

AXIOMATICS DATA ACCESS FILTER FOR MULTIPLE DATABASES 2.0.1

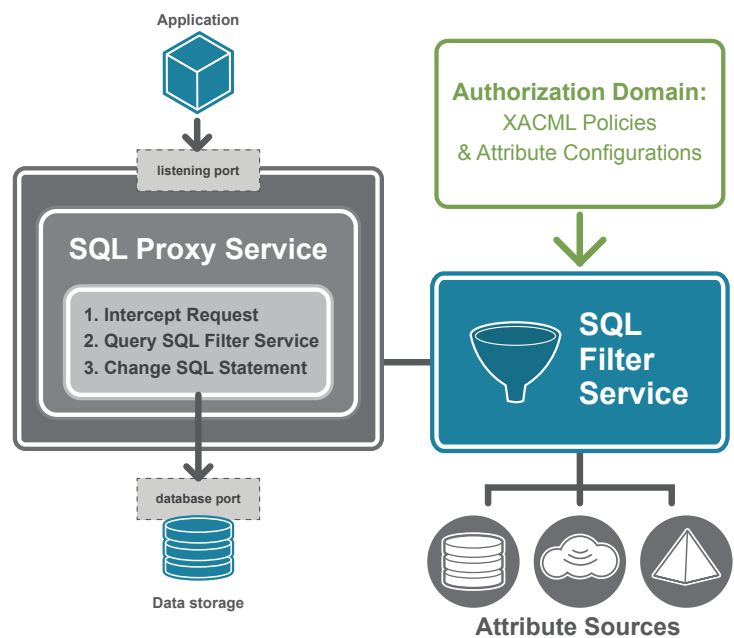
FEATURES

- **Data filtering:** Automates modification of SQL statements to control what data will be retrieved
- **Data masking:** Sensitive data, such as credit card numbers, are redacted or masked for unauthorized users
- **Data unmasking:** Cell-value processing for authorized users, for instance to decrypt an encrypted field
- **Standards-based:** Uses XACML 3.0-conformant policies and related additional attribute lookup
- **Multi-database:** The SQL Proxy can be used for different database types

FINE-GRAINED DATABASE ACCESS CONTROL

The Axiomatics Data Access Filter MD (ADAF MD) applies policy-based access control on databases. Data that the user is not authorized to access is filtered out. ADAF MD enables:

- Policy-driven data masking and unmasking of database contents as well as dynamic data access filtering
- Centrally defined and managed access policies
- Architecture suitable for integration with multiple database products



The Axiomatics Data Access Filter MD is a modular product with two main interacting services: the SQL Proxy Service and the SQL Filter Service. The SQL Proxy 1) intercepts incoming database queries, 2) prompts the SQL Filter for conditions based on XACML policies and attribute sources so it 3) can filter data by altering the SQL statement on the fly. The services can be deployed in a flexible way to meet high-availability requirements in different types of scenarios.

AXIOMATICS DATA ACCESS FILTER MD 2.0.1 SPECIFICATIONS

OPERATING ENVIRONMENTS

SQL Proxy:

- Windows Server 2008 R2, 2012, 2012 R2
- Redhat Enterprise Linux 6.1+, 7.1, 7.2, 7.3

SQL Filter Service:

- Windows Server 2008 R2, 2012, 2012 R2
- Redhat Enterprise Linux 6, 7 with latest updates
- JRE/JDK 8 64-bit

APS Express Edition:

- Windows Server 2012 R2, 2012, 2008 R2
- Redhat Enterprise Linux 6, 7
- CentOS 6, 7
- Ubuntu Server 12.04 LTS, 14.04 LTS, 16.04 LTS
- SUSE Linux Enterprise Server 11, 12
- JRE/JDK 8 64-bit

DISK AND MEMORY

SQL Proxy:

- Minimum memory: 2 GB (256 MB for the management console running standalone)
- Minimum disk space: 3 GB

SQL Filter Service:

- Minimum memory: 2 GB
- Minimum disk space: 100 MB

APS Express Edition:

- Minimum memory: 2 GB (4 GB recommended)
- Minimum disk space: 900 MB (2 GB recommended)

WEB BROWSERS

- Firefox 52.0 ESR or later
- Chrome 51.0 or later
- Internet Explorer 11
- EdgeHTML 15 or later

CURRENTLY SUPPORTED DATABASES

- Oracle 11gR2, 11gR1, 12cR1
- IBM DB2 LUW 10.1, 10.5
- MS SQL Server 2008 R2, 2012, 2014, 2016
- Teradata TPTAPI 14.10, 15

Support for databases/versions is continuously added. Contact your Axiomatics representative for details.

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