

Juniper Networks Secure Access Release Notes

IVE Platform Version 7.1R5 Build # 19757

This is an incremental release notes describing the changes made from 7.1R1 release to 7.1R5. The 7.1R1 GA release notes still apply except for the changes mentioned in this document. Please refer to 7.1R1 GA release notes for the complete version.

Noteworthy Changes:

1. Ace authentication library

Starting with release 7.1R5, the RSA ACE authentication library that is responsible for communication with backend RSA ACE authentication servers has been upgraded. This upgrade will not result in any change in the behaviour of existing or new ACE authentication server instances defined on the SSL VPN platform. However the newly upgraded library is not compatible with 5.x versions of RSA Authentication Manager Servers.

2. Client-side Certificate Authentication

Starting in 7.1R2, for X.509 Root and Intermediate CA Certificates the 'BasicConstraints' critical extension field as defined in RFC 2459 must be present and set to true else the certificate may not be used during validating client certificates and as a result client certificate authentication and/or realm & role level client side certificate restrictions may fail.

3. Device Management Interface

Starting with 7.1R5, an additional RPC has been added that enables administrators to query the license server for leased license counts. Please refer to <http://www.juniper.net/techpubs/software/ive/guides/j-sa-sslvpn-7.1-dmiguide.pdf> for more details. (702341)

The NSM schema for this software version will not be published.

1. Since the schema for this software version is not published an attempt to manage a device running this version would result in adjust-os-version to fail on NSM. Device object needs to be deleted and recreated in NSM. After that, NSM will be able to manage the device using the published schema.
2. SA Device upgrade to this OS version using NSM would not work as noted in the General NSM limitations Section.

General NSM Limitations

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

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)

Best Practices for FIPS Devices

The following does not apply to configs exported from 6.5R5 and beyond:

1. Do not import a previously exported system config since it might contain a corrupted FIPS keystore database. If you must import an older system config, the option "Import Device Certificate(s)" must be unchecked when importing.
2. After upgrading to 6.5R2 it is strongly recommended that the system config be exported to take a back up of FIPS keystore database. The newly created system config will contain a clean FIPS keystore database.
3. After upgrading to 6.5R2, in case the admin console reports a "FIPS disassociated" state, go into serial console and reload the FIPS keystore database (Option 9 -> Sub-option 1).

Known Issues/Limitations in 7.1R5 Release

1. cs-nc-enduser - If "Remove Browser Session Cookie" is enabled for a role under Roles->Session Option then after the user logs in and launches NC or WSAM, the user is redirected back to the login page. (688498)
2. aaa-active-directory - In some cases if the computer name in the AD server configuration is changed while multiple users are logging in then the machine password stored on the IVE can be different from the one stored on the AD server causing role mapping based on AD groups to fail for all users. The login failures are reported in the user access logs as "Login failed. Reason: NoRoles". (710066)
3. asg-aaa-saml - "If the source ID field in the SAML configuration is not a base 64 encoded value then the SAML SSO will fail due to a validation check that has been added for this field. To workaround this issue, enter a string that is base 64 encoded." (734510)

Known Issues/Limitations Fixed in 7.1R5 Release

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

1. aaa-active-directory - During any one of the following operations listed below, if there are multiple users authenticating against the AD server then the machine password stored on the IVE can be different from the one stored on the AD server causing role mapping based on AD groups to fail for all users. The login failures are reported in the user access logs as "Login failed. Reason: NoRoles".
 - Restart of services on the IVE.
 - Upgrading or rebooting the IVE.
 - Failover from primary DC to backup DC
 - Clicking on "Test Account" in the AD server configuration page.(693968, 694089)
2. aaa-active-directory - In some instances, smbserver process might crash. (579389)
3. aaa-multisession - When same user logs in with a sign-in URL that has 2 realms associated to it and has an endpoint security check, results in Can't call method "getContextData" message. (671653)
4. aaa-other - Active users are still present in the passive node after a failover. All the users should get moved to the active node. (613480)

