UPDATE TAB

Main Tab of the NOD32 Control Center. Allows setup of the automatic update parameters of NOD32 anti-virus system.

Location group serves to set the location of the update files and the user access privileges to these files. Particular parameters within this group are presented in the following text:

- **Server** – facilitates selection of the update server.
- **Username** – the <u>username</u> assigned for server access. If the update is performed via a local network, and no need for access authorization is necessary the parameter could be left blank provided Windows 95/98/ME is running on a particular computer. For Windows NT/2000 operating system, entry of the username with access privileges for selected directory is recommended.
- **Password** – the password corresponding to a particular username.
- **Save password** – if checked, the password will be saved and will be used upon the next restart of the computer. Otherwise, the password would have to be used upon each update of the system.
- The **Server** – option displays the <u>dialog window</u> allowing the option of alternative locations of the update files. This option is particularly important when the system is updated via LAN.

The Update Tab also allows to set the update scenario. Three options scenarios are supported pursuant to the following description:

- *Minimum* – this type of update provides actualization of the system so that its virus detection capabilities were current. The files having no direct influence on the detection capabilities (e.g. application environment) are not updated unless they are necessary to secure the functionality of the core of the system. This option may be a good choice for a limited transfer rate capacity (such as cellular phone modem connection).
- *Full* – all files with available update will be updated. This will be a preferred option for computers connected to Internet via a leased line, LAN or those updated by means of a CD-ROM.
- *Ask* – in this case, a user has full control over the update process. Detailed information on a particular update is displayed and the user is prompted to select a specific update scenario. This update option is appropriate for those users who wish to have full control in the update process, and it can also be used when the connection to the update server is very slow, since less frequent update can be selected. An update of both virus database and application environment is equivalent to a Full update scenario.

Tagging the option of **Automatic update every** *XX* **hours** will cause the system to check the availability of new updates every *XX* hours and, if applicable, will carry out the update of the system. The update can also be performed immediately by clicking at **Update now** button.
The **<u>Connection Setup</u>** button is used to set up different internet connection options.

Two basic types of system updates are available: a/ update of the application environment (less frequent, larger update files) and, b/ virus signature database update. In the latter case, the update of the resident protection module (AMON) is automatically performed while the module is running. There is no need to quit the program and/or restart the updated computer. For a system environment update (a/) to become effective, restart of the updated computer is required.
If there is a need that a particular (Windows NT) server uses the current virus signature database and runs without any shutdown, the option of **Automatic update** and **Minimum** update type may be selected.

Connection setup

Connection setup group serves to define/set the internet connection and proxy server parameters. The following three Internet connection modes can be selected:

- **None** – select this option if no connection to internet is available for a particular computer. The system update, in this case, can be performed via LAN or a CD ROM.
- **Lan/Fixed line** – this option is selected for a permanent internet connection via LAN or a fixed phone/cable line.
- **Dial-up** – will be selected for a modem connection. When this option is selected, the Control Center will monitor connection status and will perform the update while the connection is active.

Tag the Use proxy server check-box if applicable, i.e. the connection to internet is realized via a proxy server. If selected,   the following items need to be specified as well:

- **Address** – name or an IP address of the proxy server.
- **Port** – proxy server port.
- **Username** and **Password** needs to be selected if the proxy server requires authentication. More details on the username format can be retrieved here.

Server setup

This dialog allows adding/removing other update sources in addition to the predefined ones. This will mainly be used when the update is done in a LAN environment.
- **Server list** contains all user-defined servers.
- **New server** – entry line for the URL path to the update files. Examples:
    1. for an update from a local server: localserver, with a disk named diskc and directory \nod32\ update

       the corresponding entry will read: file://localserver/diskc/nod32/update/.
    2. if the server: www.myserver.sk is used and the path (to the update files is the same as in example 1.) the entry will read: http://www.myserver.sk/nod32/update/.
- Clicking at the **Add server** button will result in adding the server specified in the **New server** entry, into the list available of servers.
- To remove selected server from the list, click at **Remove server** button.

Info Tab

Displays the information on the currently installed NOD32 anti-virus system and on the operating system.
To copy the contents of the **Info Tab** into a clipboard, click at the **Copy to clipboard** button.

Log Tab

The Tab contains the Log of events/incidents on a particular computer that occurred after the application (Control Center) was executed, such as: execution of the application, performance of the automatic update, etc. Three types of reports are recorded in the Log file:

- Informative – information on common events (execution of the Control Center, update process, etc.)
- Warnings – notification on the error that have occurred while the program is running (failure to connect to the update server, error during update process, etc.) An icon ❗ is attached to the warning message.
- Diagnostic – information serving to identify the causes of detected errors. This icon: 📊 is attached to the diagnostic report/message.

