Okera for Snowflake Data Cloud

Deliver Secure Data-Driven Applications Faster on Snowflake Data Cloud

Drive data and applications to customers faster with Okera’s data security integration for Snowflake Data Cloud. Easily protect confidential, personally identifiable, and regulated data from inappropriate access and misuse. Okera is a trusted Snowflake Data Access Governance Accelerated partner.

**Complexity is the enemy of security. Simplify and scale fine-grained data access control with Okera.**

Whether you’re building analytic applications with Streamlit, ML models with Snowpark, traditional BI dashboards, or granting access to Snowsight Worksheets, the question of security confounds data product teams. How do you maximize security and at the same time enhance the data consumer experience? What options are sustainable and cost-effective?

Okera integrates with Snowflake Data Cloud to **simplify and natively enforce fine-grained data access control policies**, making it easier and faster for teams to deliver data products and demonstrate compliance.

**KEY BENEFITS**

**COLLABORATION**
Don’t burden data engineers with policy ambiguity. Use Okera to share authority and accountability with data stakeholders in security, compliance, and the business.

**CONTROL**
Dynamically apply user-appropriate row-level filters, data masking, and de-identification techniques at the point of query to comply with data privacy regulations and security mandates.

**SIMPLICITY**
Define user entitlements as human-readable data governance policies. Leverage data and user attributes to build dynamic access policies that easily adapt to change.

**CENTRALIZATION**
All data access policies can be managed and enforced in one place. Stop implementing data access controls across applications and end-user visualization and BI tools.

**VISIBILITY**
Automatically log access requests down to the user, exact query, timestamp, access method, data attributes including sensitivity level, and whether requests are approved or denied.

**FGAC:** Fine Grained Access Control

**ABAC:** Attribute Based Access Control
Migrate Sensitive Data to Snowflake Data Cloud

Migrate sensitive data workloads to Snowflake Data Cloud while enhancing security, regulatory compliance, and operational efficiency. Standardize on single-source-of-truth datasets in Snowflake, allow data stakeholders to collaborate in Okera to define rich ABAC policies, then synchronize to Snowflake for fast, simple, and native enforcement of column, masking, and row-level data security policies.

Okera for Snowflake Data Cloud

Before Okera: data scientist was over-provisioned

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<thead>
<tr>
<th>COUNTRY</th>
<th>CONTACTNAME</th>
<th>EMAIL</th>
<th>PHONE</th>
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</thead>
<tbody>
<tr>
<td>France</td>
<td>Annette Roulet</td>
<td><a href="mailto:baylott1y@exblog.jp">baylott1y@exblog.jp</a></td>
<td>61.77.6555</td>
</tr>
<tr>
<td>USA</td>
<td>Rosa Hernandez</td>
<td><a href="mailto:fglanister24@google.cn">fglanister24@google.cn</a></td>
<td>215 555 9857</td>
</tr>
<tr>
<td>France</td>
<td>Laurence Lebihan</td>
<td><a href="mailto:lyakhin5@dagondesign.com">lyakhin5@dagondesign.com</a></td>
<td>91.24.4555</td>
</tr>
<tr>
<td>UK</td>
<td>Thomas Hardy</td>
<td><a href="mailto:ichick2a@glimmodo.com">ichick2a@glimmodo.com</a></td>
<td>(171) 555-7555</td>
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After Okera: row-level filter, tokenize, redact

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<td>REDACTED</td>
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Before Okera: analyst was locked out

002003 (42S002): SQL compilation error:

Object 'CUSTOMER_CONTACT_DETAILS' does not exist or not authorized.

After Okera: row-level filter, masking, null

<table>
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Okera is a Snowflake Data Access Governance Accelerated partner. Okera is available as SaaS or customer-managed, and works with all editions of Snowflake Data Cloud.

For more information visit okera.com/partners/technology-snowflake/