Toad™ for SQL Server® Suite 2016 Functional Matrix

Quest

	Free Edition	Professional Edition	Xpert Edition	Development Suite
Essential Functionality				
Browse and navigate through database objects	✓	✓	✓	✓
New ribbon style toolbar to simplify workflow	✓	✓	✓	✓
Create and manipulate database objects through graphical interfaces	✓	✓	✓	✓
Edit: snippets, predictive typing, syntax highlighting		✓	✓	✓
Unicode support	✓	✓	✓	✓
Support for the latest database platform version: SQL Server 2014 and SQL Azure	✓	✓	✓	✓
Development Functionality				
Advanced code completion and SQL formatting	✓	✓	✓	✓
Manipulate and explore SQL with Script Map, that provides fast, structured and clear representation of your script	✓	✓	✓	✓
Execute scripts against multiple servers and instances.		✓	✓	✓
Query Builder	✓	✓	✓	✓
Compare code differences, database objects and files	✓	✓	✓	✓
ER Diagram with HTML Reporting	✓	✓	✓	✓
Integrated Debugger		✓	✓	✓
Convert embedded SQL to other programming languages (e.x. Delphi, C, C++, Java, Perl and VB)		✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server		✓	✓	✓
Team Collaboration				
Manage project assets, share common standards and templates		✓	✓	✓
Manage Toad files using the Library		✓	✓	✓
Version Control integration with over 10 version control systems		✓	✓	✓
Version Control for Toad files using Subversion		✓	✓	✓
View RSS and twitter feeds, including Toad community postings for greater collaboration	✓	✓	✓	✓
Code Analysis and SQL Optimization				
Visual SQL explain plan	✓	✓	✓	✓
Trace user sessions and visually display SQL Trace output		✓	✓	✓

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Identify problematic SQL directly from database objects, files and source code			✓	✓
Automate SQL rewrites to locate the most-efficient SQL alternative (internal to Editor and full external optimizer)			✓	✓
Optimize multiple SQL statements in batch, in context, with the source code, and provide the optimized code			✓	✓
Recommend the indexes and analyze impact on database environment through index simulation			✓	✓
Test SQL and T-SQL for scalability under simulated user loads to validate performance under production conditions				✓

Database Administration	Free Edition	Professional Edition	Xpert Edition	Development Suite
Browse multiple managed databases, perform tasks and drill down to the object level	✓	✓	✓	✓
Browse, navigate and manage database-specific objects like tables, views and roles	✓	✓	✓	✓
Quickly close existing database objects	✓	✓	✓	✓
Group objects across a server instance	✓	✓	✓	✓
Conduct server-side filtering on a per-database-object-type basis, including named filters	✓	✓	✓	✓
Redo or undo transactions stored in log files by reading online transaction logs, detached transaction log files or log file backups for reconstructing transactions		✓	✓	✓
Execute one or more scripts against one or more databases		✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server including database backup/restore.		✓	✓	✓
Schema, Data and Change Management				
Test Data Generator enables realistic data to be created		✓	✓	✓
Compare data between two databases, identify differences and run or generate a script to synchronize.		✓	✓	✓
Compare schema between one source and many databases, identify differences and run or generate a script to synchronize. Compare one source to multiple targets in one step.		✓	✓	✓
Compare server setup and configuration between two databases, identify differences and run or generate a script to synchronize.		✓	✓	✓
Automate (and schedule) data and schema compare with Toad Automation.		✓	✓	✓
Import/export data utilities	✓	✓	✓	✓
Import/export data from data grid into/from Excel and other files	✓	✓	✓	✓

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Advanced, highly-productive data grids offering simple column selectivity and grouping	✓	✓	✓	✓
Display table data representing Parent-Child dependencies (Master Detail Browser)		✓	✓	✓
Reverse engineer objects DDL, including roles and permissions to recreate objects in a different DB/schema		✓	✓	✓
Replay database workload to simulate production load levels in a test environment prior to deployment or implementation of database or platform changes				✓
Simulate database workloads using out-of-the-box industry standard benchmarks such as TPC-C and TPC-E				✓
Reporting	**Free Edition**	**Professional Edition**	**Xpert Edition**	**Development Suite**
Generate customizable database reports such as schema and data reports		✓	✓	✓
Automate report generation and distribution		✓	✓	✓
Generate reports on potentially problematic SQL and optimization results			✓	✓
Performance Diagnostics and Optimization				
Browse sessions, trace and manage database processes and locks		✓	✓	✓
Integration with Spotlight Essentials cloud which uploads daily performance data via the Diagnostic Server	✓	✓	✓	✓
Access to Spotlight Essentials to check the health of your databases **(moved to free Spotlight Developer in version 6.7)**	✓	✓	✓	✓
Detect and defragment inefficient indexes		✓	✓	✓
Monitor and snapshot key performance metrics			✓	✓
Analyze the impact of new indexes and index changes on the database			✓	✓
Analyze SQL execution plan changes between different DB environments (e.x. Dev vs. Prod or SQL Server 2008 vs. 2014)			✓	✓
Background Process pane tracks running processes in the Editor and Query Builder.	✓	✓	✓	✓
General				
Restrict access to Toad features	✓	✓	✓	✓
Access knowledge and educational content on Toad World and other resources directly from the search bar	✓	✓	✓	✓
Context-sensitive knowledge base, including best practices, worked examples, error messages and much more	✓	✓	✓	✓
Distribute configurations and settings to a group of users		✓	✓	✓
Reorganize and summarize data to create meaningful reports with pivot grids		✓	✓	✓

Identify discrepancies between files, data and objects, then edit duplicate data using Difference Viewer		✓	✓	✓
Use Automation to schedule a single script to run reports and queries, save results in Excel spreadsheets, and distribute results to the business community via email.		✓	✓	✓
Reduce manual effort and enhance productivity by recording and playing back keyboard commands using Macros	✓	✓	✓	✓