Information in Log Tab can be copied into the clipboard clicking at **Copy to clipboard** button.

Mirror Setup

This dialog serves to setup parameters controlling creation of the local copies of the update files. It is to be used by the network administrators to facilitate administration of the update files on network connected computers.

The dialog groups and their corresponding item are described below:

- **Create Update mirror –** selection of this check-box triggers automatic creation of the update copies for all products marked in the **Available** list

Files group**:**
- **Show all available language versions** – when selected, all language version will be displayed.
- **Select all** – all available products are listed.

Access to update files group**:**
- **Path for update of the copies** – path used by the administrator's computer to update the system. Computer that creates the copies of the update files (pursuant to the path defined above) must have the write authorization into location specified. (NOTE!: Specified directory MUST exist!)
- **Access path for clients** – path set for the client workstations specifying the location of the update files. It is recommended that the network users have no, but "read-only" authorization with respect to the path specified. Example: Server: MY_SERVER has a disk: MY_DISK that is shared for a/ reading if the name: MY_DISK_READ is used and for reading and writing, if MY_DISK_READWRITE is used. Provided the update file copies are located in NOD_UPD directory of the aforementioned disk, the parameters to be used are as follows:
- **Access path for clients**: \\MY_SERVER\MY_DISK_READ\NOD_UPD\
  Path for update of the copies: \\MY_SERVER\MY_DISK_READWRITE\NOD_UPD\
- **Use the same path for client**– will be selected if the network computers will access the update files by means of the same path as is the one used by the computer creating the update copies.
- **Browse…** - standard button allowing to select proper directory from the set of existing directories.
- **Username** and **Password** – Username and password necessary to update the file in selected directory. If you experience problems with authentication to a given update server, click <u>here</u>.

Special formats of the Access path for clients:
The following key-words can be used as part of Access path for clients: %CurrentDisk% and %CurrentPath%. The path may acquire the following formats:

- **%CurrentPath%** - this key-word will be replaced by the path to the update files pursuant to the setup of a specific workstation (valid for administrator's and client's NOD32CC, version 1.011 and higher)
- **file://SERVER/SHARE/PATH** – fully specified path for update files.
- **%CurrentDisk%/PATH,** if the update files are located in a network directory: file://SERVER/SHARE/PATH. The %CurrentDisk% key-word will be replaced by a current value: file://SERVER/SHARE based on a particular setup of a network workstation. (valid for administrator's and client's NOD32CC, version 1.011 and higher)

If the mirrors are created pursuant to option (a) above, all the paths (specified in special information files relevant to a give update) are relative and the update files can be copied from the update directory into other network locations manually, or by means of an automatic replicator. This is, however, not true for the Configuration file that is specific for different groups of the end-user workstations.

Configuration file group:

- **Use the Configuration file for workstations** – this option is used to change some parameters of the

NOD32 anti-virus system on the workstations where the new update files will be applied.

- **Modify the file** button makes it easy to change parameters in the Configuration file. Full-scope options of the Configuration file are described in the Admin.doc file.

Workstation Configuration file setup dialog window

This dialog can be used to change the operational parameters of NOD32 anti-virus system on the workstations where new update/installation will be performed. The left side of each group contains a name-less check-box. If selected, parameters set in a particular group will be applied on every workstation receiving the Configuration file ("packaged" with the new update/installation) otherwise, current/old settings will remain in effect. Specific sections are described below:

- **Run Amon at startup** - provides for automatic execution of the resident anti-virus protection module (Amon)
- **Install NOD32 for Outlook/Exchange** – provides installation of protection of the MAPI compatible e-mail client programs.
- **Path to the update files –** sets the <u>URL</u> path for computers to access the update files. The **Mirror…** button enables to set up the path that is identical with the one used by this computer (to create the update copies) specified in the **Mirror Setup** dialog.
- **Username** and **Password** – allows the use of username and password to access the update directory.
- **Type of update** – allows specification of the type of update of the system. For more details, see the following link: <u>Update Tab</u>

- **Send messages via SMTP** – detailed description of the relevant option is described in the section: <u>Configuration Setup</u>

- **Silent mode** – option used to trigger the silent mode of NOD32CC. In the silent mode, no information/warning messages are displayed. However, the functions of the Log file and SMTP messaging system will not be effected.

