1. Release Summary

Release Date: Nov 19th, 2009
Purpose: Software maintenance release to address customer requests and software issues.

2. Important Notes before Upgrading to This Release

None

3. Platforms Supported

Microsoft Windows 7 (32bit)
Microsoft Windows Vista (32bit)
Microsoft Windows XP (32bit)
Microsoft Windows 2000 (32bit)

5. Version of Previous Release

NHA v5.2.1.0_003

6. Compatibility

For server products (NVG and NSNA) that were released before 11/18/2009, following fixes are not available:
Q01994474, Q02026068, Q02039279, Q02039891 and Q02034003.

7. Changes in This Release

New Features in This Release

- NAP support to NVG
    Network Access Protection (NAP) is a platform and solution that controls access to network resources based on a client computer's identity and compliance with corporate governance policy. It provides an integrated way of validating the health state of a network client.
    In this release, NHA added NVG NAP support that NVG will work with NAP clients (with or without a Microsoft NPS server) through NHA.

- Upgrade of OPSWAT OESIS Local SDK
    NHA does certain check and control of 3rd party security software (antivirus, antispyware and firewall) through OPSWAT OESIS Local SDK. In this release, we upgraded the SDK from v2.5.8.3 to v2.5.19.1 which contains OPSWAT's bug fixes and support for new vendors (antivirus, antispyware and firewall)

Problems Resolved in This Release

CR Number	Description

Q01994474	**NHA's check for Symantec Virtual Desktop fails when run from inside a Virtual Desktop** If a rule is defined to detect Symantec Virtual Desktop (VD), NHA works fine only if the NHA is running on the VD's host machine, i.e. outside of the VD. If the NHA is running inside the guest VD, it fails to detect the VD that it's running on. The issue has been fixed.
Q02026068	**NHA still does periodical SRS check while the RunOnce feature is enabled** By default, NHA does periodical SRS check at an interval that's specified on the server. When the "RunOnce" is enabled, it is supposed to check once only. There was a bug that multiple checks were executed while the RunOnce was enabled. The issue has been fixed in this release.
Q02039874	**SRS check failure notification not shown when a trigger action is enabled for the rule** NHA doesn't show SRS compliance check failure message when a trigger action is set for the SRS rule. The NHA icon doesn't change to "fail" status either. The issue has been fixed.
Q02034162	**Installable NHA launches trigger action more than once.** For installable NHA, the trigger action command is executed more than once when connected using NetDirect and NVC. It should execute only once. The issue has been fixed.
Q02039279	**First created SRS rule doesn't show up instantly.** When creating first SRS rule (either custom or predefined), the newly created rule is not listed in the SRS rule tree under "Rule Definitions" tab. The Admin applet has to be re-launched to show the rule. The issue has been fixed.
Q02039891	**Sometimes the removal permissions for trigger actions are incorrect.** In NHA Admin applet, assigned trigger action should be read-only while unassigned trigger action is removable. Sometimes, the behavior is inconsistent. This issue has been fixed.
Q02055590 Q01841050	**Trigger action for predefined antivirus or antispyware software doesn't launch.** For predefined SRS rules on antivirus or antispyware software, the compliance check works fine but the associated trigger action doesn't get launched when the check fails. This bug has been fixed.
Q02040386	**Trigger Fail action of Teardown is launched twice.** NHA Trigger action for failure scenario is executed twice when NHA is configured as teardown mode. Expected is trigger action should execute once. This bug has been fixed.
Q02047746	**Nortel Applet Signing certificate expired.** The Nortel certificate used for signing applets is expired that a warning message will pop up when launching the NHA applets. The certificate has been updated with a valid one.
Q02034003	**Unable to construct NOT SRS rule with single rule expression.** It is not able to create a 'NOT' rule expression for a rule when there is only single rule. This bug has been fixed.
Q02048039	**Occasionally NHA may take too much CPU resource.** Occasionally, the NHA can take up to 99% of CPU time. We fixed the issue in this release.

8. New Outstanding Issues

None.

