

NGSSQuirreL for Oracle

You needn't be told that database security is important: whether it's financial accounts, client information, sales records or human resource details, whatever the data is, if it were to be stolen by a hacker or, perhaps even worse, by a competitor it would be disastrous. New database security vulnerabilities are being discovered all of the time and staying ahead of the attacker to protect your vital assets can be difficult to manage or achieve.



A Helping Hand from the Oracle security experts

No-one knows more about Oracle security than NGSSoftware. This isn't just sales talk; all one needs to do is look at Oracle's own security alerts to see how much we have contributed towards Oracle security. NGSResearch has found and helped to fix more Oracle vulnerabilities than anyone else.

With NGSSQuirreL for Oracle, we've combined our expertise and knowledge to develop and deliver the most powerful vulnerability assessment scanner available for Oracle database servers.

» Product Overview

NGSSQuirreL for Oracle is the most comprehensive vulnerability assessment scanner available and enables security professionals, database and network administrators to quickly audit the security of Oracle database servers to discover every threat that each server is exposed to. Whether used in the Enterprise or for single server networks, NGSSQuirreL for Oracle provides an easy mechanism for quickly securing the Oracle infrastructure; as well as finding all of the security holes, NGSSQuirreL for Oracle can fix them too.

Designed and developed by the world's leading vulnerability researchers (who between them have discovered more vulnerabilities than any other company during 2002 and 2003), NGSSQuirreL for Oracle is the best defence against threats to your database security.

» Features and Benefits

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

» Variable Audits

NGSSQuirreL for Oracle permits users to conduct variable levels of audit, namely Quick, Normal and Full. During the course of a quick audit NGSSQuirreL for Oracle 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 Oracle Full audit includes high-risk vulnerabilities, informational data, as well as detailing a variety of other vulnerabilities that servers are not at present exposed to. The unique ability to adjust the depth at which NGSSQuirreL for Oracle conducts audits allows system administrators to mould the application to their requirements with regard to time and security

» Reporting

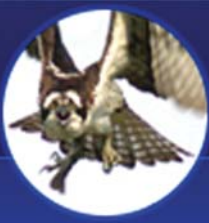
NGSSQuirreL for Oracle provides a range of output formats for scan results. Results can be returned in either plain text, HTML, dynamic HTML, rich text format, Microsoft Excel or written to an ODBC compliant database for later evaluation and analysis.

» 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 Oracle is supplied with an ongoing support contract that allows users to download updated vulnerability definitions for the application database as and when they become available. As well as assessing the security of Oracle database servers based upon known vulnerabilities, NGSSQuirreL for Oracle also routinely scans for as yet unpublished vulnerabilities that have been discovered by NGSSoftware's security research team.

» Comprehensive

NGSSQuirreL for Oracle scours servers for thousands of potential security vulnerabilities. The application routinely checks for patch levels, objects and statement permissions, login and password authentication mechanisms, stored procedures and start up procedures. A team of globally recognised vulnerability researchers, who have secured some of the largest enterprise environments worldwide, support the application. NGSSQuirreL for Oracle also includes support for scanning TNS Listener vulnerabilities including DoS and remote server compromises and is also supplied with a powerful Oracle password auditor that includes both dictionary and brute force attack mechanisms. This feature when taken in combination with NGSSQuirreL for Oracle's sophisticated database audits ensures that system administrators can be assured of the security of their infrastructures.



NGSSQuirreL for Oracle

» One Click Fix

An incredibly useful feature of NGSSQuirreL for Oracle is the ability to generate SQL lockdown scripts. When NGSSQuirreL for Oracle discovers vulnerabilities it generates lockdown scripts that can be employed to remedy any 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.

» Security Manager

The NGSSQuirreL for Oracle Security Manager is a powerful utility that provides users with an easy way to resolve issues and vulnerabilities discovered by NGSSQuirreL for Oracle during the course of a scan. Using this built in tool, it is possible to administer and manage users, roles, profiles, system privileges & object privileges (without needing third party software).

» Security Browser

The NGSSQuirreL for Oracle Security Browser is an integrated component that allows the user to browse and audit the security settings of the database or instance. The Security Browser also allows the user to create custom checks from any of the nodes displayed by the browser.

» Other Features and Benefits

NGSSQuirreL for Oracle detects and reports a multitude of issues (including buffer overflows, weak passwords, PL / SQL Injection vulnerabilities, dangerous privileges, weak default settings, weak and dangerous object privileges, backdoors, XML database security and Oracle internet directory issues). NGSSQuirreL for Oracle allows DBAs to fix security holes, and perform password audits. NGSSQuirreL for Oracle is non-intrusive and safe to use.

» 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: Oracle Client Components (available from <http://otn.oracle.com/software/>)

The screenshot shows two windows from the NGSSQuirreL for Oracle application. The left window, titled 'NGSSQuirreL for Oracle [scan.asp]', displays a tree view of security checks. The 'PUBLIC Execute Permissions On UTL_FILE' check is highlighted in red, indicating a vulnerability. The right window, titled 'Password Audit', shows a table of user accounts with their names, hashes, and passwords.

NAME	Hash	Password
ANYMOUS	88D8364765FCE6AF	
anonymous	anonymous	anonymous
YS	69ED49EE19E1908D	
ROXY	B97545C4DD2ABE54	
	C25E8FA117AF049	ODM
NTR	A7A32CD03DCED8D5	
POYS	3FB8F9B538447C	
TEST	BBFF5934DEF86D	
N	E7B5D92911C031E1	RMAN
	6299F3B38E0F2288	
	9C3085E7E0CB02D	
	72E32A52E89575A	
	9793B3777CD3BD1A	
	991C0A95C532CA	
	8B09C6075BDF2DC4	
ADM	24ACF617D07D82F	
US	E6A6448B043E3C2	
ES	EA66448B043E3C2	
OS	FF09F3EB14A5E26	
CBADM	7C632AFB71F8D305	
CB	CF9CAFCAE24964	
CS	91A0932D8CF146	
TT	F89484C34402B67	TIGER
T	95A44D2263AD477	
MS	72CDEF4A3483F60D	WOOD

» Contact Details