# Toad Data Point 6.4.1

# Release Notes

Monday, August 11, 2025

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## About Toad Data Point

Toad® Data Point is a multi-platform database query tool built for anyone who needs to access data, understand data relationships, and quickly produce reports.

With Toad Data Point, you can:

- Connect to almost any database or ODBC data source (see the Release Notes for a list of tested ODBC connections)
- Write SQL queries and join data across all platforms
- Automate and schedule frequent and repetitive tasks
- Streamline data collection
- Collaborate with team members
- Export data in a variety of file formats

Toad Data Point provides a full-featured Database Explorer, Query Builder, and Editor for the following databases:

- Oracle®
- SQL Server® and SQL Azure
- IBM® DB2® (LUW and z/OS)
- SAP® ASE, IQ, SQL Anywhere, and HANA
- Teradata®
- MySQL
- Snowflake®
- Databricks

Toad Data Point also provides querying and reporting functionality via the following provider types:

- ODBC
- Business Intelligence and NoSQL data sources
- Microsoft® Excel®
- Microsoft Access®

**ODBC Connections**

The purpose of the ODBC provider is to offer basic connection and querying capabilities to any database that supports an ODBC 3.0 or later driver. For a list of databases tested with the ODBC provider, see the System Requirements in the Release Notes. This form of connectivity allows connections to databases such as Netezza, IBM iSeries, Ingres, and Vertica™. Because this form of connectivity is generic, it is not full-featured and may not be as robust as the fully-exploited providers for the other databases.

**Business Intelligence and NoSQL Data Sources**

Toad Data Point provides users with the ability to connect to non-traditional data sources, such as Business Intelligence and NoSQL sources. You can connect to these data sources and explore data and objects, query data, report results, and automate tasks.

The following data sources are supported:

| | |
|---|---|
| **Business Intelligence** | Oracle Business Intelligence Enterprise Edition (OBIEE), SAP Business Objects™, Salesforce®, Microsoft SQL Server Analysis Services, Google Analytics™, OData, and SharePoint® |
| **NoSQL** | Azure Table Services, Cassandra™, Cloudera Impala, DynamoDB, HBASE™, Hive™, MongoDB™ |

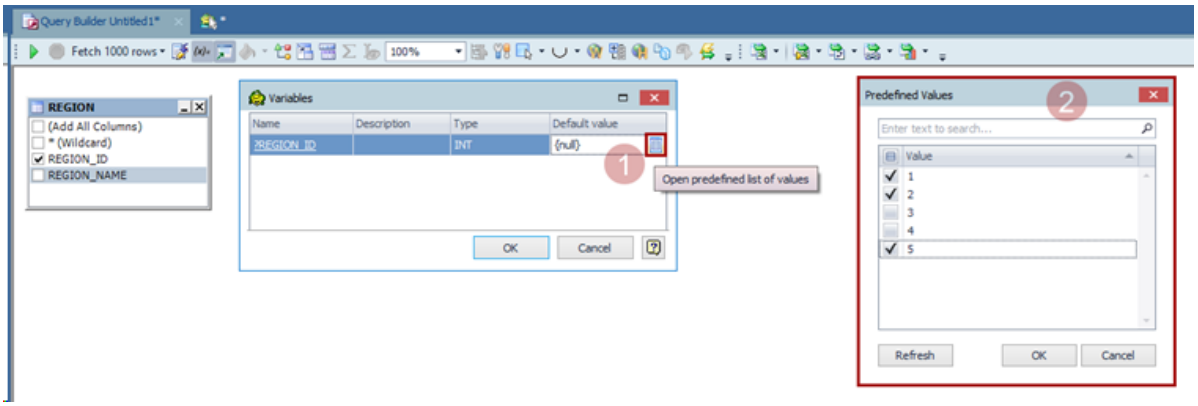
Toad Data Point 6.4.1 is a minor release with new features, security enhancements, and resolved issues.