5. aaa-passwd-mgmt-nt-ad - Password change fails for iMode browser. (669524)
6. aaa-radius - CDL function incorrectly uses authentication server instead of directory server for evaluating custom expressions. (689157)
7. aaa-saml - When IVE acts as SP, SAML authentication fails. (665953)
8. clustering-other - There is a dsnetd memory leak in SA6500 and SA6000 clustered environments. (688265)
9. cs-nc-enduser - Network Connect fail to launch on a FIPS device if both 128-bit encryption and encryption strength enforcement are enabled. (589176)
10. cs-nc-enduser - While installing NC on RedHat linux, it prompts for root password (591691)
11. cs-nc-enduser - Once IVE is upgraded, previous version of Credential Provider on Windows 7 shows an error when installing new NC version and NC mini browser does not auto-launch after the user logs on to the computer. (667800)
12. cs-nc-other - UDP packets with TOS bits set were not sent to NC virtual adapter (555240)
13. cs-wsam-admin - To reduce number of policies in WSAM policy framework, WSAM Destination Server list for role-based ACLs facilitates multiple lines to be added. (526728)
14. cs-wsam-enduser - WSAM Pulse stops sending traffic when there is change in IP even when roaming is enabled. (667287)
15. cs-wsam-enduser – Even though there are multiple entries specified for the same application in the “WSAM supported applications” section, only one of the entries is used. (676567)
16. cs-wsam-enduser - The IDD_Timeout message is displayed in the WSAM UI when the IVE has closed the session but WSAM is still sending/receiving data. (676632)
17. endpointintegrity-svw - IE8 with Google Toolbar installed crashes inside Secure Virtual Workspace. (670872)
18. meeting-series-javaclient - Java detection problem with Firefox 7.0.1 prevents starting of Secure Meeting or Host Checker clients (695829)
19. pulse-other - If a Pulse client tries to connect when a session is already alive with the same user connected, RealmSignin crash occurs. (586439)
20. pulse-other - When ACE is set as a secondary authentication server, Pulse client gets into a loop during next token mode. (681700)
21. pulse-other - Session start script doesn't work when Pulse is launched. (684798)
22. pulse-proxy - Proxy settings (Instantproxy.pac) doesn't get updated on the PPP adapter when Pulse is launched using IE. (689367)

23. system-i18n - For LDAP auth, if realm option "Maximum number of sessions per user" is lowered, the next user to login sees "Invalid Username/Password" and logs incorrectly show "Login rejected due to internal error". (598787)
24. system-other – In very rare cases, web server can prematurely close connections to JSAM clients. (661618)
25. system-other - User session in cache is not getting deleted even if persistent data is not configured for the user. (678112)
26. web-ive-toolbar - In IVE toolbar, when session counter is enabled, the label displayed in French browser is not translated properly. (692622)
27. web-java-sun-jvm - For applets signed by code-signing certificates, whose CA is not present in the IVE, a self-signed device certificate is used to re-sign the applet (669437)
28. web-other - Javascript error while loading a customer application in IE. (664675)
29. web-other - Admin UI takes long time to display profiles when there are more than 300 terminal service profiles. (665331)
30. web-other - Customer specific PDF application does not work with rewriter. (685011)
31. web-other - User gets Permission denied error while accessing CKEditor through Rewriter. (688023)
32. web-other - JSON-DOM Style object is not getting rewritten properly (697052)
33. web-other - Issue with client side rewriting of incomplete HTML tags. (700464)
34. web-ptp-other - There is a rewriter issue when SWF tries to do string manipulations of URLs. (684403)
35. web-rewrite-filter - When processing large web pages through a rewriter filter, the filter process might crash. (592782)
36. web-sso - NTLM authentication doesn't happen for a specific user when the user enters the credentials in the intermediation window (684845)
37. web-webproxy - POST request fails when using authentication proxy and data size is over 4096 bytes. (669656)
38. win-term-svcs-enduser - Japanese file names for Citrix Listed Applications under the Terminal Sessions are showing up incorrectly. (680804)
39. win-term-svcs-other - Citrix listed application gives error "Unable to load Citrix Listed Applications, please contact your administrator" on bookmark page if the password has leading spaces. (677515)
40. win-term-svcs-other - The Hob applet licenses run out prematurely when Dynamic Policy Evaluation is enabled on the IVE. (678832)
41. win-term-svcs-other - Client detection does not happen correctly with Citrix WI 5.2+ on Mac and WI 5.4 on

Windows. (682251)

