

Actian Avalanche

Cloud Data Warehouse

Innovative Third Generation Design

Fully managed service architected to solve today's complex hybrid data challenges.

Unrivaled ad-hoc data analytics performance and new levels of cloud economics

Only pay for what you use. Flexible hourly pay as you go pricing with the ability to stop the clusters whenever not in use

Actian's patented, zero performance penalty technology ensures real-time insights on the freshest data

Avalanche is a perfect foundation for an operational data warehouse at any scale

Multi-cloud architected design

Standards based interoperability thanks to SQL 2016 support, full ACID compliance and ODBC/JDBC connectivity.

Provision your cloud data warehouse in as little as 20 minutes

High-speed load from S3 storage using Spark

Open architecture integration with R, Python, Spark, and hundreds of other tools

DATA SHEET

Cloud data warehouse service

To stay competitive, data driven organizations are increasingly compelled to operate in the moment. To do this they need fresh data. Actian Avalanche delivers critical operational insights, with continuous updates reflecting business changes making it the foundation for your Operational Data Warehouse.

"Enterprises are being driven to get more value out of their data by enabling faster, more actionable insights that drive better business outcomes. This trend is fueling a market need for a new generation of operational data warehouses that are simple to use and deliver real-time insights at scale, without the traditional data lake performance penalties. Actian has recognized this need by concentrating on price/performance benefits with its next generation of cloud data warehouse and on-premise analytics offerings"

- Jim Curtis, Senior Analyst for the Data Platforms and Analytics Channel 451 Research

The following key capabilities make the Actian Avalanche an outstanding choice as a foundation for an operational data warehouse.

- **Performance at Scale** - The Avalanche cloud data warehouse was built from the ground up for high performance analytics in the cloud. Avalanche's speed, powered by its patented X100 engine vector processing technology, enables machine learning algorithms and ad hoc user queries to run faster and provide deeper insights from terabytes to petabytes.
- **Fully Managed with Pre-built Connectors** - Reduce administration costs and implementation time from weeks to minutes. Avalanche is designed to run on multiple cloud platforms and includes pre-built connectors to popular applications including Salesforce, NetSuite, ServiceNow and Workday.
- **Superior Price Performance** - Actian Avalanche's innovative technology and design enables customers to enjoy over 9X price-performance advantage over other cloud data warehouse alternatives.
- **Spectacular Operational Savings** - Avalanche FlexPath™ technology reduces operational costs to fit your organizations unique usage patterns by turning off compute resources when not in use. This powerful deployment flexibility provides organizations with the ability to provision analytic databases to match critical requirements such as operating only during business hours or shutting down over weekends.

Fully managed cloud data warehouse



Action's experts know better than anyone how to deploy, configure, tune and operate mission critical data infrastructures.

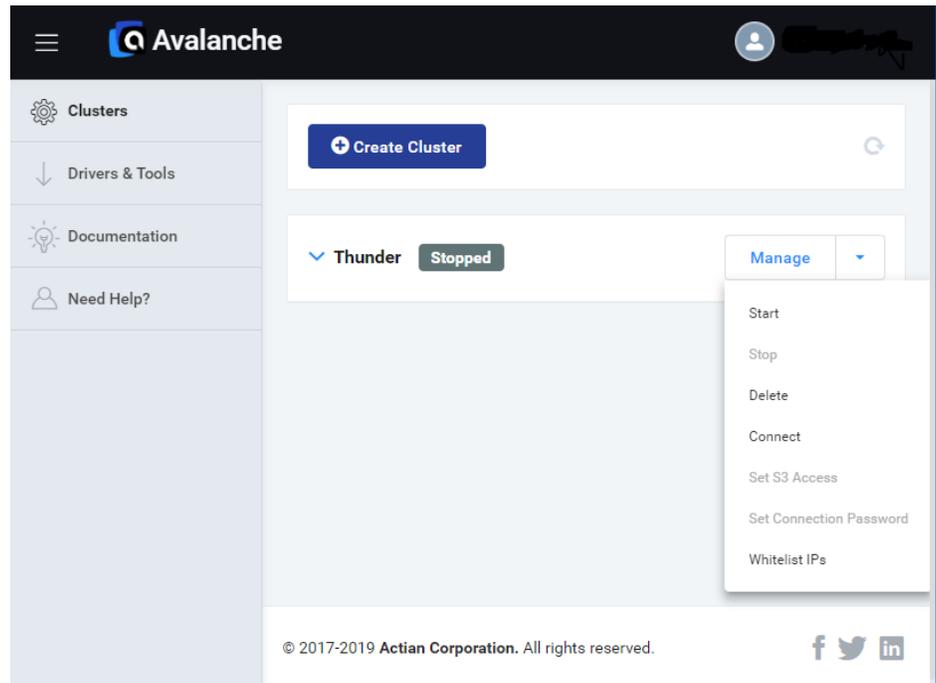
Built-in connectors to a variety of data sources including the most popular SaaS apps.

End-to-end encryption

Data masking and column level encryption

Point-in-time backup and recovery capabilities

Identity management for single sign-on with popular external authentication services.



Intuitive user experience

Modern web interface makes management simple

Features

- Web console for creating and ongoing management of data warehouses
- Single point of support through both monitored community and SLA-based tiered enterprise-class global support
- Comprehensive enterprise-grade security to support regulatory compliance needs
- AWS multi-regional cloud data center support in North America and Europe, with more regions planned
- Open, high-speed, pre-integrated connectivity through Spark for inbound data flow and to popular BI and visualization tools using JDBC and ODBC connections
- Connectivity through VPC, VNET and on-premise