# New Features

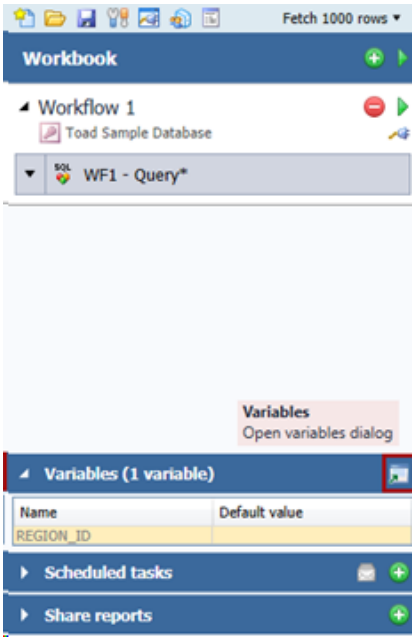
In Toad Data Point 6.4.1 the following new features were implemented:

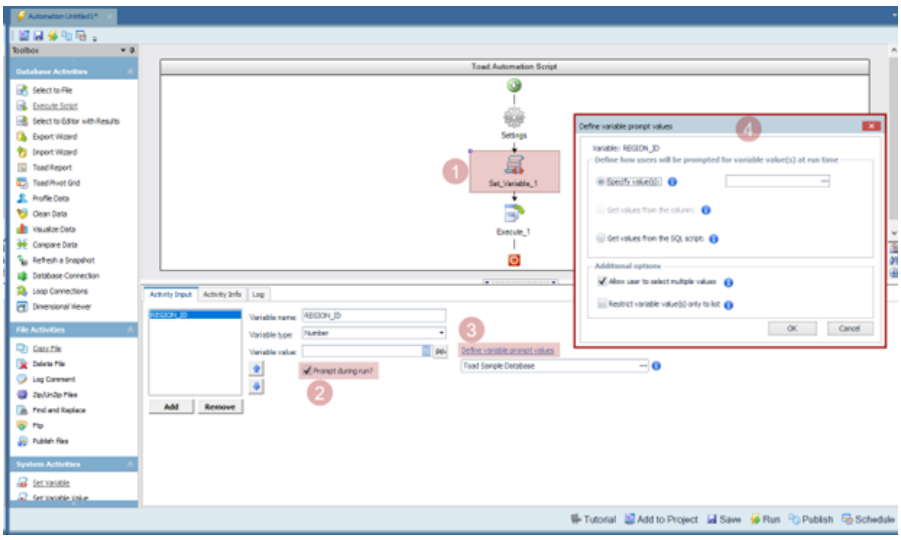
## Custom list of values for bind variables

Toad now enables you to define a specific list of values for use with bind variables in your queries.




These predefined values are saved in the Query Builder, Query Editor, or Workbook file and are automatically transferred to all downstream steps in Toad (such as Pivot, Transform and Cleanse, and Dimensional View). The predefined values can also be utilized in the Set Variable System Activity in Toad Automation.



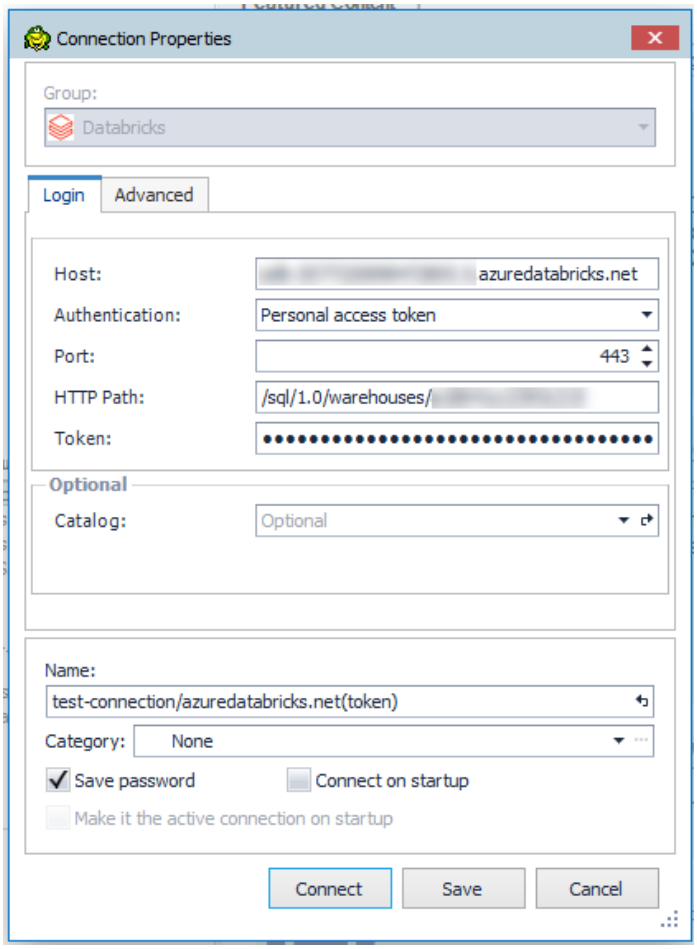



Selected values can be modified at any time—before or during query execution—in Toad Data Point, Toad Workbook, or Toad Intelligence Central (if the objects are published). This feature also introduces support for specifying multiple values for a bind variable when using the IN or NOT IN operator.