42. win-term-svcs-other - User password with euro symbol prevents fetching of Citrix Listed Applications. (682530)
43. win-term-svcs-resource-profiles - Read-Only administrator is unable to see configured "Connect Devices" options under Terminal Services Resource Profile Bookmark. (689815)
44. asg-sysmgmt-config-import-export – If Shavlik patch updates are configured, XML import/export and NSM updates fail. (688601).
45. endpointintegrity-custom-check - Hostchecker fails for policy where Japanese file name is configured in custom registry setting check. (668851)

Known Issues/Limitations Fixed in 7.1R4.2 Release

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

1. asg-aaa-active-directory – If there is a failover from the primary domain controller (PDC) to the backup domain controller (BDC) then role mapping rules based on group lookup might start failing. (702777)

Known Issues/Limitations Fixed in 7.1R4.1 Release

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

1. aaa-clustering-other – On SA6000 &SA6500 devices, there is a small memory leak in one of the processes. (688265)
2. aaa-active-directory - When using AD authentication server, smb server crashes are seen. (693394)
3. aaa-active-directory - When AD group lookup is enabled for role mapping, role mapping might fail intermittently. (696332)

Known issues/Limitations in 7.1 R4

The known issues below apply to all 7.1-based releases unless otherwise specified.

1. cs-nc-enduser - When NC is launched, the message "your session on the machine expired" may be shown up in the browser when manual proxy is configured on server side. (682050)
2. cs-jsam-enduser - When using Safari 5.1, the JSAM launcher window may not always close automatically after JSAM is launched. (679757)
3. meeting-series-enduser - A Mac 10.7 machine cannot be used as a presenter in a secure meeting. (604493)
4. uac-oac-client-other - OAC does not yet support Mac OS X 10.7 (Lion). (658607)
5. aaa-client-cert - Safari 5.1 browser on MAC 10.6 crashes with client certificate authentication. (682384)

6. aaa-client-cert - Auto import feature doesn't work with MAC OS 10.6 with Safari 5.0 and 5.1. (682434)
7. cs-jsam-enduser - Traffic will not go through JSAM if the application is configured in the client's host file on Mac 10.7. (681913)
8. cs-wsam-other - TFTP doesn't work with WSAM. (686935)
9. cs-nc-other - Session start script doesn't work for Mac NC clients if the shell script is located in a remote windows file share. (683068)

Known Issues/Limitations Fixed in 7.1R4 Release

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

1. aaa-active-directory - When accessing the login page, users may see Internal Server error If the primary authentication server is configured to AD. (561350)
2. aaa-custom-sign-in - There is duplicated text in the Korean translation of PasswordExpiration.html. (596814)
3. aaa-custom-sign-in - IVE doesn't display correct RADIUS challenges to password change requests. (660415)
4. aaa-radius - In A/P and A/A clusters, Radius accounting of Network Connect packets is inaccurate if the user's session fails over from one to the other, or a user session is ended by other node than the one the user is being served by. (612740)
5. aaa-saml - Role mapping based on SAML attributes fail if a secondary auth server is configured and when a SAML server is configured as a primary Auth server. (668767)
6. aaa-sign-in-pages - End user message has been changed when user attempts to launch WSAM after user session has ended. (678720)
7. cachecleaner-end-user - Cache Cleaner doesn't work when wildcard "*" is configured for browser cache hostnames entry. (664270)
8. cs-nc-admin - Total NC bandwidth is not being computed correctly when bandwidth management policies are configured on the IVE. (661540)
9. cs-nc-enduser - Users are prompted twice for credentials to re-sign in after signing out of the NC standalone Mac client. (584992)
10. cs-nc-enduser - When user clicks the 'Signout' button on the web page while NC is running, in some cases the user might see an error popup from NC. (659242)
11. cs-nc-policies - The file path for NC start and end session scripts are parsed correctly only if the environment variable is not embedded in the path. Multiple environment variables in the file path are also not allowed. (660199)
12. cs-wsam-admin - To reduce number of policies in WSAM policy framework, WSAM Destination Server list for

role-based ACLs facilitates multiple lines to be added (526728)

