NetOp Desktop Firewall

Modification notes – version 3.0

Current version	3.0
Latest builds	
Client	191
Policy Server	65
Deploy Wizard	191
Shipping from	22 December 2006

The errors & improvements below have been implemented in NetOp Desktop Firewall v. 3.0.

New features

- ✓ NDF Deploy Wizard
  This Deploy Wizard can be used with Windows Group Policy to make an unattended deployment of the NDF on the client PC's.

Communication

- ✓ Improvement on login/synchronizing between NPS & NDF (especially while IP-address is changing for wireless connections).
- ✓ Improvement on "keep-alive" connection between NPS & NDF. This improves the stability.

Security

- ✓ The save-function to local database has been improved. So in case the local database crashes and then rebuilds itself data is saved.
- ✓ NDF update from NPS is improved.

Miscellaneous

- ✓ Detection of domain control via Setup Wizard improved.

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Modification notes – version 3.0

Current version	3.0
Latest builds	
Client	180
Policy Server	65
Shipping from	8 November 2006

The errors & improvements below have been implemented in the NetOp Policy Server part of NetOp Desktop Firewall version 3.0.

Communication

- ✓ When the Console is communicating with all Replica servers via Master Server then "keep alive packets" are send back to the console after each finalized Replica-request. This means that the console will get a notification for each Replica server updated. This ensures that the connection between the Console and the Master server does not time out
- ✓ When distributing replica servers from the console, the IP address of the master server will be distributed to the registry database. Before this correction it was the DNS-name.

Security

- ✓ The database could in some circumstances crash. This has been corrected.
- ✓ IP addresses that were reset when enabling/disabling Replica servers have been corrected.
- ✓ Resolving groups in Firewall Logon Administration dialog in the console has been changed to resolve all groups in AD instead of groups only present in "User" section.

Miscellaneous

- ✓ Timeout on socket connections is increased to 3 minutes from 1 minute, so slow networks will be more stabile.

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Modification notes – version 3.0

Current version	3.0
Latest builds	
Client	180
Policy Server	55
Shipping from	20 October 2005

The errors below have been corrected in NetOp Desktop Firewall v.3.0

Communications

- ✓ Wrong identification of applications/processes: In some situations and usually only after a cold boot, wrong information could appear with regards to the name of the process.
- ✓ Under certain circumstances FTP communication was rejected.
- ✓ Handling and selection of profile was not always correct, when using multiple profiles.
- ✓ When the Client was set to log into a Policy Server and the Policy Server was not available the icon in the notification area showed a misleading message.

Security

- ✓ The function Block all net blocked for all IP traffic only. This function has been changed to block all traffic including non-IP traffic.
- ✓ The code module responsible for treating the Ignore-attribute has been improved.
- ✓ ICMP handling used a simple filtering. It has been improved to ensure a stronger filtering on various specially crafted ICMP packets.
- ✓ Strengthen the ability of the Policy Server to perform self-healing, in the event where the setting has been changed, i.e Registry keys etc.

Miscellaneous

- ✓ The Client Packet log function did not identify all Ethernet records.
- ✓ When a process was killed the message in the log said 'Process killed by rule'. This has been changed to 'Process killed'.
- ✓ Automatic synchronization with the Policy Server from did not work from the Client's Graphical User Interface.
- ✓ When a program caused the "Prompt on communication" dialog box to appear on the Client, the focus did not return to the previous application that had focus after the dialog box was closed.
- ✓ Minor spelling mistakes in the Client CD and installation wizard.
- ✓ After changing a program in the Client the Program list was refreshed and the cursor jumped to the top of the list. This has been changed so that the cursor keeps its current position.
- ✓ Policy Server didn't remember the last window position.
- ✓ Import Firewall update file has been changed to filter on specific files related to an update.
- ✓ The module NetOp Policy Server Console caused access violation.