- **Lock settings** – if this option is selected the setting will only be allowed after correct password is used. The password locks the settings of the NOD32CC, Amon, and the *Network* Tab in NOD32 module. The **Password code** number is for information purposes only. Zero value of the password code indicates no password protection.

- **Initial installation setup** – is used to create the Configuration file to be used for the first installation on the workstations. **System installation path** parameter represents the path of the NOD32 installation files. The path may have an absolute format (e.g.: c:\eset\nod32\) or it can contain the %ProgramFiles% key-word. During the installation, the key-word will be replaced by the path to the Program Files directory.

Configuration setup dialog

The dialog allows to set up common parameters of all NOD32 anti-virus system modules (Amon, NOD32CC, On-Demand scanner). Three groups of this dialog are described below:

Send mail via SMTP group allows setup of the e-mail warning/information system. Messages on virus incidents on a particular workstation and/or messages on other event can be sent from a particular computer to a predefined e-mail address/es.
- **Send warnings via SMTP** – turn on/off the e-mail messaging services.
- **Server** – address of the SMTP server used to send messages.
- **Sender address** – e-mail address used as the sender address. Option to replace a part of the address by the key-word %ComputerName% is allowed to proper identification of a particular computer. The key-word will be replaced by the computer name.
- **Virus warning address** and **Remaining warning address** – e-mail addresses of the recipients of the messages. Several addresses, separated by semi-colons are supported.
- **Virus warning message format** and **Remaining message warning format** – these parameters define the structure in the message body. The key-words that can be used in the message body are described below. These key-word are replaced by their corresponding values at the time the message is sent:
  - **%TimeStamp%-** Date and time of the event/incident triggering the messaging system. The format of this parameter is: DAY MMM MM/DD/YYYY hh:mm:ss, with DAY (MMM) being the abbreviated name of the day (month) correspondingly, MM/DD/YYYY is the date in numerical format and, finally, hh:mm:ss is the incident time.
  - **%ComputerName% -** Name of the computer the incident was reported from.
  - **%ProgramName% -** Name of the program that sent the message (NOD, AMON, …)
  - **%InfectedObject% -** Specification of the infected object (file name, boot-sector, mail,….).
  - **%VirusName% -** Identification of the virus detected.
  - **%ErrorDescription% -** Description of the error triggering the event.
- **Default**   button serves to set the default format of the messages sent and the sender parameters.

Setup security options allows password protection of important settings. **Change password** allows changing this security option. Any change of password requires entering of the old one. To avoid typos, the new password is entered twice. Password protection can be disabled by leaving the new password field blank.

Additional settings section enables to set the silent mode of the system. In the silent mode, no information/warning messages are displayed. However, the functions of the Log file and SMTP messaging system will not be effected. The silent mode could be used in a computer network where a particular user does not have to see the messages and the latter are only sent to the network administrator.

All settings within this dialog are set for entire NOD32 anti-virus system. Hence, all modules will be effected by the changes adopted.

Enter password dialog

This dialog is displayed when server authorization failure occurs. Dialog allows the use of a different password or username. The password entered by means of this dialog is not saved. It has to be reentered upon the next update..

URL(Uniform Resource Locator). Specifies full path to a file on internet or intranet. URL contains a protocol such as: HTTP, FTP, etc. and the file location. Examples of the URL paths (without any filename):
http://www.nod32.com/
file://local_server/directory/

Username

The username specifies a user account on a server. In case of the authentication in LAN, provided your computer and the server you wish to log into belong to different workgroups (or domains), the username has to be entered in the following format: "workgroup\username" (or "domain\username") respectively. This format may be tried out even in the case you experience problems logging on to the server, you are sure correct password was used and your computer and the server belong to the same workgroup. The same form of logging needs to be used to an internet server (or a proxy server) using NTLM (NT LAN Manager) authentication (e.g.: Microsoft Proxy).

Installation of the Administrator version

To replace the end-user installation by the administrator's version, the following steps are necessary:

- run the installation (reinstallation) of the NOD32 system manually.
- during the installation, check the **I want to change other settings too** option
- in the Tab specifying the type of execution of the NOD32 Control Center program, check the following option: **I want installation of the support of creation of update files copies on local networks (for network administrators).**
- Before setting of the automatic update parameters controlling creation of the copies need to be set in the **Mirror setup** dialog.

About program

NOD32 Control Center

Copyright © 1997 – 2000 ESET Software

Portion copyright © Microsoft corporation

Contact

Contact

ESET, LLC
4025 Camino del Rio South
Suite 300
San Diego, CA 92108
phone: (619) 542-7872
fax: (619) 542-7701
e-mail: support@nod32.com
URL: http://www.nod32.com

Contents