13. endpointintegrity-opswat - Host checker always fails an Anti-spyware check for Microsoft Security Essentials. (605368)
14. endpointintegrity-others - When ActiveX & Java are disabled in the browser, Vista users cannot connect to non-HC realm even though the Sign-in URL is associated with both HC and non-HC realms. (398867)
15. meeting-series-other - The secure meeting compatibility message is incomplete when the localization on the IVE is selected as German. (667247)
16. msp-vlan - IVS is routing the http and activesync traffic via the internal port instead of VLAN port when VLAN port is set as default internal port. (610471)
17. pulse-hostchecker - When using Junos Pulse, if the HC option "Monitor this rule for change in result" is selected, role re-evaluation does not happen until the realm level dynamic policy evaluation configuration time kicks in. (670594)
18. pulse-other - The URL field does not get populated when adding a web bookmark in Pulse on iOS. (604762)
19. pulse-other - VPN on demand fails for iPhone when WSAM and terminal services are disabled on the role. (659719)
20. system-other - License server CPU spikes after deleting license when license client tries to pull state from server. (678421)
21. ui-enduser - In some instance, terminal Service session bookmarks take a long time to display on the IVE home page. (664815)
22. web-flash - Links embedded in the SWF player is not played through the rewriter. (663361)
23. web-other - POST method through the rewriter might fail if the POST request is submitted multiple times before the previous request has completed. (574234)
24. web-other - The search option for the ATG Business control center web application is working incorrectly through rewriter. (593921)
25. web-other - Script error while loading .js files through rewriter. (603460)
26. web-other - Checkin from Local drafts folder is not working with Sharepoint 2007 through the rewriter. (607567)
27. web-other - Java window showing icons and tree view of folders displays blank in IE through rewriter (658525)
28. web-other - User cannot authenticate and connect via email proxy. (658554)
29. web-other - Print option failed to work when accessing through the rewriter after upgrading SQL Server Reporting Services print client. (659910)

30. web-other - The javascript rewriting of location.pathName does not work in some instances. (662995)
31. web-other - UTF-8 filenames are not being displayed correctly in Firefox when accessed through the rewriter. (664261)
32. web-other - URLs containing hex character codes are not being rewritten correctly. (664842)
33. web-other - URLs with HTML decimal codes for certain instances are not rewritten properly. (669388)
34. web-other - Unable to download a PDF file through PTP because the content-disposition header is being removed. (669765)
35. web-pdf - While accessing pdf files created by PDFCreator version 0.9.3, the rewriter crashes. (580418)
36. web-ptp-other - When a web resource is accessed through PTP, complete data is not getting sent in the POST request. (664333)
37. web-selective-rewrite - Problem rendering web page through rewriter on Chinese OS. (672996)
38. win-term-svcs-enduser - When accessing CTS with custom ICA file and SSO enabled scroll bar displayed when window is minimized and restored. (606602)
39. win-term-svcs-enduser – Terminal services are slow when using a load balancer (676023)
40. win-term-svcs-policies - Installed Java RDP applet is not launching when a WTS policy is on top of the page list. (610683)
41. system-other - Syslog traffic is not going through the management port when the port is enabled. (610866)
42. cs-jsam-end-user – Unable to launch JSAM on Mac 10.6 and 10.7 with Safari 5.1 installed; an error is displayed “This browser does not use Cocoa Java Plug-in.” (604967)
43. cifs-enduser - Windows file share for a user is not accessible when a windows files link on the corner of the files section instead of accessing the file bookmark is accessed as it stays on the same page instead of prompting for the credentials. (664612)

Known Issues/Limitations Fixed in 7.1R3 Release

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

1. aaa-ace – In RSA ACE authentication, if the user lingers on the new pin and next token pages, the authentication process might fail. (584002)
2. aaa-active-directory - If account password between DCs is out of sync, it can cause login failure for users. (579423)
3. aaa-delegatedadmin - Unable to delegate virtual desktop resource to a delegated admin role. (598772)
4. aaa-ldap - Saving of LDAP server instance results in “Invalid base DN or Filter” error message when referral

response is received from the server. This error message has been changed to “Verification leads to Referrals, Base DN and Filter cannot be verified”. (559963)

