

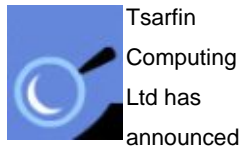
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Network Worm Threatens Enterprise Security

 By [CXOtoday Staff](#)

Mumbai, Jul 11, 2006



Sharing data over the Internet or the enterprise's intranet can now be fatal. A network worm that can eventually bring in dangerous Trojans to computers is on the prowl.

Security analysts at MicroWorld Technologies have informed that 'Win32.Detnat.a' is a network worm that infects uncompressed Portable Executable (PE) files.

With its unique algorithm and polymorphic nature, the worm employs a different mode of encryption every time it infects a file, keeping the file size unchanged that makes it hard to detect.

Detnat.a spreads on shared network resources and file sharing programs. At the second level of attack, the worm goes ahead and downloads 'Infostealer.Lineage', a Trojan that steals usernames and passwords of popular online game 'Lineage' and passes it on to a remote attacker. With its dynamic nature, Detnat will invite other Trojans as well, if the writer of the worm decides so.

"One needs to be extremely careful while downloading executable attachments via emails or from the Internet," said Aneesh Paliwal, Security Analyst, MicroWorld Technologies.

"A single infection in a workstation can proliferate wide in shared networks in no time and people using file sharing programs are particularly vulnerable to this mode of data corruption and theft," added Paliwal.

Users usually exchange files in internal networks of most organizations that in turn makes it easier for spreading of a worm like Detnat. If the worm stations itself in the startup folder of the workstation that is connected to a network, it will come back every time a computer reboots.

In March, MicroWorld had reported that the Antinny worm infected the Japanese file sharing program, Winny. Top-secret military information, business documents of hundreds of corporate firms, confidential data of 'Liberal Democratic Party' and others were floating all over the Internet, creating information leakage in Japan.

"A large number of new and emerging Viruses and worms are targeting enterprises and their external and internal networks, to carry out a whole lot of nefarious activities," observed Govind Rammurthy, CEO, MicroWorld Technologies.

"Often, malware creeps in through those vulnerabilities which we tend to overlook. One needs to safeguard the corporate email system, Intranet and total Internet Access with great vigil as network infections impact the Business Continuity of enterprises," added Rammurthy.

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