

DS-601/605 Release Notes

Software: Version 1.10 (build 69)

Hardware: N.A.

Date: May 10, 2006

Changes to previous versions:

- 1 - Corrected the retry behaviour when DPD (Dead Peer detection) is active. Retries are now sent out with incremented sequence numbers.
- 2 - Added support for RFC.3947 (Negotiation of NAT - Traversal in IKE) and RFC 3498 (UDP Encapsulation of IPSEC ESP packets). The older drafts are of course still supported.
- 3 - Fragmenting. As the NCP client is (if necessary) fragmenting packets before applying IPSEC, we now also reset the DF bit (Don't Fragment bit) before fragmenting.
- 4 - Corrected the NCPGINA GUI when domain logon is active. The GUI didn't show a complete connection even though the connection was there.
- 5 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Corrections of the Extended Personal Firewall.
- 6 - Corrected a problem with a user defined installation path containing space.
- 7 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Corrected some problems regarding the automatic HotSpot functionality.
- 8 - Added support for static UDP encapsulation of ESP (default port 10000).
- 9 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Corrected Aggressive mode with RSA SIG to send proper ASN1 Distinguished name.
- 10 - Corrected the selection of modems when media type modem is chosen.
- 11 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Finally added GPRS/UMTS support for the T-Mobile Multimedia Card.
- 12 - XAUTH for the RAPTOR (Symantec) PowerVpn Server is now supported.
- 13 - Add the configuration checkbox "Use VPN-password for Windows logon". The VPN-Password is used for the Windows logon.
- 14 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Now support for international dial-up services via the NCP connection manager(T_Online, Gric, ...).
- 15 - **[NOT APPLICABLE TO D-LINK DS-601/605]** The NCP GINA (used for domain logon) monitor (GUI) now supports the T_Mobile Multimedia Card.

16 - Problems with licensing ("Testversion expired") are fixed.

17 - The user can now decide if a VPN connection should be kept or disconnected when Windows logoff is executed.

18 - End Point Security is introduced in conjunction with NCP gateways.

19 - Corrected the behaviour of the GUI when XAUTH with RSA SecurID or MS-CHAP is used. Now the correct input fields are shown to the corresponding message.

20 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Support for the newer T-Mobile Multimedia card (UMTS/GPRS).

21- Added XAUTH support for the Symantec gateway (RAPTOR).

21 – XAUTH:

Some security appliances support XAUTH without executing the proper negotiation for it. They merely send a Vendor ID payload telling that XAUTH is supported and then expect XAUTH to be executed after IKE phase I. The client is also sending this Vendor ID but is expecting a proper proposal to be negotiated. It ends up with the situation that the client doesn't execute XAUTH but the appliance executes it.

If the checkbox for XAUTH is checked and the security appliance sends a Vendor ID for XAUTH support the client will execute XAUTH without the proper negotiation.

22 - A problem with VPN networks was corrected. If more than one VPN network was configured only the first network was regarded as a VPN network.

23 - FUSION/OPTION - GPRS/UMTS/WLAN cards. Now all OPTION/FUSION cards should be supported independent of provider.

24 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Problem scenario: When the client used the mediatype PPPOE and the LAN adapter was configured for DHCP without an existing DHCP server the VPN connection time was delayed up to 40 seconds.
This problem has now been solved.

25 - **[NOT APPLICABLE TO D-LINK DS-601/605]** New media type AUTOMATIC.

This media type serves the purpose of automatic media detection. The media types tried out are taken from a list

of candidates used for automatic media detection. How is this list of candidates created?

There is a new checkbox within the profile entry configuration asking for if this entry should be used

for automatic media detection and if so this entry is a candidate. A VPN profile is created with the media type

AUTOMATIC and will make use of the profile entries with the checkbox checked.

The media detection always starts with LAN/WLAN without using any candidates and if the connection fails it starts

with the candidates using the following priority: XDSL -> GPRS/UMTS ->ISDN -> MODEM.

In this first version of media type detection the above-described procedure is executed every time a connection is initiated.

26 - Service priority fix.

The NCP RWSNT service now runs with NORMAL priority when not connected and with HIGH priority when connected.

27 - Dynamic Host Configuration Protocol (DHCPv4) Configuration of IPsec Tunnel Mode (RFC3456) is now supported.

28 - **[NOT APPLICABLE TO D-LINK DS-601/605]** Automatic Friendly Net Detection feature (NCP Firewall) is implemented.

29 - The representation of a complete connected tunnel with assigned IP address, DNS , WINS and Domain suffix is done by the NCP GUI (NCPMON) by a visual "green tunnel". The report to the GUI that the connection is completely established came to early. This has now been corrected. When the GUI shows a "green tunnel" all operations that relate to connection establishment are finished.

30. Fixed a problem with IKE phase 2 (quick mode) negotiation when the gateway and client starts the negotiation at the same time (collision).

31 - Support for Watchguard XAUTH.