5. aaa-ldap - LDAP users are unable to change password when the password contains special Swedish characters. (600901)
6. aaa-radius - If RADIUS Challenge-Response is used as Secondary Authentication then users are unable to login. (595373)
7. aaa-realm-authrestric - Simulation of role mapping based on custom expression for date incorrectly uses IVE's system time instead of the variable in the simulation query. (606606)
8. cifs-other - While doing unix/nfs file browsing delete button is not shown when only one file or folder exists in the directory. (604219)
9. cs-jsam-enduser - JSAM tool fails with Windows 7 Japanese client images. (602260)
10. cs-nc-acls - NC ACL with specific port number or with range of port numbers (eg: protocol://ipaddress:portnumber, protocol://ipaddress:prange1-prange2,) does not work with fragmented IP packets from client or backend server. (590765)
11. cs-nc-enduser – Occasionally, RDP to a Windows 7 client fails after the NC tunnel is disconnected. (574357)
12. cs-nc-enduser - The forced password change at next login for an AD user does not work through the NC mini browser. (588451)
13. cs-nc-enduser - Network connect and 4G connection fails with Sprint USB internet card in 4G mode. (590314)
14. cs-nc-enduser - Mac OS X users intermittently require two authentication attempts for stand alone NC login. (593575)
15. cs-nc-enduser - NC launcher login credentials are erroneously processed when realm is not specified. (593661)
16. cs-nc-install-upgrade - Launching NC gives error in Windows XP SP2 if PUBLIC system environment variable is set to a folder that is not present. (595200)
17. cs-nc-other - When DPE is enabled, any NC access changes triggered by an HC compliance change causes the NC tunnel to switch from ESP transport mode to SSL transport mode. (542767)
18. cs-nc-other – If the upgrade of NC on Mac OS X is interrupted then the installed version of NC disappears. (584633)
19. cs-nc-other – If a user launches NC while the NC tunnel is already established, the new NC session does not use the configured proxy settings. (586636)
20. cs-wsam-enduser – FTP transfers of large files occasionally fails through WSAM. (600743)
21. cs-wsam-install-upgrade - DNS resolution through WSAM fails if ZoneAlarm is also present on the client. (573726)
22. endpointintegrity-custom-check - Host Checker policy for file check fails with Japanese file names. (589057)
23. endpointintegrity-liveupdate - Intermittent errors while downloading the AV and Shavlik data from download.juniper.net. (565729)
24. juns-access-service - JIS service fails to start due to improper service status reporting to Windows SCM. (567141)

25. log-upload-admin - Client logs are now imported successfully across the IVE OS upgrades. (573242)
26. meeting-series-other - If the hostname under Network -> Overview is changed, the secure meeting notification email might sometimes refer to the previously entered host name. (606801)
27. msp-ivs - IVS maximum concurrent user limit is not being evaluated properly. (608463)
28. system-i18n - Specific Korean characters in realm names are not displayed correctly in the active users page. (594423)
29. system-install-upgrade - Admin authentication fails if the subscription based license has expired.(605464)
30. system-other - If the IVE is configured for OCSP checking of client certificates and if the OCSP response is signed with a Responder Signer Certificate that has Revocation Checking enabled then the client certificate authentication will fail. (559743)
31. system-other - The System Config Import option messages are now modified to match the expected behavior. (597726)
32. system-other - On SA6500 and SA6000 platforms, the HDD numbering starts from -1 instead of 0 in the System->Platform page on the admin UI. (603641)
33. system-network – A newly created VLAN is not usable unless the VLAN ID or the IP address is edited. (597696)
34. system-network- After deleting a VLAN from the admin UI, the console command ifconfig still shows the VLAN interface. (574388)
35. system-time - Erroneous NTP messages are logged when the update interval is small. (574572)
36. web-flash - Popup error is displayed when accessing a specific flash website through the rewriter. (564739)
37. web-java-sun-jvm - The Java rewriter fails if more than 20 jar files is listed in the archive list. (600980)
38. web-other - Rewriting of Microsoft Ajax method _createElement does not work. (583120)
39. web-other - In user access logs, the rewriter logs the number of bytes received based on the Content-Length header value instead of the actual number of bytes received. (583908)
40. web-other - User sees HTTP 404 error for HELP page when using Custom Help Page with custom port. (588371)
41. web-other – The javascript variable document.URLUnencoded does not work through the rewriter. (589423)
42. web-other – Due to insufficient support for SHA2, an HTTPS connection from the rewrite server to the web server results in an SSL certificate warning. (593644)
43. web-other – In the rewriter, unable to open or save an attachment of an encrypted email in OWA 2010 SP1, it fails. (594651)
44. web-other – File:// URL's where “file” is not all lower case in OWA emails are not rewritten. (595171)
45. web-other – Javascript rewriter issue while accessing the customer's web application. (598281)
46. web-other - During rewriting of Cognos reports extra text is added, causing improper results. (600188)
47. web-other – An issue exists in the XSL rewriter. (600886)

