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# Snowflake Unveils Next Wave of Compute Innovations For Faster, More Efficient Warehouses and AI-Driven Data Governance

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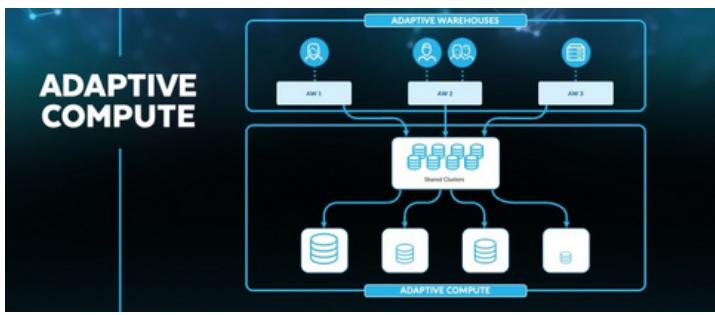
- *Snowflake is unveiling Standard Warehouse - Generation 2 with 2.1x faster analytics performance, accelerating insights for customers*
- *Snowflake Adaptive Compute makes warehouses even easier to use, taking the burden of platform management off customers<sup>1</sup> hands, while delivering faster results at a lower cost*
- *Snowflake introduces enhanced interoperability and new AI-powered security and governance in Snowflake Horizon Catalog, including the Copilot for Horizon Catalog and AI-led monitoring*

SAN FRANCISCO--(BUSINESS WIRE)-- [Snowflake](#) (NYSE: SNOW), the AI Data Cloud company, today announced at its annual user conference, [Snowflake Summit 2025](#), the next evolution of compute innovations that deliver faster performance, enhanced usability, and stronger price-performance value — raising the bar for modern data infrastructure. This includes [Standard Warehouse - Generation 2](#) (Gen2) (now generally available), an enhanced version of Snowflake's virtual Standard Warehouse with next-generation hardware and additional enhancements to deliver 2.1x<sup>1</sup> faster analytics performance and 1.9x<sup>2</sup> faster analytics performance than Managed Spark. In addition, Snowflake introduced [Snowflake Adaptive Compute](#) (now in private preview), a new compute service that lowers the burden of resource management by maximizing efficiency through automatic resource sizing and sharing. Warehouses created using Adaptive Compute, known as [Adaptive Warehouses](#), accelerate performance for users without driving up costs, ultimately redefining data management in the era of AI.

"We're reimagining what customers can expect from a modern data platform, delivering faster performance, easier scalability, and greater value for every dollar spent," said Artin Avanes, Head of Core Data Platform, Snowflake. "Snowflake's Gen2 more than doubles the speed of core analytics workloads, helping teams make quicker, data-driven decisions. Coupled with Adaptive Warehouses, we're enabling customers with an easier, more efficient approach to platform management where resource decisions are automated and right-sized. This isn't just about infrastructure improvements, it's about preparing your business to innovate quickly in the fast-moving AI era."

[Skip to main content](#)

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Snowflake Unveils Next Wave of Compute Innovations For Faster, More Efficient Warehouses and AI-Driven Data Governance

"As one of the world's premier biopharmaceutical companies, efficiency and scalability are critical to everything we do as we race to deliver medical innovations. Snowflake's easy, connected, and trusted platform has been instrumental in streamlining our operations so that we can maximize the value of our data, and the impact we drive for end users," said Steve Ring, Director of Enterprise Database Solutions, **Pfizer**. "We're excited about the potential of Adaptive Warehouses to build on that success. What we're seeing with Adaptive Warehouses is just the beginning of a larger trend in cloud computing — the ability to dynamically adjust resources based on workload demands, without human intervention."

## Snowflake Gen2 Provides 2.1x Faster Analytics Performance

As data volumes grow and workloads multiply, traditional compute can't keep up — slowing down queries, creating bottlenecks, and dragging down productivity. Gen2 warehouses are designed for faster performance on today's data demands, where organizations are running more complex, end-to-end analytics across rapidly scaling workloads. Powered by upgraded hardware and enhanced software, these innovations deliver lightning-fast analytics and industry-leading performance. Thousands of global customers can now leverage this updated version of Snowflake's current standard virtual warehouse in order to future-proof organizations for a fast-moving AI world.

## Snowflake Adaptive Compute Powers Business Innovation with Better Efficiency

In today's AI-powered landscape, organizations must continuously find new ways to accelerate time to value across all of their data in order to stay ahead. For decades, enterprises have grappled with operational drag at every layer of the stack — from time-intensive cluster management and disruptive upgrades to manual performance tuning and laborious optimizations.

