

Revolution R Enterprise 5.0 for IBM Netezza Analytics README

Big Data and Big Analytics open an entirely new opportunity for data-driven organizations. Data sets that were previously unmanageable are now opening up worlds of possibility due to flexible and powerful platforms to manage the scale and complexity associated with crunching massive data. Now with the capacity, reliability and productivity enhancements of Revolution R Enterprise for IBM Netezza Analytics, organizations will be able to perform a wide-range of functions that others simply cannot. Advanced R computations are available for rapid analysis of hundreds of terabyte-class data volumes—and can deliver 10-100x performance improvements at a fraction of the cost compared to traditional analytics vendors.

Here's how these solutions work together:

- IBM Netezza Analytics comes with every IBM Netezza data warehouse appliance. Revolution R Enterprise 'plugs-in' to IBM Netezza Analytics to consolidate all analytics activity into a single appliance. Many algorithms have been optimized to run in parallel on the IBM Netezza appliance.
- Revolution R Enterprise brings high-performance, enterprise-readiness and support to R along with the ability to integrate advanced analytics into BI front-ends or Microsoft® Excel™. These extensions to the already-powerful R allow Revolution R Enterprise to have a significant impact across all functions in an organization.
- IBM Netezza data warehouse appliances architecturally integrate database, server and storage into a single, purpose-built, easy-to-manage system that minimizes data movement, thereby accelerating the processing of analytical data, analytics modeling and data scoring. It delivers exceptional performance on large-scale data, while leveraging the latest innovations in analytics.

Revolution R Enterprise 5.0 for IBM Netezza Analytics features open source R 2.13.2, together with the Intel Math Kernel Library for improved performance of many matrix-based computations.

Installation instructions are provided in your confirmation e-mail.

What's New in Revolution R Enterprise 5.0

- Update to Open Source R 2.13.2
- Support for IBM Netezza Analytics 1.2.3
- Expanded documentation, including a new manual, *Revolution R Enterprise for IBM Netezza Analytics User's Guide*, that combines the old *Workstation Configuration Guide* and the old *Netezza Package for R GUI Developer's Guide* into a single comprehensive, easy-to-use document.

Known Issues

- If you use the Netezza client packages built for R 2.13.2 with another version of R, you may receive warnings about the availability of the stats package when using the nzTApply function. These are harmless and do not affect the results returned by nzTApply.