9. New Known Limitations

CR Number	Description
Q01778543	**[OPSWAT] Trigger action fails to run for Norton antivirus 14.x** Configure a predefined software definition for Norton Antivirus 14.x and configure "Trigger Full System Scan" on verification failure. On failure, NHA triggers the action, however, the OSWAT library fails to execute the scan. This is an issue with OPSWAT. We'll update NHA once a fix is available.
Q01993742	**Installable Client Not triggering live updates/System scan on Antivirus software** Configure a predefined software definition for Panda Internet Security Software version 2008 12.x to check virus definition. Configure trigger action on failure as "Trigger Definition update". The virus definition update doesn't get triggered. This is an issue with OPSWAT. We'll update NHA once a fix is available.
Q01992567	**Manage Profiles window is getting hang when other window is open at same time.** When the manage profile window open, trying to another windows (Status window, Configure window or About window) and pressing the "DONE" option will cause the Manage Profile window hang.
Q01869721	**Client machine might be put on non-compliant VLAN while it's compliant.** after NAP_802.1x: [NSNA] When a non-compliant user logs in a compliant machine after a reboot. The machine is put on non-

	compliant VLAN with an error of "NHA Vendor-Specific attribute not found". This problem might be related to the order of Microsoft NAP agent start up and machine authentication. We're investigating the issue.
Q02085460	**Occasionally Delayed domain logon for roaming profile users. [NSNA]** This feature is related to NSNA only, not NVG. Occasionally the domain logon for roaming profile user will take up to 5 minutes. We're preparing instructions on how to properly configure the machines (Domain server, Client machine and NSNA) to avoid this issue.
Q02063032	**In NHA admin applet, elements for "Replace with" menu option don't show up.** The "Replace with" option is a menu item when user expands an SRS rule tree item under the Rule definitions tab and right click on an SRS item. Elements are supposed to show up when the menu is clicked, but none is displayed.
Q02055600	**Occasionally Compliance Failure notification message is displayed while the check has passed.** Sometimes SRS fail notification message is displayed for even though compliancy check has passed. The issue is intermittent.
Q02053508	**[OPSWAT] Trigger action fails to run for Symantec antivirus 10.x** Configure a predefined software definition for Symantec Antivirus 10.x and configure "Full System Scan" on verification failure. On failure, NHA triggers the action, however, the OSWAT library fails to execute it. This is an issue with OPSWAT. We'll update NHA once a fix is available.
Q02039768	**Occasionally when user login using NVG SPO Client, NHA may report false failure and cause logout.** Occasionally when using NVG SPO Client, NHA may report false failure and cause logout with error of "java.io.EOFException" in java console.
Q02039312	**Rule definitions Menu and tabs behave inconsistently/incorrectly.** In the Rule definitions tab screen, when clicking on tree items SRS rule, trigger action or display messages, the corresponding tab is not opened in right pane.
Q02059214	**Incorrect notification message shown for SRS check failure** In the check failure notification, information of connection type, user info, server IP address and etc. are incorrect.
Q02032733	**[OPSWAT] Issues with checking for Dr.Web 5.x and Avast Antivirus 4.8.x** NHA can't detect the existence of Dr.Web 5.x. Also, when doing compliance checking for Avast Antivirus 4.8.x with trigger action enabled, NHA hangs, therefore leads to server logout. These issues are related to OPSWAT SDK. We'll update NHA once a fix is available
Q01880371	**[OPSWAT] Trigger action fails to run for McAfee Antispyware 2.X** Configure a predefined software definition for McAfee Antispyware 2.x to check the virus definition update time is within 1 day. Also, configure to set real protection to ON verification failure. However, the real protection is not set ON in client. This is an issue with OPSWAT. We'll update NHA once a fix is available.
Q01930421	**Occasionally Windows Vista machine fails to get new IP address [NSNA]** This is an NSNA related issue. Login from NHA Desktop on Windows Vista, occasionally the machine fail to get new IP address.
Q01930427	**Stopping installable NHA service causes IP address reset. [NSNA]** This is an NSNA related issue. When the NHA service gets stopped, the IP address will be reset to 0.0.0.0.
Q01946618	**After waking from hibernation mode and a short time of disconnection, the system session can't come back up. [NSNA]** This is an NSNA related issue. On a Windows 2000 machine, after waking up the client from hibernation and then plug out and plug back in the interface cable, the system session does not come back up.

For other known issues, please refer to the product release notes and technical documentation available from the Nortel Technical Support web site at: http://www.nortel.com/support

To access more technical documentation, search our knowledge base, or open a service request online, please visit Nortel Technical Support on the web at: http://www.nortel.com/support