NetOp Desktop Firewall

Modification notes – version 3.0

Current version	3.0
Latest build	175
Shipping from	21 July 2005

The errors below have been corrected in NetOp Desktop Firewall v.3.0

Communications

- ✓ Automatic Profile switching under certain circumstances did not function correctly
- ✓ Switching profiles caused client synchronization with Policy Server, this was not a correct behavior
- ✓ When a client had detected that there was no connection to a Policy Server the NDIS Driver continued to make files requests to the Policy Server
- ✓ Policy Server script and profile treated as one item lead to inconsistent behavior on the client
- ✓ Trust Networks did not always allow all traffic this incorrectly blocking packets to a trusted site

Security

- ✓ Setting a "Kill Process" on a sub profile did not always kill the process

Miscellaneous

- ✓ Shipment with English and German programs and documentation for NDF
- ✓ Various string error within Tool Tips Menu
- ✓ Event log entries did not show Policy Server instant update event
- ✓ Packet Log view default size was not in a readable format
- ✓ Minor cosmetic errors in client interface
- ✓ The identification of NTOSKRNL.EXE parent process was displayed as 4194967295. This is now displayed as N/A
- ✓ Statistics average value was not stored in correct manner and so lost when focus was moved
- ✓ Help on Banned Networks when pressing F1 were not displayed
- ✓ XP Fast user switching 2nd user did not get a working NDF interface.

NetOp Desktop Firewall

Modification notes – version 3.0

Current version	3.0
Latest build	170
Shipping from	20 April 2005

The errors below have been corrected in NetOp Desktop Firewall v.3.0

Miscellaneous

- ✓ A number of issues solved relating to the Client not correctly updating its local database after interaction with one or more Policy Servers. The result could be corrupted local Client database and Client GUI crash.
- ✓ GUI crashed when Windows logged in as restricted user.
- ✓ Setting a "Kill Process" from Policy Server would not always result in correct update of local Client database. This could happen in the interval between load of the process on the client and general synchronization of the local database.

NetOp Desktop Firewall

Modification notes – version 3.0

Current version	3.0
Latest build	168
Shipping from	4 April 2005

The errors below have been corrected in NetOp Desktop Firewall v.3.0

Installation

- ✓ MSI Installer updated to facilitate installation on ISDN, ADSL USB and Serial Modems.
- ✓ Corrections to the NDIS Driver INF file which under certain circumstances failed to bind to a network adaptor on Windows 2000 Professional.
- ✓ To allow mass deployment of the client without the requirement for the GUI a check box has been corrected in the Transform Program.
- ✓ When the MSI installation was run from the command line not all installation events were logged.
- ✓ External read-only license file caused the installation to fail.

Security

- ✓ When a program was launched from a UNC path the local database became corrupted. This resulted in the client no longer being able to add or change existing items. The only solution was to reinitialize the local database.
- ✓ When attempting to enter a range of IP address for either a Trusted or Banned network the program would not always accept the value entered in the in the last octet.

Communications

- ✓ In certain circumstances the firewall would attempt to log onto the policy server every second.
  When this happened the local firewall event log recorded each login as a failure.
  This error also sent events to the local Windows event log, producing a large volume of information.
- ✓ During communication with the policy server, the local client did not always report the correct file version.
- ✓ During UDP communications with Netop Remote Control Guest, the firewall did not correctly react when the communications profile is set to "0" on the receive port.
- ✓ When running NetOp School Student and with the firewall installed, the firewall running stand alone without a policy server did not always prompt for communication. This would simply cause the firewall to block all NetOp School traffic.
- ✓ Under an unusual set of settings between Policy Server and the Firewall, a logic error would incorrectly assign the wrong local attributes.
  This logic error would manifest itself as the Policy Server setting for e.g. an "ALLOW COMMUNICATION" attribute had been set and the client would run this program as expected. But on the next polling from the client to the policy server a "PROMPT FOR COMMUNICATION" attribute would appear at the client.

Miscellaneous

- ✓ The "Kill Message Dialog" did not appear even though the option to display this message dialog was checked.
- ✓ When selecting Column Headings from within the packet log the options selected were not retained.
- ✓ Sentence structure of the prompt dialogue was incomplete when a file that had been moved or updated was run and already known to the local database.

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- ✓ Legend settings within the packet log were only remembered for that session and lost when focus was moved to another item within the firewall.
- ✓ The firewall tray icon did not respond correctly when double clicked. The correct behavior now launches the firewall GUI when minimized.
- ✓ Errors and Alerts within the Event Log had misleading sentence structure.
- ✓ Screen shots in user manual corrected.