For complete details about this feature, see the Toad Data Point User Guide, sections Query > Using Bind Variables and Automation > Using Variables in Automation.

## Databricks Native Connection

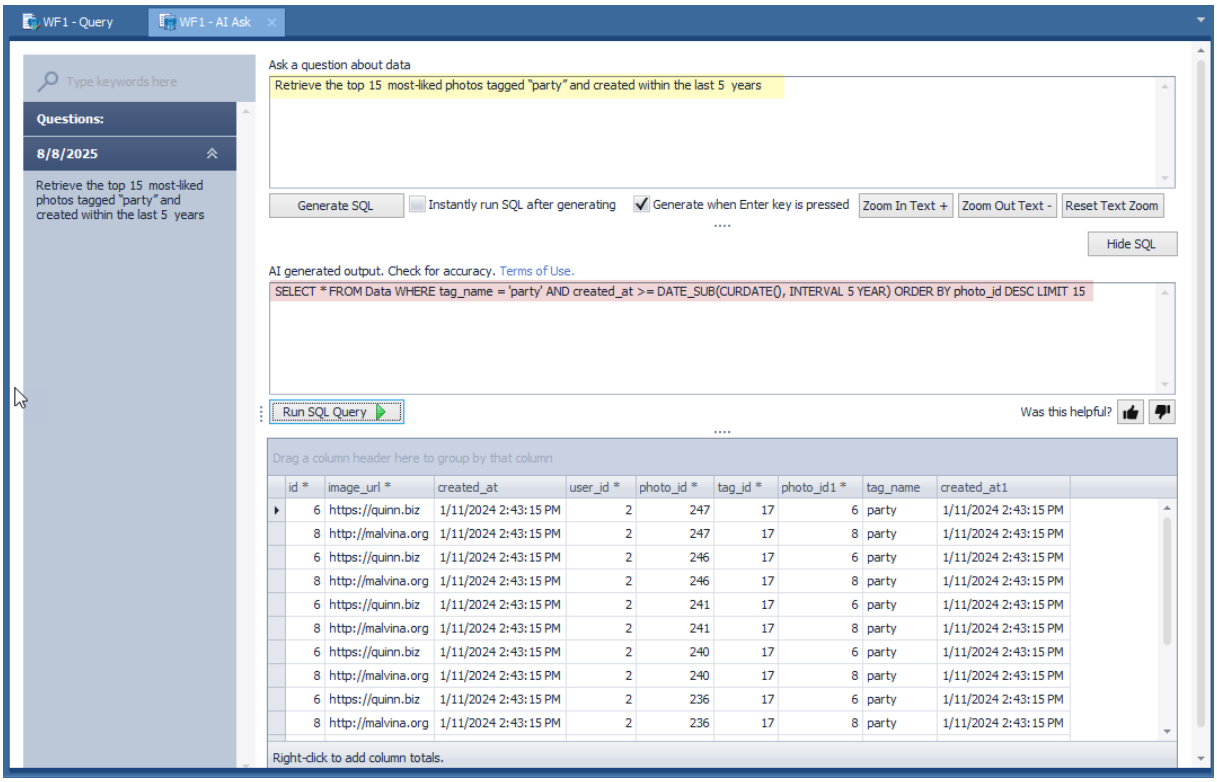
Toad Data Point 6.4.1 introduces the ability to create native connections to Databricks using either Personal Access Token or OAuth 2.0 Token authentication. This native connection provides full support for querying Databricks data through Object Explorer, Query Builder, and SQL Editor.




For instruction and additional details, please refer to the Create Databricks Connections section of the Toad Data Point User Guide.

