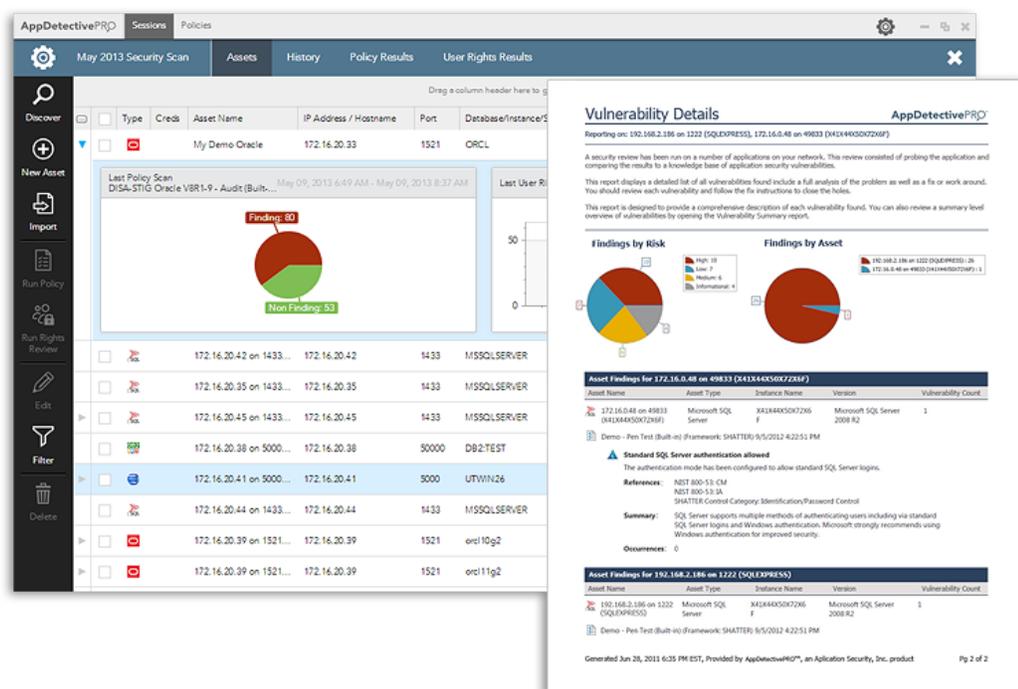


# AppDetectivePRO

## DATABASE AND BIG DATA SCANNER

AppDetectivePRO is a database and Big Data scanner that can immediately uncover configuration mistakes, identification and access control issues, missing patches, or any toxic combination of settings that could lead to escalation of privileges attacks, data leakage, denial-of-service (DoS), or unauthorized modification of data held within data stores. Through its simple setup and easy-to-use interface, you can immediately discover, assess, and report on the security, risk, or compliance posture of any database or Big Data store within your environment (on premise or in the cloud) in minutes. Complementary to host/network operating system and static/dynamic application scanners, AppDetectivePRO is a great addition to any existing security toolkit with its concentration on relational databases and Big Data stores.



The screenshot displays the AppDetectivePRO interface. The main window shows a table of scan results with columns for Asset Name, IP Address / Hostname, Port, and Database/Instance. A pie chart indicates 60 Findings and 53 Non Findings. An overlay window titled 'Vulnerability Details' provides information for a specific finding on a Microsoft SQL Server.

Asset Name	Asset Type	Instance Name	Version	Vulnerability Count
172.16.20.42 on 1433...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.35 on 1433...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.45 on 1433...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.38 on 5000...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.41 on 5000...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.44 on 1433...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.39 on 1521...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1
172.16.20.39 on 1521...	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1

**Vulnerability Details**

Reporting on: 172.16.2.186 on 1222 (SQLXPRESS), 172.16.0.48 on 49833 (X21K44X50K7266)

A security review has been run on a number of applications on your network. This review consisted of probing the application and comparing the results to a knowledge base of application security vulnerabilities.

This report displays a detailed list of all vulnerabilities found include a full analysis of the problem as well as a fix or work around. You should review each vulnerability and follow the fix instructions to close the holes.

This report is designed to provide a comprehensive description of each vulnerability found. You can also review a summary level overview of vulnerabilities by opening the Vulnerability Summary report.

