Unified Database Security for Windows® Azure™ SQL Database

Complete database security and regulatory compliance for the cloud
Cloud Security Concerns

More and more small businesses are moving to cloud computing. The trend is confirmed by Microsoft® in its global SMB Cloud Adoption Study 2012, according to which “paid cloud services are expected to double in five years, while the number of the world’s smallest companies using at least one paid cloud service will triple in the next three years.”

Although cloud computing can offer small businesses significant management and cost-saving advantages, the flip side is the common perception of inherent security risks. Customers who want to move their applications and data to the cloud, can have peace of mind about the safety of their information and compliance with common regulations.

Windows Azure SQL Database is becoming more secure, and, therefore, widely adopted. However, there are still some database security measures that need to be taken to allow more applications and customers to safely move to the cloud. Customers’ concerns primarily revolve around secure data transfer, secured stored data, separation of duties and proper compliance.

HexaTire Benefits

- **Blocks SQL Injection Attacks** - Protects your applications and databases from SQL injection.
- **Controls** access to sensitive information to prevent information theft.
- **Helps you comply** with stringent regulations such as PCI DSS and SOX.
- **Easy to install**, configure and manage - HexaTire uses a Web-based management interface and does not encroach on your databases, so you don't need to change them.
- **Protects PII** - Protects your sensitive information and intellectual property in real time. Reporting the theft of your data after it’s gone is useless.

HexaTire proactively prevents the theft from taking place and continuously protects the valuable assets stored in your databases.

- **Scales with you** - All features can be controlled using one easy-to-use Web management interface so that every time you expand, HexaTire expands with you providing continuous database security using your existing policies.
- **Accelerates** database performance - HexaTire's patented caching mechanism goes far beyond its original goal of compensating for potential database latency. It actually makes your applications run faster. In a distributed application environment or hybrid architecture, HexaTire brings the data closer to the application, significantly improving response time.

Why HexaTire for Windows Azure SQL Database?

HexaTire is the number 1 database security solution with more than 120,000 customers worldwide. As a Microsoft BizSpark partner, HexaTire has a working knowledge and can fully secure Windows Azure SQL Database. HexaTire complements Microsoft SQL Database and Windows Azure SQL Database security measures with an all-in-one database security solution.

HexaTire supports both the Windows Azure compute cloud as well as SQL Database, enabling organizations to secure their databases both in hybrid and fully hosted models. With HexaTire, you can run your application either on-premises or on the cloud while accessing the Windows Azure SQL Database. In addition, many regulations require an external auditing system. HexaTire provides comprehensive independent database activity monitoring capabilities.
How it works

HexaTire’s powerful engine acts as a reverse proxy, filtering all traffic into and out of the database.

HexaTire for Windows Azure SQL Highlights

- Easy to install, configure and maintain with Web-based management
- Detects and blocks SQL injection attacks
- Prevents and alerts on attempted unauthorized database access
- Enforces separation of duties
- Monitors database access and activity
- Provides before and after image of changed data
- Helps to comply with regulations such as PCI / SOX / HIPAA
- Masks sensitive data in real time
- Hides sensitive assets such as Personally Identifiable Information (PII) or financial data
- Accelerates database performance for distributed applications

System Requirements

Hardware:
Minimum of 4 cores CPU and 4GB of RAM and 20GB of available hard drive space.

Supported Operating Systems
Windows®:
- Windows 2012
- Windows 2008 R2 Server (Service Pack 2 or above)

Linux:
- Ubuntu 9.04 and above
- CentOS 5.4 and above
- RedHat 6.x and above
- Debian 6.0.4 and above

Supported Browsers
- Internet Explorer 7 and above
- Mozilla Firefox 3.5 and above
- Google Chrome 7 and above

Additional Supported Databases
- MSSQL
- MySQL
- MariaDB
- PostgreSQL
- Amazon RDS