Adaptive Compute marks a major step towards eliminating the operational complexity that often hinders businesses. By automatically scaling resources and intelligently routing queries behind the scenes, Adaptive Warehouses simplify warehouse management for customers — freeing up teams so they can focus on innovation instead of the infrastructure behind it. This ensures infrastructure becomes so seamless, it's virtually invisible to users. With Adaptive Warehouses powered by this compute service, teams no longer need to manually manage warehouse sizes, concurrency settings, or multi-cluster configurations. Moreover, Adaptive Warehouses are designed to incorporate the latest hardware and performance enhancements, while also optimizing resource sharing within an account, maximizing efficiency for superior price-performance.

## Snowflake Unveils More Platform Innovations to Strengthen Trust, Reliability, and Data Accessibility

In addition to delivering faster performance, enhanced usability, and stronger price-performance through new compute innovations, Snowflake is also introducing capabilities designed to enhance trust, reliability, and data accessibility including:

- Interoperability Across Catalogs and Engines:** With new [Catalog-Linked Databases](#) (generally available soon), customers can automatically sync [Snowflake Horizon Catalog](#) with Apache Iceberg™<sup>3</sup> objects managed by any Iceberg REST Catalog — including Apache Polaris™<sup>4</sup>, Snowflake's managed service for Apache Polaris ([Snowflake Open Catalog](#)), and AWS Glue — to easily apply advanced governance and discovery capabilities.
- Expanding Data Discovery with Universal Search:** Customers can discover data in external relational databases such as PostgreSQL, MySQL, and other external sources using [External Data in Universal Search](#) (private preview soon), all without leaving Snowflake. This allows users to find data from virtually anywhere, and extend visibility throughout the entire data ecosystem.
- Enhancing Security & Compliance with AI-Driven Data Governance:** With the new [Copilot for Horizon Catalog](#) (private preview soon), customers can easily get answers to governance and security questions through a [Snowflake Cortex AI](#)-powered chat interface without any SQL expertise required. This makes data oversight more intuitive and accessible while strengthening security and compliance through faster, more informed decision-making.

[Skip to main content](#)

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- **Safeguarding Businesses with Reliable Data Recovery:** To empower customers with enhanced regulatory compliance and cyber resilience against ransomware, Snowflake is now offering point-in-time, immutable backups with **Snapshots** (public preview soon). Snapshots ensure that data isn't altered or deleted once created for reliable data recovery when it matters most.
- **Customizing Security To Users' Needs:** Customers can now build and enable partner solutions for security scanners tailored to their unique requirements with **Extensions to Snowflake's Trust Center** (generally available soon). This gives companies more flexibility to meet industry-specific compliance standards with solutions that adapt to their environment.
- **Accelerating Issue Resolution & Optimizing Data Performance:** Snowflake customers can resolve issues faster, optimize performance, and boost developer productivity with real-time insights and unified diagnostics through new **AI Observability Tools** (now generally available) — delivering greater visibility and control across their data environment.

#### Learn More:

- Dive deeper into how Snowflake Adaptive Compute is making data warehouses truly effortless and fully optimized in [this blog post](#).
- Explore more ways Snowflake is expanding its platform capabilities, like AI-based threat detection, enhancements to Snowflake's Trust Center, and new AI observability tools in [this blog post](#).
- Check out all the innovations and announcements coming out of Snowflake Summit 2025 on [Snowflake's Newsroom](#).
- Stay on top of the latest news and announcements from Snowflake on [LinkedIn](#) and [X](#), and follow along at #SnowflakeSummit.

<sup>1</sup> Snowflake improvements based on performance of core analytics workloads measured as of May 3, 2024 using Standard Warehouse and May 2, 2025 using Gen2.

<sup>2</sup> Performance results based on core analytics workloads on 2XL Gen2 warehouse and comparable warehouse on Managed Spark as of May 2, 2025.

<sup>3</sup> "Apache Iceberg" is a registered trademark or trademark of the Apache Software Foundation in the United States and/or other countries.

<sup>4</sup> "Apache Polaris" is a registered trademark or trademark of the Apache Software Foundation in the United States and/or other countries.

#### Forward Looking Statements

This press release contains express and implied forward-looking statements, including statements regarding (i) Snowflake's business strategy, (ii) Snowflake's products, services, and technology offerings, including those that are under development or not generally available, (iii) market growth, trends, and competitive considerations, and (iv) the integration, interoperability, and availability of Snowflake's products with and on third-party platforms. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described under the heading "Risk Factors" and elsewhere in the Quarterly Reports on Form 10-Q and the Annual Reports on Form 10-K that Snowflake files with the Securities and Exchange Commission. In light of these risks, uncertainties, and assumptions, actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. As a result, you should not rely on any forward-looking statements as predictions of future events.

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#### About Snowflake

Snowflake is the platform for the AI era, making it easy for enterprises to innovate faster and get more value from data. More than 11,000 companies around the globe, including hundreds of the world's largest, use Snowflake's AI Data Cloud to build, use, and share data, apps and AI. With Snowflake, data and AI are transformative for everyone. Learn more at [snowflake.com](#) (NYSE: SNOW).

[Skip to main content](#)



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