## AI Ask – Enhanced Data Querying with AI

AI Ask is included with Toad Data Point Pro AI Subscription licenses and is available in Toad Workbook. This feature uses artificial intelligence to help you easily ask questions about your data in plain language and quickly get answers, even if you're not familiar with SQL.

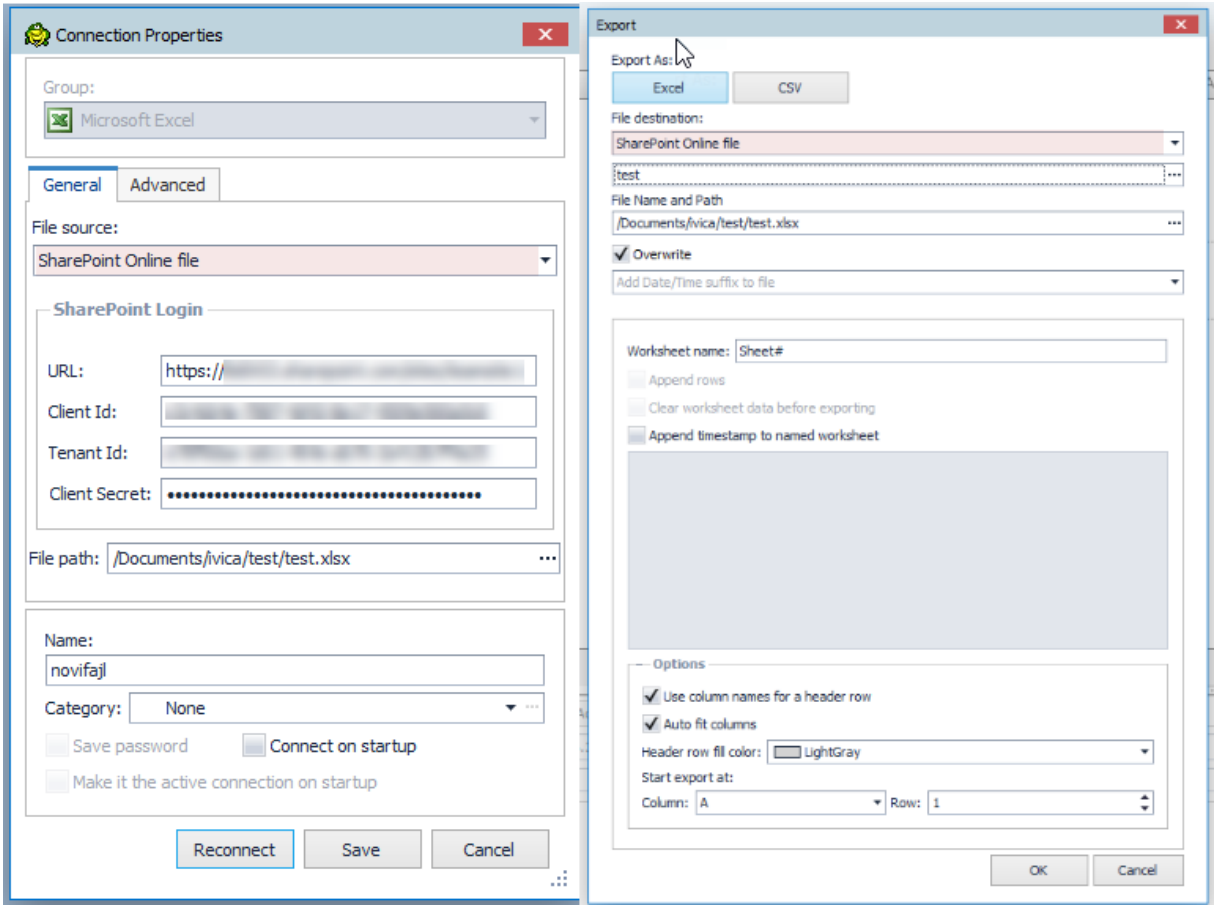



For step-by-step instructions and more details, see the AI Ask – Enhanced Data Querying with AI section of the Toad Data Point User Guide.

## Support for CSV and Excel Files on SharePoint Online File System

This Toad Data Point 6.4.1 release introduces expanded functionality in Toad Data Point for working with CSV and Excel files stored on the SharePoint Online file system:

- **Import and Export Wizard:** Import data from and export data to CSV or Excel files located on SharePoint Online.
- **Script Automation:** Automation scripts now support both exporting and importing CSV and Excel files directly on SharePoint Online. Supported steps include Select To File, Export, Import, Pivot, Clean Data, and Dimensional Viewer.
- **SharePoint File System Connections:** Seamlessly establish and manage connections to CSV and Excel files stored on SharePoint Online.




