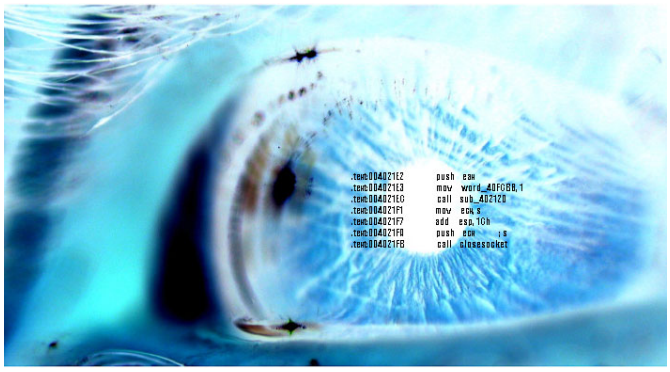
CIRT

Danish Computer Incident Response Team

Security advisory

Ipswitch Whatsup small Business 2004 - Directory Traversal



Discovered
by Dennis Rand
advisory@cirt.dk
http://www.cirt.dk

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Introduction

Problem

The installation has been made on a Windows 2000 server running with the latest service pack 4 and all current patches released.

The Ipswitch Whatsup small Business 2004 software vulnerability:

- Arbitrary file download through directory traversal

Timeline of public disclosure

- 01-08-2005 Vulnerability discovered
- 11-09-2005 Research completed
- 11-09-2005 Vendor notified - with a request for a competent person with security in mind.
- 20-09-2005 Ennio Carboni(ecarboni@ipswitch.com) responds
- 20-09-2005 Vendor Receives detailed advisory
- 27-10-2005 Asked vendor for date of fix, no response
- 02-11-2005 Public release

Contact information

The following vulnerability were discovered by Dennis Rand at CIRT.DK
Questions regarding this issue should be directed to:

Dennis Rand
advisory@cirt.dk

Public PGP key

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP 8.0

mQGiBEAf2xcRBADMrO7uP0dJq1ZsXkLZLqEhz58LL77qLbXOMNoDRkAo+4MTZoZC
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CA==
=4wBy
-----END PGP PUBLIC KEY BLOCK-----

File description

MD5 software used

Filename:	md5sum.exe
Comments:	Modified from the version originally developed by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Company name:	GMG Systems, Inc.
Product name:	Forensic Acquisition Utilities
Product version:	1.0.0.1026
File version:	2.0.1.1032
MD5 checksum:	607be2b261c516a5c5469314445ab2f2

Ipswitch Whatsup small Business 2004

Installation files:

Filename:	iwsb.exe
MD5 checksum:	791bc2a0cf21f0f732d188ffebb7689c

Other files:

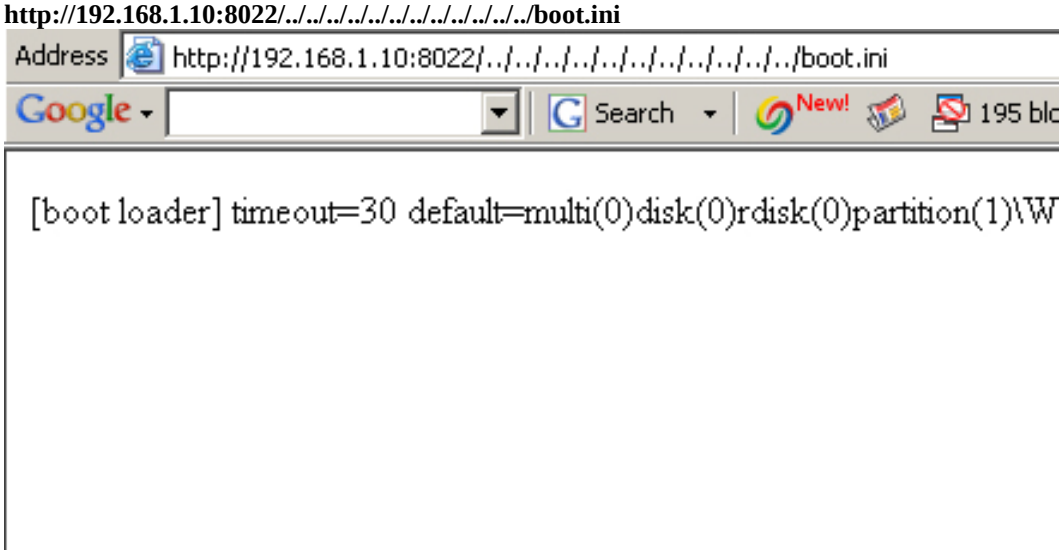
Filename:	nmservice.exe
MD5 checksum:	3da1a2e3a3e6b4d23c4936a48e5cd057

Technical details of the vulnerabilities

Arbitrary file download through directory traversal

When using the following "**../../../**", "**..\..\..\..\..\..**" it is possible to traverse to the root of the file system and view files.
This vulnerability are located in the web server on port 8022

PROOF OF CONCEPT:
http://192.168.1.10:8022/../../../../../../../../../../../../boot.ini



Corrective actions

NONE at the current time

Answer from IPSwitch
Its not that Ipswitch is not concerned - far from it. We take very seriously the concerns raised, especially around security. However, when we polled lots of our "heavy" users, they thought sticking with our current release schedule and fixing the vulnerability post was best.

Disclaimer