Teradata's Distribution of Presto Release Highlights

What's new in 167t - Highlights

- Microsoft SQL Server Connector

- Cassandra Connector to support version 3.x

- Catalog Access Control

- Role management for Hive connector

- Secured internal cluster communication over HTTPS using Kerberos or LDAP authorization

- Grouping Support

- Improved Timestamp semantics

- Improved query execution performance for Windowing Functions

- Additional predicate push down for Cassandra Connector

- Numerous other performance improvements, bug fixes and other features

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What's new in 157t - Highlights

- "Spill to Disk" Phase 1 – Support aggregations exceeding memory

- Secured internal cluster communication over HTTPS

- LDAP Authentication to Presto Web UI

- Optimizer to choose between repartitioned or broadcast joins automatically using Hive table statistics

- SQL Additions – All TPC-H and TPC-DS* queries supported

- Connectors

  - Teradata Support for Cassandra Connector

  - TPC-DS Connector

- Remove strict "sudo" requirement for running Presto Admin**

- Numerous performance improvements, bug fixes and other features

* few minor modifications required to run full TPC-DS set
** sudo still required for some actions such as rpm install

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What's new in 152t - Highlights

- LDAP Authentication

- SQL Additions

  - Correlated Subqueries

  - EXISTS

  - EXCEPT

- Connector Additions

  - Hive connector can write to bucketed tables

  - MySQL & PostgreSQL INSERT support

- Improved Window Function performance

- New Presto Web interface

- Presto & QueryGrid fully supported in AWS

- Numerous bug fixes and other improvements

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What's new in 148t- highlights

- New data types
  - VARCHAR(n)
  - CHAR(n)
  - INTEGER
  - SMALLINT
  - TINYINT
  - FLOAT

- SQL support improvements
  - Inequality joins
  - Uncorrelated sub queries in aggregation queries
  - INTERSECT
  - ROLLUP, CUBE, GROUPING SETS

- Improvements and fixes to surrounding projects

- QueryGrid new data types support

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What's new in 141t- highlights

- Kerberoized Hadoop Cluster Support

- Support for uncorrelated sub-queries

- Support for non-equi inner joins

- Decimal data type support

- Enterprise ODBC driver

- Enterprise JDBC driver

- Numerous bug fixes

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