

# NGSSQUIRREL FOR DB2



next generation  
security software  
an ncc group company

Protecting the security of enterprise database servers is of paramount importance and in an age of ever escalating threats, ensuring that sensitive data remains confidential is a significant concern to many organisations. Ensuring that database security is adequately maintained is a challenge that must be met and overcome, if the risks posed by security threats are to be minimised.

IBM's DB2 is a relational database management system that forms an integral part of many business critical applications. In an enterprise environment that demands factors of performance, scalability and reliability - security issues with IBM's DB2 can represent a serious issue to business continuity.

As with many sophisticated back office systems, the annual increases in security vulnerabilities and attack vectors pose a significant risk to productivity, application performance and data integrity.

NGSSQuirreL for DB2 is an innovative vulnerability assessment tool specifically developed to scan IBM's leading database server product. It allows system administrators and database specialists to quickly uncover and manage a multitude of vulnerabilities or bad practices on their database servers - right down to individual tables.

Unlike many conventional vulnerability scanning products, NGSSQuirreL for DB2 allows users to initiate bespoke security solutions that can be applied to their business critical DB2 installations at the click of a button - this simple process helps ensure continual database security.

## Product Overview

NGSSQuirreL for DB2 enables network administrators and security professionals to quickly audit the security of critical DB2 server infrastructures. It comprehensively scans DB2 servers for hundreds of possible security threats, and allows users to quickly enumerate faults and weaknesses in their database configuration before malicious attackers do.

Unlike many other database security scanners that only look for 'holes', NGSSQuirreL for DB2, not only finds them, but also allows DBAs and security professionals to quickly evaluate the level of risk they are exposed to, and if required, fix the majority of discovered vulnerabilities with the click of a button.

NGSSQuirreL for DB2 is one of the fastest and most comprehensive DB2 server security-auditing tools currently available. Designed and developed by the world's leading vulnerability researchers (who between them have discovered more vulnerabilities than any other company since 2002), NGSSQuirreL for DB2 is the best defence against threats to your database security.

## Features and Benefits

NGSSQuirreL for IBM DB2 has a number of key benefits, these include:

### Variable Audits

NGSSQuirreL for DB2 permits users to adjust the level of audit, allowing administrators to select between three adjustable scanning levels. During the course of a quick audit NGSSQuirreL for DB2 will identify high severity security vulnerabilities. The Normal audit process includes high severity vulnerabilities as well as informational data (e.g. privileges etc.). The NGSSQuirreL for DB2 Full audit includes high-risk vulnerabilities, informational data, as well as detailing a variety of other vulnerabilities. The unique ability to adjust the depth at which NGSSQuirreL for DB2 conducts audits allows system administrators to tune the scanner to their requirements with regards to both time and security.

### Reporting

NGSSQuirreL for DB2 provides a range of output formats for scan results. Results can

## Global leadership

NGS leads the world in a number of key areas, including:

- Enterprise level application vulnerability research, database security, the development of sophisticated security software and expert consulting services.
- The NGS Team includes internationally renowned security researchers and CHECK Team leaders.
- Our Research Team is constantly hard at work to combat the ever-growing and increasingly sophisticated threats to software security.
- Based in the United Kingdom we provide our services to some of the largest and most demanding organisations around the globe.
- NGS have published more advisories regarding high-level enterprise application vulnerabilities than any other security company.
- NGS are a trusted computer security partner for some of the largest companies in the world – and for many key government departments.

be returned in either plain text, HTML, dynamic HTML, rich text format, Microsoft Excel, or written to a database for later evaluation and analysis.

#### Always up to date

Because the security landscape is in a continual state of flux, it is vital that administrators gain access to the latest known vulnerabilities. NGSSQuirreL for DB2 is supplied with an ongoing support contract that allows users to download updated vulnerability definitions for the scanner database as, and when, they become available. As well as assessing the security of DB2 servers based upon known vulnerabilities, NGSSQuirreL for DB2 also routinely scans for as yet unpublished vulnerabilities that have been discovered by NGSSoftware's security research team and awaiting public fixes from IBM.

#### Comprehensive

NGSSQuirreL for DB2 scours servers for hundreds of potential security vulnerabilities. NGSSQuirreL for DB2 checks for patch levels, objects and statement permissions, login and password authentication mechanisms. A team of globally recognised vulnerability researchers who have secured some of the largest enterprise environments worldwide support this database security scanner.

#### One Click Fix

An incredibly useful feature of NGSSQuirreL for DB2 is the ability to generate DB2 lockdown scripts. When NGSSQuirreL for DB2 discovers vulnerabilities it generates environment specific lockdown scripts that can be employed to remedy any discovered issues automatically. Should systems administrative staff choose to deploy these scripts, they can be used to patch the servers at a click of a mouse.

## 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: IBM DB2 Client Components.

### ACCREDITATIONS



**CLAS**

CESG Listed Adviser Scheme



**CTAS**

CESG Tailored Assurance Service



QUALIFIED SECURITY ASSESSOR

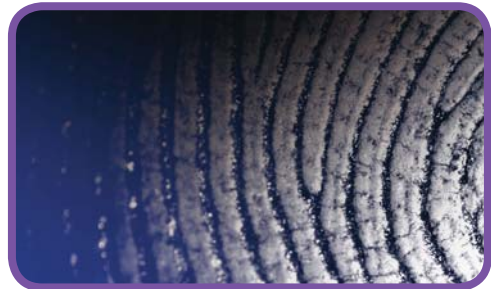


**CHECK**

IT Health Check Service

### Our customers include:

- Comic Relief
- Microsoft
- Commerzbank
- McAfee
- Centennial Software
- Eracent



### Why NGS?

NGSSoftware draws on both the insights of our world-beating research department and the highly practical expertise of our consultancy services; this helps ensure NGSSoftware's solutions are some of the most effective and up-to-date you can find.