Veza for Databricks

Modern Identity Security Across Workspace-Level and Unity Catalog Access Models

Veza allows you to definitively answer the question of:

Who can take **what action** on **what resources?**

Overview

Databricks powers modern data ecosystems—from AI/ML pipelines to enterprise-scale analytics. As organizations adopt Unity Catalog as the new standard for access control, legacy workspace-level permissions often persist, creating complexity and risk. Over-permissioned service principals, siloed workspace configurations, and opaque access paths introduce unnecessary exposure.

Veza supports both Unity Catalog and legacy workspace-level permission models to deliver fine-grained visibility into who has access to what, and why. By unifying access data across Catalog, workspace, and account layers, Veza enables identity and security teams to enforce least privilege, reduce audit overhead, and ensure compliance, regardless of deployment complexity or cloud provider.

Access Challenges in Databricks Deployments

Excessive Admin & Service Principal Access

Privileged access to clusters, notebooks, and data Catalogs often remains in place long after it's needed.

Siloed Access Management Across Workspaces

In non-Unity Catalog configurations, each workspace enforces permissions independently, making organization-wide access reviews nearly impossible.

Limited Oversight of Non-Human Identities

Service principals and automation accounts often go unmanaged, despite controlling sensitive pipelines and data lake access.

Cloud-Specific, Manual Compliance Workflows

Databricks-native tools lack centralized visibility across cloud regions and tenants, slowing down audit prep and increasing risk.

Layered, Hard-to-Audit Unity Catalog Permissions

Entitlements span users, groups, schemas, Catalogs, and metastores—creating tangled access paths that native tools struggle to surface.

How Veza Helps

Veza integrates directly with both Unity Catalog–enabled and legacy workspace-level Databricks configurations to:

- Discover user → group → service principal → resource access relationships
- Visualize access across Catalogs, clusters, notebooks, schemas, and more with Veza's Access Graph
- Identify excessive group assignments, admin overreach, and service principal sprawl
- Detect stale, inactive, or unused access, both human and machine
- Track changes to permissions and configurations in near real-time
- Simplify access reviews, audit readiness, and compliance workflows

Result: Unified, identity-centric governance across your Databricks estate—whether you're fully migrated to Unity Catalog or still managing legacy access paths.

Key Benefits of Veza for Databricks

Unified Visibility

Gain single-pane-of-glass visibility into users, groups, service principals, and resource entitlements across all workspaces and federated Unity Catalog layers.

Access Risk Detection

Surface dormant access, misconfigured privileges, and over-extended entitlements—whether for humans or automation identities.

Fine-Grained Audit Trails

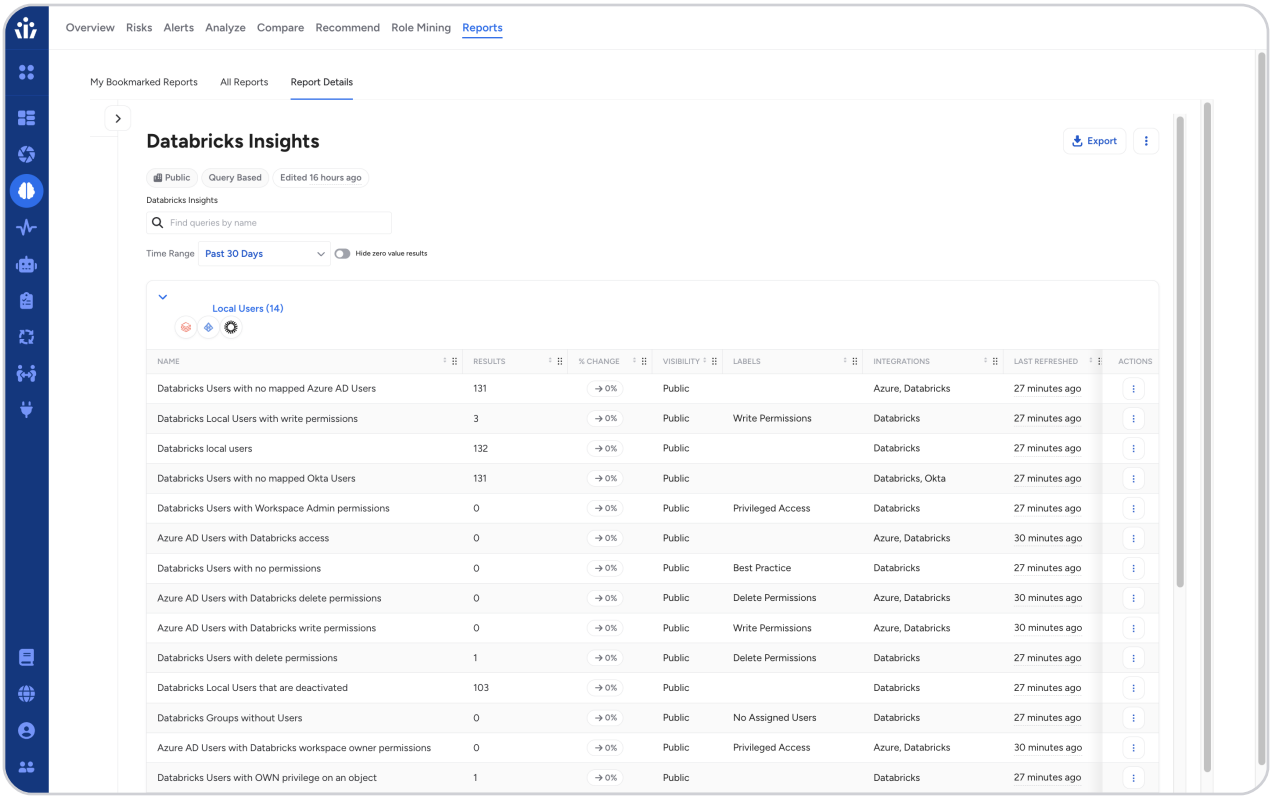
Trace true access paths and generate export-ready reports aligned to SOX, GDPR, PCI DSS, and internal controls.

