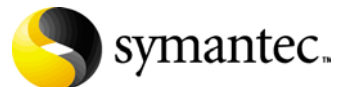


Symantec NetRecon 3.6
Security Update 1
Release Notes



Symantec NetRecon Security Update 1 Release Notes

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Documentation version: v3.6 SU1

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- Available memory, disk space, NIC information
- Operating system
- Version and patch level
- Network topology
- Router, gateway, and IP address information
- Problem description
 - Error messages/log files
 - Troubleshooting performed prior to contacting Symantec
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Release Notes

Security Update 1 is a content update for Symantec NetRecon 3.6. This update can be installed only through LiveUpdate; there is no executable. To access LiveUpdate, use the LiveUpdate button on the Symantec NetRecon icon bar or the Help menu bar. To verify installation, go to Help/About and confirm that the version is 3.6 SU1.

New features and enhancements

New features and enhancements in Security Update 1 include:

- New vulnerability checks
- Command line interface (CLI) enhancements

Note: In the PDF version of this document, you can click cross-references such as the ones above to go directly to that topic.

New vulnerability checks

- **SQL Server 7.0 Remote Data Source function contains unchecked buffers**
Symantec NetRecon can identify a buffer overflow in Microsoft SQL 7.0 that may let remote attackers execute arbitrary code on the system or gain privileged access to the SQL database.
- **SQL Server 2000 Remote Data Source function contains unchecked buffers**
Symantec NetRecon can identify a buffer overflow in Microsoft SQL 2000 that may let remote attackers execute arbitrary code on the system or gain privileged access to the SQL database.
- **SQL 7.0 extended stored procedures vulnerable to buffer overflow and DoS**
Symantec NetRecon can identify Microsoft SQL Server 7.0 extended stored procedures that fail to validate input correctly, which may allow buffer overflow attacks and denial of service (DoS) attacks.
- **SQL 2000 extended stored procedures vulnerable to buffer overflow and DoS**
Symantec NetRecon can identify Microsoft SQL Server 2000 extended stored procedures that fail to validate input correctly, which may allow buffer overflow attacks and denial of service (DoS) attacks.
- **SQL 2000 password encryption procedure vulnerable to buffer overflow attacks**
Symantec NetRecon can identify a Microsoft SQL Server 2000 credential encryption procedure that is vulnerable to a buffer overflow attack, which could compromise control of the database and possibly the server. The SQL 2000 Resolution Service may allow remote DoS or execution of arbitrary code.
- **SQL 2000 Resolution Service allows remote DoS or execution of arbitrary code**
Symantec NetRecon can identify the Microsoft SQL Server 2000 Resolution Services that contain multiple vulnerabilities. These vulnerabilities allow denial of service attacks as well as possible execution of arbitrary code through buffer overflow attacks.
- **SQL Server 2000 sp_MScopyscript stored procedure fails to validate input**
Symantec NetRecon can identify the Microsoft SQL Server 2000 sp_MScopyscript on network resources. Microsoft SQL Server 2000 fails to validate input, which may allow attackers to execute arbitrary code and gain privileged access to stored procedures in the SQL database.

- **SQL Server 7.0 authentication engine vulnerable to buffer overflow attacks**
Symantec NetRecon can identify the authentication engine for the Microsoft SQL Server 7.0. The authentication engine is vulnerable to buffer overflow attacks that may let attackers execute arbitrary code and gain privileged access to the stored procedure, or cause a denial of service for the SQL service.
- **Server 2000 authentication engine vulnerable to buffer overflow attacks**
Symantec NetRecon can identify the authentication engine for the Microsoft SQL Server 2000. The authentication engine is vulnerable to buffer overflow attacks that may let attackers execute arbitrary code and gain privileged access to the stored procedure, or cause a denial of service for the SQL service.
- **MSSQL Buffer Overflow vulnerable to W32.Slammer worm attack**
Symantec NetRecon can identify a problem with the Microsoft SQL Server 2000 Resolution Service, which may make it possible for a remote user to execute arbitrary code on a vulnerable host. An attacker could exploit a stack-based overflow in the Resolution Service by sending a maliciously crafted UDP packet to port 1434. A vulnerable version of Microsoft SQL Server 2000 Desktop Engine is automatically installed with Internet Explorer 6 on .NET servers.

Command line interface (CLI) enhancements

License key

The Symantec NetRecon command line interface (CLI) can now accept license key information. Four options are required to successfully register the license key using the CLI.

Table -1 License key options

Option	Description
-license [-l]	Specify the Symantec NetRecon license key.
-company [-c]	Specify the company name that is associated with the license.
-serial [-s]	Specify the serial number that is associated with the license.
-type [-t]	Specify the type that is associated with the license.

Note: If an error occurs during the license registration, Symantec NetRecon places an error message in the errors.log file.

Symantec NetRecon data (.nrd) files

You must now use the following options to specify .nrd files in the command line interface.

Table -2 nrd file options

Option	Description
-nrdir [-i]	Specify the .nrd input file.
-nrdir [-o]	Specify the .nrd output file.

Note: It is not necessary to submit .nrd files to change the license. However, if you omit one or both of the .nrd files, Symantec NetRecon will not attempt a scan.

CLI formatting and syntax are fully documented in the Symantec NetRecon online Help system. Users who are not familiar with the CLI should read the entire Use the Command Line Interface (CLI) Help section.

To locate the Help Topic on .nrd files

- 1** On the NetRecon console menu, click **Help**.
- 2** Click **Help Topics**.
- 3** Click the topic labeled **How do I...**
- 4** Click **Use the Command Line Interface (CLI)**.
- 5** Click **Understanding .NRD Files**.

