

Domino Scan II

IBM Lotus Domino web servers provide a multi-platform foundation for collaborative working and e-business transactions. Domino servers can be defined as an open computing environment that supports information sharing. Failure to protect from threat in this environment can expose enterprises to unacceptable levels of risk, lost revenues, stolen data, and a decrease in productivity.



Domino Scan II from NGSSoftware is a detailed assessment application that can help enterprises secure their infrastructures before they are exposed to risk. Leveraging NGSSoftware's expert knowledge, Domino Scan II can be used to help guard against a variety of digital threats and to maintain a strong defence posture.

» Product Overview

Domino Scan II forms part of NGSSoftware's suite of Intelligent Next Generation Security Assessment Tools. The application is expressly designed to completely automate the process of assessing a Lotus Domino web server's security.

Domino Scan II presents an "attacker's eye view" of the security of Lotus Domino web servers and bespoke Notes applications. Although Domino Scan II is stand alone software running on Microsoft Windows it can audit Lotus Domino web servers that are running on any operating system.

There are three aspects to the auditing process:

- » Domino Scan II examines the server for known security vulnerabilities in the web.
- » Domino Scan II will attempt to gain access to over 100 sensitive and default databases.
- » Domino Scan II audits bespoke in-house created databases using proprietary techniques developed by NGSSoftware's research team.

In order to ascertain risk exposure, Domino Scan II will discover every view, form, agent and document and then put each through a comprehensive set of checks.

» Features and Benefits

Domino Scan II has a number of key benefits, these include:

» Lightning Fast Checks

Manually checking a Lotus Domino web server with twenty databases (each with ten thousand documents) would take over twenty-seven days (assuming five documents a minute). Domino Scan II performs the same level of testing in less than thirty minutes. The speed and depth at which Domino Scan II performs scanning, significantly reduces the impact of scans upon users, and still provides depth and reliability with regard to security vulnerability scanning. Scans performed using Domino Scan II are not written to the disk (unless this option is required) again increasing speed, and minimising disruption.

» Always up to date

Because the security landscape is always changing, it is vital that administrators gain access to the latest known vulnerabilities. Domino Scan II is supplied with an ongoing support contract that allows user to download updated vulnerability definitions for the Domino Scan II database as, and when, they become available. Domino Scan II is supplied with an inbuilt link to the CVE (Common Vulnerabilities and Exposures) database so users can keep track of all vulnerabilities.

» Detailed Database Enumeration

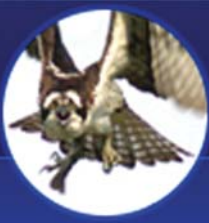
Domino Scan II attempts to gain access to over one hundred sensitive and default databases. Thanks to the unique spidering technology of the application, Domino Scan II can perform deep level database enumeration, and can discover vulnerabilities on servers that may otherwise have remained hidden using conventional scanning and vulnerability discovery software. The 'intelligent' spidering technology permits Domino Scan II to enumerate databases to a deeper level than is ordinarily available using other technologies.

» Reporting

Domino Scan II provides a range of output formats for scan results. Results can be returned in either plain text, HTML, rich text format, or written to a selected database for later evaluation.

» Fast Setup and Deployment

Domino Scan II can be installed quickly and easily within suitable environments. Domino Scan II can quickly be configured to perform a detailed range of highly focused scanning activities, and deployed as part of a focused auditing process.



» PRODUCTS

Domino Scan II

» Other Features and Benefits

- Web Administrator template access using RelicalID.
- Web Administrator template access using buffer truncation.
- 'cache.dsk' access using buffer truncation.
- Directory traversal.
- Database browsing.
- Audits bespoke databases.
- Unique database structure enumeration technologies.
- Finds hidden and visible views.
- Default Navigator Access.
- Attempt to bypass default Navigator protection.
- Evaluates database design.
- Checks every document for Edit access.
- Attempts a forced search.
- ReadEntries and ReadViewEntries access.
- Can perform focused audits.
- Unique Spidering capability offering intelligent scanning.
- Ability to scan as an authenticated user.
- Ability to perform QuickHit audit.

» System Requirements

- System: Microsoft Windows NT 4.0 (Service pack 6a)
- Microsoft Windows Server 2003
- Microsoft Windows 2000
- Microsoft Windows XP
- Hardware: 500MHz Pentium III (minimum)
- Memory: 512Mb RAM (minimum)
- Diskspace: 20Mb free disk space
- Other Software Requirements: Lotus Domino 5 / 6, Internet browser.

The screenshot displays the DominoScan II application window. On the left, a tree view shows the scan configuration for 'help.nsf', including sections for 'Searches', 'User Binding', 'Web Service', and 'Default Databases'. The main pane shows a report for 'help.nsf' with a 'high severity issue' and a 'Report for host testhost'. Below this, an 'Executive Summary' section provides a date and time for the scan (Tue Feb 24 09:57:04 2004) and a 'Back to Main Report' link. At the bottom, a 'Problems By Severity For All Hosts' pie chart shows the distribution of issues: High priority (18 of 17%), Medium priority (41 of 23%), and Low priority (18 of 17%).

Domino Scan II