48. web-other - During rewriting, javascript error occurs when exporting an EXCEL file from a graph on the rewritten page. (601426)
49. web-other - If the value of the src attribute of an iframe tag is empty then content is rewritten incorrectly. (602430)
50. web-other - In rewriter it takes time to reload js files when webserver sends HTTP header without content. (611872)
51. web-sso - When using Kerberos SSO, IVE is sending Kerberos requests and DNS queries to the wrong Domain Controller. (590186)
52. web-sso - Authentication through the rewriter is broken if user belongs to a large number of AD groups. (592168)
53. win-term-svcs-enduser - Two WTS sessions are launched instead of one on a Vista machine with Firefox. (603627)
54. win-term-svcs-other - Unable to access Citrix resource through IVE if the application name contains a "+". (593343)

Known Issues/Limitations not Fixed in 7.1R2 Release

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

1. asg-system-other - On SA6500 and SA6000 platforms, the HDD numbering starts from -1 instead of 0 in the System->Platform page on the admin UI. (603641)
2. asg-system-network – A newly created VLAN is not usable unless the VLAN ID or the IP address is edited. If you are creating many VLANs at the same time, you can change the MTU value for the internal port, and all the VLANs will become usable. The MTU value can then be changed back. (597696)
3. asg-system-network- After deleting a VLAN from the admin UI, the console command ifconfig still shows the VLAN interface. To fix this, reboot the IVE. (574388)

Known Issues/Limitations Fixed in 7.1R2 Release

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

1. aaa-ace - Re-entering of a valid PIN after an invalid attempt is not getting accepted during ACE authentication. (566976)
2. aaa-delegated-admin – A delegated admin that has been denied access to specific roles is allowed access to these roles in the 'Role Mapping Rules' section. (578881)
3. aaa-multisession - Logout message for a user gets logged in the User Access Logs after "Session Timed Out" message is logged. (581264)
4. aaa-other - Passing a NULL to token replace enumerator leads to a crash. (566510)
5. aaa-other - For One Time Password authentication, following log out, navigation to the sign-in page goes to the One Time Password authentication page instead of to the welcome.cgi page. (568559)
6. aaa-other - Order of realms is lost in sign-in pages while editing a sign-in URL. (575967)

7. aaa-realms – Secondary password length restriction is not honored if the primary authentication server is configured for Certificate Authentication. (579064)
8. aaa-saml - SAML assertion consumption limit is now raised to appropriate value. (592651)
9. aaa-sign-in-pages – When logging in with a browser that fails a realm-based browser restriction check, the HTML tags in the welcome page is displayed as is. (571114)
10. cifs-bookmarks - File bookmarks will now appear when selected with 'only under the FB section'. (589886)
11. clustering-active-passive - Both the nodes in the Active/Passive cluster constantly change the state and think that they are leaders when more than 100 routes are configured. (548407)
12. cs-nc-enduser - NC Credential Provider login fails for a Domain user logging in for the first time into the client, when HostChecker is enabled. (492785)
13. cs-nc-enduser - NC on Mac gets disconnected when switching between wired and wifi connections although roaming is enabled. (546545)
14. cs-nc-enduser - After launching NC, Connection Specific DNS Suffix is getting removed if the DNS option is set as "Append primary and connection specific DNS suffixes" at client machine. This fix does not support "Append parent suffixes of primary DNS suffix" option. (565647)
15. cs-nc-enduser - NC crashes on Macbook air platforms. (569681)
16. cs-nc-enduser - NC launch from the command line fails if the CRL is unreachable . (570220)
17. cs-nc-enduser - On Mac OSX, Standalone NC does not save the sign-in URL after upgrading NC. Note that the fix for this PR is in the "upgrade from" code, not the "upgrade to" code. So if you are upgrading NC from a fixed version, and you manually enter a URL, the URL will populate automatically after upgrade. (574114)
18. cs-nc-enduser - The NC connection fails due to incorrect parsing of the proxy exceptions list in the client browser. (584226)
19. cs-nc-other - NC Help button in Mac Network Client doesn't work in the user login page. (544335)
20. cs-nc-other - NC occasionally is slow to launch on Windows 7 and Windows Vista machines. (562812)
21. cs-nc-other - There is a small memory leak for each NC tunnel. (568152)
22. cs-wsam-ppc - Password management fails for a windows mobile device with certain authentication mechanisms. (568857)
23. endpointintegrity-admin-ui - Host Checker rule for windows gets evaluated in Linux when the HC policy has 2 rules, one for Windows and another for Linux with the same rule name. (553014)
24. endpointintegrity-admin-ui - In Host Checker, Windows 2003 64-bit is not available as a Predefined OS Check. (580429)
25. endpointintegrity-ees - AED fails to initialize after pulse is installed. (551613)
26. endpointintegrity-svw - Upgrade from pre-6.5 to 6.5 disables SVW child policy. (557077)
27. meeting-series-enduser - When using Secure Meeting on Vista/Windows 7 (x64 and x32) and IE 8 (32-bit), a warning may be seen that the "application must be started through a browser" if the application takes >10 seconds to start even though the application launches successfully. (535507)

