rebooting PC and starting NC again or terminating and restarting NC. (48999)
22. CS NC - Modified the User-Agent of Linux NC client to be "DSClient; Linux". (51563)
23. CS NC - Fixed an issue in NC where NC connection gets terminated after re-logging back when "Logoff on connect" option is selected. (51354)
24. CS NC - Fixed an issue with NC redirecting to a custom startup page with applet content. (47828)
25. CS NC - Now error message will be thrown when improper specification of NC ACL's is done. (39905)
26. CS WSAM - Whenever a fresh install of WSAM or an upgrade of WSAM is made, and when another third party TDI driver is present in the system (apart from the Junipers TDI driver), BSOD is no longer observed. (49385)
27. CS WSAM - Now Samlauncher will allow special characters in user names and passwords. User name passwords should be provided in double quotes. (49758)

28. CS WSAM - Now WSAM is supported on Windows Mobile 6.0 Pocketpc. (43909)
29. EndpointIntegrity - HC policy with md5 checksum for checking avp.exe process works fine. (50764)
30. EndpointIntegrity - Now BitDefender 9 Professional Plus (9.x) will be detected HC on windows 2000 professional systems. But ESAP package grater than ESAP_1.1.2.pkg needs to be installed on IVE. (44996)
31. EndpointIntegrity - Now predefined AV rule with "Maximum age of definition files" will use IVE time to determine the age of Virus definition files instead of local Workstation. (47041)
32. EndpointIntegrity - HostChecker logs more info in dsHostChecker.log file when network connectivity is lost during the session. This info includes the following:
 1. ipconfig /all
 2. netstat -a
 3. tracert <IVE url>
 4. route print(47485)
33. EndpointIntegrity - Fixed an issue in Host Checker where HC fails on Chinese Windows XP clients. (50905)
34. EndpointIntegrity - Fixed an issue in HC where NC session gets disconnected after not receiving HC update as DSPREAUTH cookie is not set when HC is launched in GINA user mode. (50238)
35. EndpointIntegrity - HC is now detects predefined Antivirus : V3Pro 2004 (6.x) with ESAP packages >= ESAP 1.3.0 (43950)
36. EndpointIntegrity - When a filename is given (under Remediation -> delete files) which contains any Environment Variable as a part of the filename, it gets resolved to the actual filename. (48568)
37. EndpointIntegrity - Client code is fixed to show balloon in system tray only when custom instructions or reason strings are sent back. Previously the balloon was shown in case any policy failed. (51645)
38. EndpointIntegrity - The Host Checker no longer fails for Mac machines when multiple realms are chosen for a sign in URL. (51540)
39. EndpointIntegrity - Dynamically allocate size for custom HC registry checks. (46827)

40. Logging - When custom admin role is configured with restricted view to user access logs only, the "Download all logs" button is not present on the user access logs page and the user is not allowed to download the complete IVE log set. (47013)
41. Logging - The option, "Clear logs after archiving", now functions as expected for NC Packet Logging. (48727)
42. Logging - Fixed an issue where user logs were displaying some inconsistent data. (48778)
43. Logging - Resolved an issue that caused where logging filters would not work with a double quote. (49442)
44. Meeting Series - Resolved an issue with secure meeting outlook plug in if the user signs in with a URL other than the default. (50390)
45. System - Fixed an issue with enabling of nodes in a cluster when ICE license is enabled. (48709)
46. System - The IVE will now properly display the status of a route configured on the management port. (50714)
47. System - Fixed a log rotation issue in cluster environment. (47215)
48. System - When modifying the time zone all IVE system processes will display the correct time. (33205)
49. Virtual Desktop - Remediation settings remain checked in an SVW policy. (49641)
50. Virtual Desktop - Resolved a case where SVW was not launching. (48666)
51. Virtual Desktop - When Network fileshare is enabled in SVW configuration, copying/dragging the file from the fileshare on the main PC to SWC desktop gets saved and is displayed without manually refreshing the screen. (46625)
52. Virtual Desktop - Fixed an issue in accessing .xls files inside SVW. (51349)
53. Virtual Desktop - Improved SVW initialization speed. (49837)
54. Virtual Desktop - Now Chinese files with long file names can be downloaded under SVW. (51345)