This feature simplifies and automates working with CSV and Excel files on SharePoint Online.

For step-by-step instructions on connecting to SharePoint Online and working with CSV and Excel files, please see the Toad Data Point User Guide:
- Create CSV Connections
- Create Excel Connections
- Import/Export Wizard support for CSV and Excel files stored to SharePoint Online server
- Automate Exporting to Excel Reports

## Snowflake Key Pair Authentication Support when Publishing on Toad Intelligence Central

Snowflake KeyPair authentication can be used for all main tasks in both Toad Data Point and Toad Workbook, such as connecting and working in Query Builder/Editor, and Import/Export Wizard. In this release, Key Pair authentication is also supported for publishing Workbooks and Automation scripts, as well as working with them on Toad Intelligence Central.

The only actions not yet supported with KeyPair authentication are publishing Views and Snapshots—this support will be added in a future release.

It is recommended to use Snowflake KeyPair authentication, as Snowflake has announced that password sign-ins will soon no longer be supported. This will keep your connections working smoothly.

## Idea Pond

Got a great idea for a new Toad Data Point feature or enhancement? Share it with the Development Team

and the Community by posting it on Idea Pond.

Visit Toad Data Point - Idea Pond where you can submit your ideas. You can also read and vote on the enhancement ideas submitted by other Toad users.

### Learn More

Remember, you can find blogs, videos, and forums at the Toad Data Point Community.

- Toad Data Point Videos - Learn about new features from product video demos.
- Toad Data Point Forum - Find answers to your questions in the forums.
- Toad Data Point Blog - Learn tips and tricks from blog posts.
- Toad Data Point - Idea Pond - Submit your idea to the Development Team.

# System Requirements

## Client Requirements

Before installing Toad, ensure that your client system meets the following minimum hardware and software requirements:

| Requirement | Details |
|---|---|
| **Platform** | 2 GHz processor (recommended minimum) |
| **Memory** | 16 GB of RAM minimum, 32 GB recommended<br>Additional RAM Requirements: Using Local Storage, Cross-Connection Query, Business Intelligence connections, or NoSQL connections can require an additional 500 MB of RAM. These features start processes (mysqld.exe, hubproxy.exe) which persist for the Toad session.<br>**Note:** The memory required may vary based on the following:<br>• Applications that are running on your system when using Toad<br>• Size and complexity of the database<br>• Amount of database activity<br>• Number of concurrent users accessing the database |
| **Hard Disk Space** | 800 MB to install Toad<br>450 MB to run Toad<br>Additional Recommendations: For retrieving large queries, allow 10 GB free disk space (or more, depending on the size of the data being retrieved). After retrieving 2500 rows, Toad saves data in a TMP (.tmp) file in the user's Temp directory. These TMP files are deleted when Toad closes. |
| **Operating System** | Windows Server® 2016<br>Windows Server® 2019<br>Windows Server® 2022<br>Windows® 10<br>Windows® 11 |
| **.NET Framework** | Microsoft® .NET Framework 4.7.2<br>**Teradata® .NET Data Provider**<br>You must install the Teradata .NET Data Provider (13.10 or later) to use a Teradata native connection in Toad.<br>**Note:** To use a Teradata connection in a cross-connection query, you must also install a Teradata (13.10 or later) ODBC driver. |
| **Additional Software** | **Visual C++ Redistributable for Visual Studio 2019.** This software is required. It is included in installation using the .exe installer. If using the .msi installer, ensure that this software is installed prior to installation. See Visual C++ Redistributable for VS 2019. |