Multi-Cloud Compliance Readiness

Support consistent, automated access reviews across AWS, Azure, and GCP-hosted Databricks deployments.

Why Veza for Databricks

Challenge	Veza Advantage
Siloed access controls across workspaces	Federated visibility across groups, users, and resources
Complex Unity Catalog access models	Access Graph visualizes entitlements across Catalogs, schemas, and metastores
Admin sprawl and unmanaged service principals	Identity insights into human and machine accounts
Reactive, manual compliance reporting	Near real-time monitoring and audit-ready documentation
Transitioning from the workspace to the Unity Catalog model	Full support for legacy and modern Databricks permission layers



Technical Overview

Veza ingests identity and access metadata across all Databricks access layers—whether your deployment uses Unity Catalog, workspace-level permissions, or a hybrid of both:

Users & Groups

Source (e.g., SCIM, Identity Federation), membership, and access to Catalogs, schemas, and tables

Service Principals

Usage scope, active status, and access privileges across data and compute

Workspace Admins

Centralized vs. workspace-specific permissions across environments

Metastores *(Unity Catalog only)*

Catalog grouping and cross-workspace visibility

Tables & Views

Read/write privileges, group entitlements, and access lineage

Catalogs & Schemas

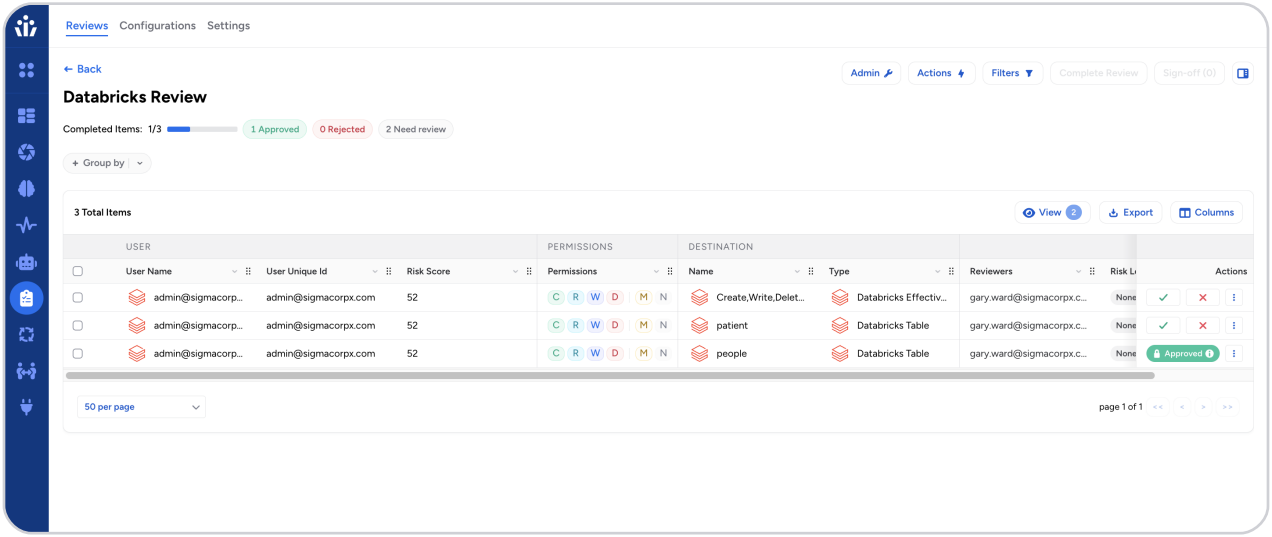
Ownership, ACLs, and usage frequency

Clusters

Ownership, admin access, and usage status

Notebooks

Shared access, edit privileges, and visibility into collaboration patterns



Get Started Today

Secure access across your entire Databricks deployment—from legacy workspace-level permissions to modern Unity Catalog–based governance.

Visit veza.com/integrations or contact your Veza representative to schedule a demo.