55. Web - Resolved an issue where the IVE had trouble rewriting Flash content if the Flash content had an instruction that contained an offset that was outside of the boundary of the SWF file. (51389)
56. Web - Fixed a flash rewriting issue. (47792)
57. Web - Enhanced the way the IVE handles and signs its certificates. (49972)
58. Web - Attachmate SSH applet is working fine via rewriter for SSH (49822)
59. Web - Since Java 1.6 changed the behavior of accepting caching headers, the combination with the IVE was causing Java applets to be fetched multiple times when using "Smart Caching". This is now fixed so that the applet is only fetched once. (50121)
60. Web - Enhanced java applet support. (50887)
61. Web - Resolved some corner rewrite issues. (50722)
62. Web - Enhanced rewriter to support more java based applications. (47599)
63. Web - Resolved some corner rewrite cases. (50706)
64. Web - Filename is not saved as "default" when its lengthy (in IE) in Japanese OS.
 1. (45746)
65. Web - Able to log into the specified URL via IVE. The cookie JSESSIONID is set. (47721)
66. Web - Able to see the "No Records Found" message instead of the Error. (50693)
67. Web - Added rewriter support to launch Siebel 7.7. (50922)
68. Web - Fixed an issue where a page did not completely load when a SSL-enabled backend server sends a gzipped response and keeps the connection open even after sending the entire gzipped content. (48754)
69. Web - Enhanced rewriter capabilities to support "[file:\](#)" links in OWA. (50013)
70. Web - Resolved a corner rewrite issue. (49815)
71. Web - Improved the rewriter when handling JavaScript filters. (50683)

72. Web - Enhanced rewrite filter capabilities so that it can handle very large responses even if the entire response is one line. (50877)
73. Web - Enhanced the rewriter filter logic so that we can handle invalid inputs. (51627)
74. Web - Users can now add shortcut links in Sharepoint 2003 via the rewriter. (51760)
75. Web - Enhanced the rewriter. (49275)
76. Web - Fixed a rewriter issue where digitally signing messages with OWA S/MIME Control caused an error. (51574)
77. Win Term Svcs - Fixed an issue in Citrix Terminal Services with custom ICA file where the ScreenPercent parameter is not considered when SSO is defined. (46623)

Known Issues/Limitations not Fixed in 6.0R2 Release

The following list enumerates known issues which were not fixed in this release:

1. ESAP Package 1.2.4 does not detect the following anti viruses:
 - 1) English Symantec Norton AV 2008 English Licensed 20080910 NV
 - 2) English Symantec Norton Internet Security 2008_15.x_English_20080926
2. OpenSSL on the IVE does not fully support the certificate policy extension. The IVE will ignore the certificate when it contains this extension.

Known Issues/Limitations Fixed in 6.0R2 Release

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

1. AAA - Now cert validation errors for unsupported critical extensions will be ignored. (49259)
2. AAA – Resolved an issue where Password Management was not letting users know that their passwords are going to expire. (50937)

3. AAA - Resolved an issue with incorrect rewritten URL when Siteminder authentication is used. (48575)
4. AAA - Resolved an issue that may cause login and logout messages in the user access logs to be inaccurate. (46512)
5. AAA – Custom challenge expressions in the RADIUS server are now being transitioned. (50276)
6. CIFS - Fixed an issue with browsing of CIFS shares through IVE. (48200)
7. CS NC – Enhanced the method in which administrators can create NC ACL's. (50363)
8. CS NC – Improved client NC performance when downloading large files through NC. (49091)
9. CS NC – Resolved an admin UI issue where the wrong attribute was being displayed. (49652)
10. CS NC - Expanded the use of variable attributes. (50480)
11. EndpointIntegrity - Enhanced HC error checking. (48694)
12. EndpointIntegrity – Resolved an issue when common.zip was being downloaded with the latest ESAP package. (50610)
13. SysMgmt - IVE now properly reports ifSpeed. (14550)
14. System - Enhanced IVE performance when many users log in with different languages enabled in their browsers. (49475)
15. System – Enhanced IEV platform stability (50822)
16. UI - Japanese text no longer gets garbled when using the i-mode application (49983)
17. Virtual Desktop - Decreased the time taken to initialize SVW for restricted users so that it is as short as administrators. (47422)
18. Web - Fixed an issue with Flash rewriting where an image was not loading properly. (47565)
19. Web - Enhanced the flash rewrite engine. (48247)
20. Web - Enhanced Java applet rewriting. (49372)

21. Web - Fixed an issue where the rewriter was rewriting extraneously. (48634)
22. Web - Enhanced AJAX rewriting capability. (48641)
23. Web - Improved rewrite engine stability. (49764)
24. Web - Resolved some rewrite issues that only occur when using Firefox. (48642)
25. Web - Resolved some corner rewrite cases that occur with host name masking turned on. (48742)
26. Web – Improve rewrite engine performance (50825)
27. Web - Fixed an issue in rewriting where the flash slides are not automatically transitioned to the next slide (47590)
28. Web - Resolved an AD authentication issue when users were being locked out at n-1 attempts rather than n attempts. (49751)
29. Web - The Import Spreadsheet functionality in Sharepoint 2003 is now supported. For this feature to work, the IVE must be added as a trusted site. To add the IVE as a trusted site, go to Tools -> Internet Options -> Security -> Trusted Sites. (46787)
30. Win Term Svcs – Host names are properly being resolved if they start with numerical values. (50575)