| Requirement | Details |
|---|---|
| | For 64-bit Toad Data Point, both 32-bit and 64-bit Visual C++ packages are required. |
| **Database Client** | **DB2® Client**<br>Toad no longer installs a DB2 Client along with the Toad application. When connecting to a DB2 database, ensure that you have a DB2 Client or IBM Data Server Driver installed. Toad supports DB2 Client versions 9.7.6 through 11.1.<br>**Oracle® Client**<br>Toad can connect to Oracle using Direct Connect (no Oracle Client required) or using an Oracle Client or Oracle Instant Client. However, if you want to use LDAP, you must install an Oracle Client. Toad supports 9i or later Oracle Clients and Oracle Instant Clients.<br>**Notes:**<br>• You cannot use Oracle Direct Connection in a cross-connection query.<br>• To use an Oracle connection in a cross-connection query, you must install an Oracle Client (full install) or you must install the Oracle Instant Client plus the Oracle ODBC driver. |
| **ODBC Driver** | In order to create a native Snowflake connection, you must install the ODBC Driver 2.24.2 (or later) provided by Snowflake. Upon installing and configuring the driver, Toad Data Point will be set for this type of connection.<br>**Note:** New versions of the Snowflake ODBC Driver are backward-compatible, but there is no guarantee that earlier versions are forward-compatible. Active monitoring and maintaining of installed versions is advised.<br>For more information regarding the process of creating Snowflake connections, please refer to the Installation Guide and User Guide.<br><br>To create a connection to an Amazon Redshift database you must install the Amazon Redshift ODBC driver 1.3.1.1000 (or later version) on client computers accessing an Amazon Redshift data warehouse. For each computer where you install the driver, there are the following minimum requirements that you can find on the Amazon Redshift Web site.<br>For more information regarding the process of creating Amazon Redshift connections, please refer to the Installation Guide and User Guide.<br><br>To create a native Databricks connection, you need to install Simba Apache Spark ODBC Connector version 2.8.2 or newer. |
| **Additional Requirements** | **Web Browser**<br>Microsoft® Internet Explorer® 11 or later<br>**Screen**<br>Recommended maximum DPI settings for Toad are 125%. It is possible to use Toad up to 200% but some dialog windows will not be completely usable anymore.<br>Maximum tested resolution for Toad is 3800 x 2160 px. |
| **Network** | - Toad Data Point Subscription editions require the user to sign in when using the product. This enables the product to verify the user's identity and to check that they are entitled to use the subscription. To complete this entitlement check internet access is required to connect to Quest Software's Licensing Servers.<br>- Toad Data Point Subscription edition includes Quest Auto Update, a service that periodically checks for and delivers product updates. Quest Auto Update is configured to run automatically using the Local Service account after successful installation, Product updates are automatically downloaded, and a notification window alerts you to pending updates. Quest Auto Update requires internet access and must be able to reach the cloud service at https://autoupdate.toadworld.com |

## Server Requirements

Before installing Toad, ensure that your server meets the following minimum hardware and software requirements:

<table>
<tr><th>Requirement</th><th>Details</th></tr>
<tr><td>Native Database Server</td><td>Toad supports the following databases:<br>Oracle 10g R2, 11g, 11g R2, 12c, 12c R2, 18c, 19c, 21c<br>Toad has been tested on Oracle Exadata 2.0 running Oracle database 11g R2.<br>SQL Server 2012 and SQL Server 2012 Express<br>SQL Server 2014 Enterprise and SQL Server 2014 Express<br>SQL Server 2016<br>SQL Server 2017<br>SQL Server 2019<br>SQL Server 2022<br>Notes:<ul><li>SQL Server Compact Edition is not supported.</li><li>Storage Management is not available on SQL Server Express.</li></ul>IBM DB2 for LUW 9.7, 10.1, 10.5, 10.5.0.5, 11.1, 11.5<br>IBM DB2 for z/OS 11, 12, 13<br>Note: Toad may support IBM DB2 Express and SWE in addition to listed above servers but note that no testing was performed on it.<br>Note: Windows 8, 10 and Windows Server 2012 require the following Fix Pack in order to ensure registration of DLLs in Global Assembly Cache:<table><tr><td>IBM DB2 LUW 10.5</td><td>Fix Pack 4</td></tr><tr><td>IBM DB2 LUW 10.1</td><td>Fix Pack 4</td></tr><tr><td>IBM DB2 LUW 9.7</td><td>Fix Pack 10</td></tr></table>MySQL 5.0, 5.1, 5.5, 5.6, 5.7, 8.0<br>MariaDB 5.5.5, 10.2.8, 10.3.2 (using MySQL provider)<br>SAP ASE 15.5, 15.7, 16 SP03<br>SAP IQ 15, 16<br>SAP SQL Anywhere 16<br>SAP HANA SPS 08, SPS 09, SPS 10, SPS 11, SPS 12, SAP HANA 2.0, SAP HANA 2.0 SPS 02<br>SAP HANA Cloud Databases<br>Teradata 12.0, 13.0, 13.10, 14, 15, 16<br>Access® 2007, 2010, 2013, 2016<br>Note: To use Access 2016 64-bit to connect to an Access database in Toad, the Microsoft Access Database Engine is required and might not be included in the Access installation. The engine must match the architecture (bitness) of Toad.<br>Excel® 2003, 2007, 2010, 2013, 2016<br>Note: To use Excel 2016 64-bit to connect to an Excel or .csv file in Toad, the Microsoft Access Database Engine is required and might not be included in the Excel installation. The engine must match the architecture (bitness) of Toad.</td></tr>
<tr><td>ODBC Database Server</td><td>Toad Data Point allows you to create a connection to a database that supports an ODBC 3.0 or later driver. ODBC connectivity provides basic querying capability, but may not be as full-featured as a native connection in Toad. Toad has been tested on the following databases, using an ODBC connection:<ul><li>DB2 for i5/OS V5R4 and IBM i 6.1, 7.3</li><li>EDB Postgres Advanced Server 10</li><li>Greenplum® Database</li></ul></td></tr>
</table>

