

# OpenText Analytics Database version comparison

How upgrading can improve your Analytics Database investment

Upgrading to the latest version of OpenText™ Analytics Database (Vertica) provides improved performance, enhanced scalability, better disaster recovery, streamlined resource management, stronger security, optimized cloud-native deployments, seamless data integration, and an overall boost in efficiency and ROI potential, ensuring a more efficient and future-ready analytics platform.

| OpenText Analytics Database feature            | Benefits   | Versions |      |      |      |      |      |
|--|--|----------|------|------|------|------|------|
|  |  | 25.1     | 24.4 | 24.3 | 24.2 | 24.1 | 23.4 |
| Online upgrade for major releases              | Perform upgrades with zero hard downtime   | ✓        |      |      |      |      |      |
| Cloud cost optimization                        | Higher levels of operational reporting to support cloud cost optimization  | ✓        |      |      |      |      |      |
| Airbyte Postgres connector integration         | Automates data migration and syncing, reducing manual effort   | ✓        |      |      |      |      |      |
| Intuitive UI/UX for Eon Mode                   | Smarter way to manage and operate their Analytics Database   | ✓        | ✓    |      |      |      |      |
| Support for ARM architecture                   | Increased parallel processing with ARM chipsets that offer better performance and efficiency                                   | ✓        | ✓    |      |      |      |      |
| Depot improvements                             | Get better performance, scalability and efficient data loading   | ✓        | ✓    |      |      |      |      |
| Support for Voltage SecureData 7.0.1 and 7.0.2 | Provides advanced data protection features like encryption and tokenization, which are crucial for safeguarding sensitive data | ✓        | ✓    |      |      |      |      |
| PostgreSQL support                             | Support Postgres third part EcoSystem  | ✓        | ✓    |      |      |      |      |
| Object Stores monitoring                       | Object Stores monitoring dashboard to understand I/O metrics   | ✓        | ✓    |      |      |      |      |
| Health watchdog                                | Automatically detects and blocks queries during bad health conditions on the server  | ✓        | ✓    |      |      |      |      |

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| <b>Parquet scans enabled</b>                       | Parquet scans enabled  | ✓        | ✓    |      |      |      |      |
| <b>REST API</b>                                    | REST API published to automate database operations   | ✓        | ✓    | ✓    |      |      |      |
| <b>Query profiler notebooks</b>                    | Python-based application that visually represents query plans  | ✓        | ✓    | ✓    |      |      |      |
| <b>Provision large scale clusters</b>              | The ability to create a cluster with up to 60 nodes by default, and increase the limit to 120 on AWS, offers significant scalability benefits for Vertica users, particularly in cloud environments. | ✓        | ✓    | ✓    |      |      |      |
| <b>Kubernetes seamless upgrades</b>                | With Kubernetes handling the orchestration, users can perform upgrades and data replication in a controlled, rolling fashion without service interruptions. Backup and restore initiated in 24.2     | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Data pipeline</b>                               | Data pipeline for automated data streaming   | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Database Operations SDK</b>                     | Database Operations SDK published to enable integrators to automate database operations  | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>VerticaPy availability</b>                      | VerticaPy 1.0.0 and 1.0.1 released Query Profiler in 25.1  | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Iceberg Tables</b>                              | Iceberg Tables support (read only)   | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>In-database restoration points</b>              | Experience fast recovery, minimal downtime, improved data protection, and operational continuity   | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Apache Flink plug-ins</b>                       | Get even fast, more efficient integration with streaming data, even with event processing via Flink  | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Serverless compute for external tables</b>      | Spin up nodes as needed for analysis of any data, internal format or data lake format  | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Near-zero downtime hot fixes</b>                | Without taking the database offline, perform hot fixes, minimizing disruption  | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Support for VAR &amp; PLS regression models</b> | Enables advanced time series analysis and predictive modeling, enhancing your ability to uncover insights from complex data patterns for accurate decisions  | ✓        | ✓    | ✓    | ✓    |      |      |

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| <b>Automatic role assignment and enhanced security parameters</b> | Improves user access management, reducing the potential for human error, and strengthens security by enforcing tighter control over permissions        | ✓        | ✓    | ✓    | ✓    |      |      |
| <b>Automated Workload Routing</b>                                 | 3X your ROI with more efficient execution of every type of workload, automatically by channeling workloads to the best suited hardware                 | ✓        | ✓    | ✓    | ✓    | ✓    |      |
| <b>Data loader</b>  | Automatically import data, eliminating the need for manual copy command  | ✓        | ✓    | ✓    | ✓    | ✓    |      |
| <b>Support for chi-square independence test</b>                   | Perform statistical hypothesis testing for independence between categorical variables, making it easier to identify relationships in data              | ✓        | ✓    | ✓    | ✓    | ✓    | ✓    |
| <b>Initiate server-based replication from the source database</b> | Streamlines data replication processes, ensuring faster and more efficient data synchronization across environments, while reducing the risk of errors | ✓        | ✓    | ✓    | ✓    | ✓    | ✓    |
| <b>Redesign of toolbar, navigation, and MC homepage</b>           | Enhanced and consistent user experience  | ✓        | ✓    | ✓    | ✓    | ✓    | ✓    |

Read more about the [OpenText Analytics Cloud](#) and explore our composable AI-powered enterprise data platform, with OpenText Analytics Database as its foundation.