

Read Me

System Software 7.4.1 PATCH 11

This version of our system software is available for the following gateways:

- **VPN Access Series**
- **X8500**

Important Security Information

This version of our system software removes the DNS implementation vulnerability VU#800113 described by the US-CERT (see <http://www.kb.cert.org/vuls/id/800113>).

Moreover, the following changes have been made:

1.1 DNS - Random Source Ports and IDs

(ID n/a)

Since using the same UDP port for all DNS queries and other services has been identified as a severe security risk, random ports and query IDs are used as of now.

1.2 NAT - Number of NAT Ports increased

(ID n/a)

The number of NAT ports has been increased to 32767.

1.3 DNS - Reboot after receiving DNS Requests

(ID n/a)

After receiving a DNS request, the gateway sporadically rebooted.

The problem has been solved.

1.4 Syslog - Memory loss with unreachable log hosts

(ID n/a)

If a log host was unreachable over a TCP connection, a memory loss occurred.

The problem has been solved.

1.5 IPSec - Reboot

(ID n/a)

Occasionally a reboot of the gateway occurred while the message "improper state 5" was printed to the console.

The problem has been solved.

1.6 Syslog - Messages with trailing zero

(ID n/a)

Syslog messages were sent with a trailing zero which is out of range of the code set proposed in FEC 3164.

The problem has been solved.