| Requirement | Details |
| --- | --- |
| | • Informix Dynamic 10.00, 11.0 (limited testing)<br>• Ingres Community Edition 2006 R2 on Windows 32-bit (limited testing)<br>• Netezza Data Warehouse Appliance 4.6.6, 6.0, 7.0, 7.2.1<br>• PostgreSQL® 9.5, 9.6.3, 10<br>• Vertica 4.1, 5.0, 5.1 (with 4.0, 4.1 ODBC driver), 6.0 (with 6.0 ODBC driver), 6.1, 7.0, 8.1, 9.0<br>**Note:** For a list of databases that are not supported, see Known Issues in the Release Notes. |
| **Cloud Database Service** | Oracle databases running on Amazon EC2<br>SQL Azure and Azure SQL Data Warehouse<br>**Note:** To be able to utilize a majority of Toad functionality, please grant VIEW DEFINITION on the SQL Azure databases you want to work with.<br>SQL Server databases running on Amazon EC2<br>Toad can manage Amazon RDS and any other cloud or service offering compatible with MySQL. |
| **Business Intelligence Connections** | Toad has been tested with, and supports, the following Business Intelligence platforms:<br>SAP Business Objects XI 3.1, 4.1<br>Oracle Business Intelligence Enterprise Edition 12.2<br>Salesforce.com®<br>Microsoft SQL Server Analysis Services 2016<br>Google Analytics™<br>OData version 4<br>SharePoint® Server 2013 |
| **NoSQL Connections** | Toad has been tested with, and supports, the following NoSQL platforms:<br>Azure Table Services<br>Apache Cassandra™ 3.11.0<br>Amazon DynamoDB<br>Apache HBASE™ 1.2.6<br>Apache Hive™ 2.1.0<br>Cloudera Impala 2.9.0, 3.2.0 with CDH 6.3.2. Toad Data Point has been certified by Cloudera.<br>MongoDB™ 3.4.6, 3.4.9, 4.0 |
| **Toad Intelligence Central** | This release of Toad Data Point has been tested with Toad Intelligence Central 6.4.1<br>**Note:** Some publishing features in this release of Toad might not be supported in earlier versions of Intelligence Central. For more information about compatibility between Intelligence Central versions and Toad Data Point 6.4.1 features, see the New Features section of the Toad Data Point Release Notes. |
| **VM and Cloud Platform Environments** | In general, the databases and data sources listed in this table are also supported when installed on a virtual machine (VM) or cloud platform. See the database or data source documentation for more specific information. |