**Findings by Risk**

- High: 13
- Low: 7
- Medium: 6
- Informational: 1

**Findings by Asset**

- 172.16.2.186 on 1222 (SQLXPRESS): 26
- 172.16.0.48 on 49833 (X21K44X50K7266): 1

**Asset Findings for 172.16.0.48 on 49833 (X21K44X50K7266)**

Asset Name	Asset Type	Instance Name	Version	Vulnerability Count
172.16.0.48 on 49833 (X21K44X50K7266)	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1

**Demo - Pen Test (built-in) (Framework: SHATTER) 5/5/2012 4:22:51 PM**

**Standard SQL Server authentication allowed**

The authentication mode has been configured to allow standard SQL Server logins.

**References:** NIST 800-53 CM, NIST 800-53 IA, SHATTER Control Category: Identification/Access Control

**Summary:** SQL Server supports multiple methods of authenticating users including via standard SQL Server logins and Windows authentication. Microsoft strongly recommends using Windows authentication for improved security.

**Occurrences:** 0

**Asset Findings for 172.16.2.186 on 1222 (SQLXPRESS)**

Asset Name	Asset Type	Instance Name	Version	Vulnerability Count
172.16.2.186 on 1222 (SQLXPRESS)	Microsoft SQL Server	X21K44X50K7266	Microsoft SQL Server 2008 R2	1

**Demo - Pen Test (built-in) (Framework: SHATTER) 5/5/2012 4:22:51 PM**

Generated Jun 26, 2011 6:35 PM EDT, Provided by AppDetectivePRO™, an Application Security, Inc. product Pg 2 of 2



## Benefits

### AppDetectivePRO: Agentless, Automated Data Scanning

Through its simple setup and easy-to-use interface, you can immediately discover, assess, and report on the security, risk, or compliance posture of any database or Big Data store within your environment (on premise or in the cloud) in minutes.

### Complete, Accurate, and Intuitive Data Security Solution

Automated inventory, testing, information gathering, and analysis empower you with the intelligence to harden the security of your data stores.

### Automated Data Security, Risk, and Compliance Questionnaire Development

Create or customize from a number of prepackaged data security controls based on industry standards and regulatory requirements.

### Manage Data Security Assessment Results and Remediation Efforts

Facilitates closing the loop from initial discovery of databases and Big Data stores to fixing the vulnerability or policy violation.

### Continuously Updated Data Security Knowledgebase

ASAP Updates - Extensive and continuously updated analytics and knowledgebase of relational databases and Big Data security best practices, configuration settings, and vulnerabilities.

## Discover

Our data security solutions provide a complete inventory of data stores along with their respective objects, users and enabled security features within your organization.

- Easily review all of the accessible assets, user access levels, and security feature usage throughout your environment.
- Identify and highlight recently added, rogue or missing data store installations and objects.
- Quickly ascertain the configuration state of all your data stores (relational or Big Data).

## Assess

Our products examine relational databases and Big Data stores for configuration mistakes, identification and access control issues, missing patches, or any toxic combination of settings that could lead to escalation of privileges attacks, data leakage, denial of service (DoS), or unauthorized modification of data.



We provide unique, agent-less, unauthenticated (network port inspection), and authenticated (credentialed) assessment approach with no impact on the target data store. This multifaceted approach provides an accurate assessment of the security of relational database or Big Data store.

We also include a comprehensive and continuously updated library of relational database and Big Data store vulnerability and security configuration issues backed by SpiderLabs. Through built-in and customized policies, users can examine data stores for Vulnerability, Configuration, and User Rights issues.

## Report

Our product reports and dashboards provide a consolidated view of vulnerabilities, threats, risks, and compliance efforts across heterogeneous data store environments. They empower organizations to document their current status, demonstrate progress, effectiveness, and operational efficiency. Through our reporting and analytics platform, organizations can evaluate trends, and drill down for a detailed view of each individual database, group of databases, or databases of specific business units or groups within the enterprise.

- Intuitive, easy-to-configure and customize, rapidly
- Supports business objectives that include enterprise security and financial risk posture, operational efficiency, regulatory compliance, and strategic planning