28. sysmgmt-nsm-rendering - NSM is displaying the roaming netmask field, even when it is not displayed on SA. (540419)
29. sysmgmt-snmp - The help text is now modified properly for the iveLogsFull/iveLogsNearlyFull traps. (561372)
30. sysmgmt-snmp - IVE returns incorrect interface statistics due to an erroneous file read operation. (573573)
31. system-digital-cert - CRL download messages are not properly displayed in the event log. (573091)
32. system-install-upgrade – Upgrading a FIPS cluster to 7.1/4.1 releases may fail.(601088)
33. system-licensing - License client is unable to surrender permanent license. (600230)
34. system-other - Bond interfaces for unused ports are created on the device which results in SNMP notifications for these ports. (565030)
35. system-other - Setting Syslog server hostname restarts the network services if the dns server is unreachable. (569090)
36. system-other - Incompletely downloaded anti-virus definition update files are not deleted from the IVE. (572743)
37. system-other - SA sends improper SNMP traps for OCSP. (574598)
38. virtual-desktop-end-user - Issues with Citrix connectivity in SVW due to short name being used for creation of virtual directory. (566043)
39. virtual-desktop-end-user - Users are unable to launch Control Panel from SVW on Windows 7. (567817)
40. virtual-desktop-end-user - Within SVW, web page sometimes garbled (578485)
41. virtual-desktop-end-user - Avaya IP agent doesn't launch inside SVW (581758)
42. virtual-desktop-other - SVW Custom application list is not working properly in Windows 7. (575270)
43. web-java-sun-jvm - Improper re-writing of URL containing quotes causes JAVA applet of Business Objects InfoView (BO 11 R2) application to not load. (565616)
44. web-other - Java applet does not load due to improper re-writing of multiple class-paths defined in the manifest. (532646)
45. web-other - If two web applications are configured in PTP port mode and one of the applications is Sharepoint, the non-Sharepoint application might not work through PTP. (543093)
46. web-other – HTML tags within comments are not rewritten correctly. (560109)
47. web-other - Incorrect truncation of a swf url with spaces leads to an assert. (563704)
48. web-other - Rewriter has issues handling "Refresh: 'url=#' ". (567957)
49. web-other - User gets signed out of chat when trying to send an IM using Lotus Sametime through rewriter. (578809)
50. web-other - User is unable to download xls file through rewriter for particular customer application. (584685)

51. web-other - Japanese Google home page is not being rewritten correctly through the NTT i-mode phone. (588688)
52. web-pdf - Links inside a PDF file are not getting rewritten correctly. (568994)
53. web-pdf - While accessing pdf files created by PDFCreator version 0.9.3, the rewriter crashes. (580418)
54. web-selective-rewrite - Rewriter issue with word webfile cab/activex (569022)
55. web-supportedapps - Lotus iNotes 8.5.2 does not work using Firefox through the rewriter. (555737)
56. win-term-svcs-policies - Connection to a Citrix server on a custom port fails. (577932)
57. system-licensing - License grace period has been increased from 5 days to 10 days in case if a cluster node goes down. (582431)

Known Issues/Limitations in 7.1R1.1 Release

1. A new Pulse client version (downloaded from a 7.1R1.1 server) cannot connect to an older server version if any of the following three options are configured on the server: Shavlik patch assessment, Advanced Endpoint Defense, or Auto-update patch management. (593781)