PRIVACERA AND SNOWFLAKE

Real-Time Cloud Data Sharing With Automated Governance and Compliance

As enterprises modernize their data stacks for the cloud using services like Snowflake, governing enterprise-wide data access can place a heavy burden on data teams. With numerous data processing engines, as well as in-house applications used in the cloud, data teams are forced to manually manage security controls in each platform separately, which requires more time, money, and resources, and increases the risk of human error. Without a centralized approach to governing data access across all cloud services, enterprises are vulnerable to security breaches, privacy and non-compliance violations, and delayed analysis of mission-critical data.

With Privacera's seamless, API-driven technology, Snowflake users can deploy a fully-configured data access governance solution in minutes and simplify their data access governance across all cloud services and applications from a single location, enabling:

- Secure data sharing across all business units with fine-grained access controls
- Seamless integration with no performance impact
- Reduced manual burdens on data teams with a centralized location to enforce consistent controls across cloud services
- Comprehensive access policies to provide rapid data access to data teams
- Full transparency of data access and usage with real-time data discovery and rich audits
- Trusted compliance with privacy and industry regulations like GDPR, LGPD, CCPA, HIPAA, and more

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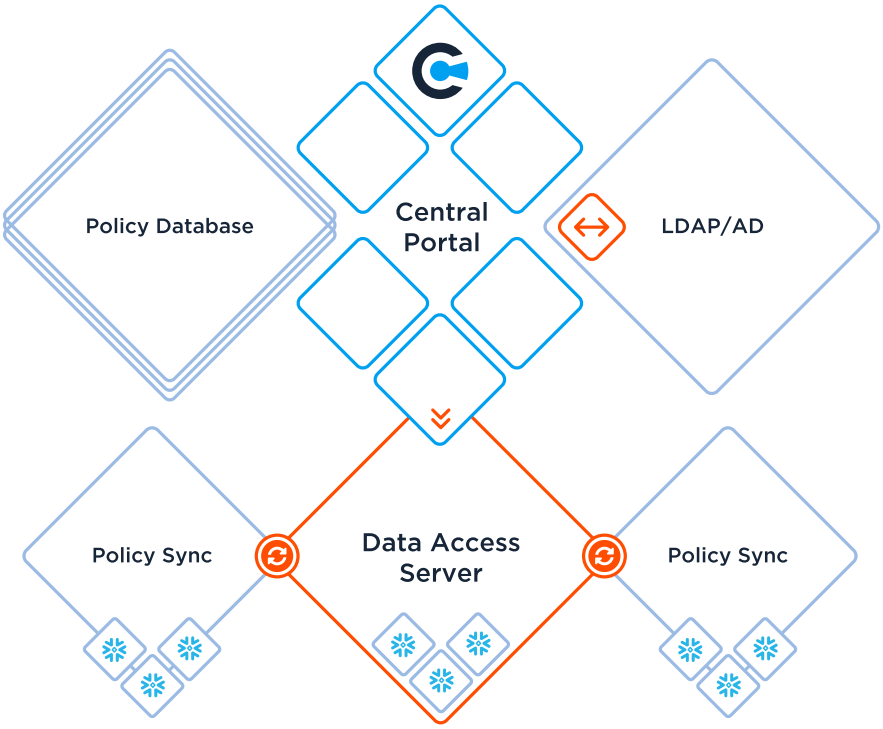
Privacera-AWS Architecture



The Privacera Platform automatically translates data policies into Snowflake-specific grant/revoke privileges that can be controlled down to file-, row-, and column-levels and also provides audit records from Apache Ranger's central audit store and engines like Apache Kafka, enabling Snowflake users to:

- Simplify policy management and enable tag-based policies
- Implement dynamic column masking, row-level filtering, and column-level access control and
- Centralize and publish audit records to external log aggregators and SIEMs
- Manage permissions for roles and set policies for users and groups from Active Directory
- Provide delegated policy administration for business groups and data owners
- Integrate with native Snowflake audits for precise access analytics
- Join datasets across multiple Snowflake roles
- Easily apply consistent compliance policies for GDPR, CCPA, LGPD, HIPAA, PII and other regulations

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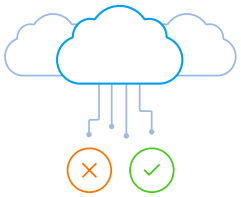
KEY FEATURES

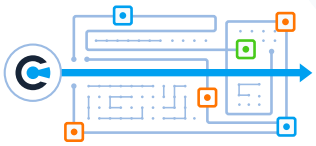


Automated Policy Management & Synchronization

- Policies set in Privacera Platform are automatically translated via the PolicySync module into Snowflake-native privileges using GRANT and REVOKE commands
- Policy changes are monitored in Apache Ranger and auto-matically applied to Snowflake environment

Single-Pane User and Policy Administration

- Policies set for resources at the user, group, and role levels are automatically translated into Snowflake policies and managed in the Privacera Platform
- Privileges or policies are assigned to specific roles and users are automatically associated with those roles



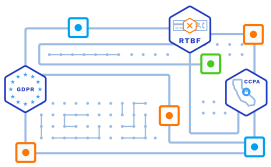
Single-Click Access Requests & Workflows

- Users can request data access to specific projects or assignments based on roles, resources, or applicable tags and/or all applicable data with a single request
- New entitlement policies are automatically generated for users and existing entitlement policies are updated based on users' requests.

KEY BENEFITS

Centralized, Fine-Grained Access Control

Control data access down to row-and column-levels



Automated Compliance

Simplify and automate compliance workflows for RTBF, GDPR, CCPA, PII, and LGPD

Reduced Manual Processes & Faster On-Boarding

Administrators can control access privileges for thousands of users and tables from a centralized interface

Accelerated Cloud Migration

Leverage Apache Ranger policies from on-prem to securely move data to the cloud

Ready to get started with Privacera and Snowflake?
Visit https://privacera.com/snowflake/ to learn more, or contact us at sales@privacera.com

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