| Requirement | Details |
|---|---|
| **Additional Testing** | **Data Set Size**<br>The following Toad Data Point functionality has been tested with data sets of up to 5 million rows: SQL Editor, Data Compare, Import Wizard, Export Wizard, Publishing Data to Intelligence Central.<br>For the following Toad Data Point modules, working with very large data sets can impact performance. For best results in these areas, work with data sets of less than 1 million rows: Dimensional Viewer, Pivot Grid, manually sorting a result grid, performing more than one Data Compare at a time (such as running multiple Data Compare Automation scripts simultaneously).<br>**Notes:**<br>• Performance can vary based on available disk space and memory, CPU speed, and the bitness of Toad, as well as the type and number of columns.<br>• It is recommended to use Toad Data Point 64-bit when working with large data sets.<br>• Import and export functionality was tested with .csv files.<br>• Performance testing was conducted using Toad Data Point 64-bit. |
| **Security** | • Starting with Toad Data Point 5.5, the TLS protocol v1.2 or above is required for MySQL data sources that use cross-query connections and store data in MySQL embedded hub.<br>• Starting with Toad Data Point 6.0 the TLS protocol v1.2 or above is required when establishing secure connections to MySQL data sources |
| **Toad Files** | • Files created and saved in a specific version of Toad Data Point or Toad Workbook are not guaranteed to be compatible with any earlier versions. If such files are opened in previous versions, full functionality and expected behavior cannot be ensured. |

## Virtualization Support

| Requirement | Details |
|---|---|
| **Application Virtualization** | When deploying Toad in a virtualization environment, for best results ensure the system accurately reflects the applicable client hardware and software requirements listed in this document.<br>Toad has been developed using Microsoft guidelines (see Remote Desktop Services programming guidelines) and can be deployed and operated in virtualization environments such as Citrix XenApp, Microsoft App-V, and VirtualBox.<br>See "Install Toad on Citrix Systems" (page 1) for more information. |
| **Server Virtualization** | Toad has been tested with the following:<br>• Oracle VM 3.1 running on Red Hat Enterprise Linux 64-bit with Oracle 11gR2<br>• Oracle VM 2.2 running on Windows 2008 32-bit with Oracle 11gR2 |

## User Requirements

***User Requirements to Install Toad***

Only Windows Administrators and Power Users can install Toad.

**Note:** The following exceptions exist for Power Users:

- (DB2 only) A Power User can install Toad as long as this user belongs to the DB2ADMNS or DBUSERS group.

If an Administrator installs Toad, the Administrator can share the Toad shortcut icon on the desktop and menu items with any user—a Power User, Restricted User—on the computer.

If a Power User installs Toad, a Restricted User cannot do the following:

- Associate file extensions.
- View the Toad shortcut icon on the desktop or the Toad menu options in the Windows Start menu. As a workaround, Restricted Users can create a shortcut to Toad from the install directory and place the shortcut on their desktop.

***User Requirements and Restrictions for Running Toad***

The following describes the requirements and restrictions for users who launch and run Toad:

- (DB2 only) A Windows Power User or Restricted User must belong to the DB2ADMNS or DB2USERS group. To add the user to one of these groups, select **Start | Control Panel | Administrative Tools | Computer Management | System Tools | Local Users and Groups | Groups | DB2ADMNS or DB2USERS**.
- (DB2 only) A Windows Power User or Restricted User does not have the authority to add or remove DB2 catalog entries using the Toad Client Configuration wizard. However, these users can use the Import Profile function in the Toad Client Configuration wizard to import catalog entries to Toad.
- (DB2 only) To take full advantage of Toad for DB2 LUW functionality, the user ID specified in the Toad connection profile for each DB2 for LUW database connection requires the authorizations listed in the following document:

  ToadDB2LUWAuthorizations.xls
- (DB2 only) As a minimum requirement to manage a DB2 for z/OS subsystem in Toad, the user ID defined in the Toad connection profile for the subsystem must either have SYSADM privileges or SELECT privileges on the DB2 catalog tables. For a complete list of authorizations (and corresponding GRANT statements) a user requires to take full advantage of Toad for DB2 z/OS functionality, refer to the following document:

  ToadDB2zOSAuthorizations.doc
- To create or modify the QuestSoftware.ToadSecurity table to enable Toad Security, the user who maintains this table must have privileges to create, insert, update, and delete it. All other users need only the ability to read the QuestSoftware.ToadSecurity table to use Toad Security features.

# Resolved Issues and Enhancements

The following is a list of issues addressed and enhancements implemented in this release of Toad Data Point:

**Resolved Issues in 6.4.1**

| Feature | Resolved Issue / Enhancement | Defect ID |
|---|---|---|
| Automation | "Connection failed" error is encountered on Toad Intelligence Central when running an Automation script that exports results using the Loop Dataset step | QAT-21330 |
| Automation | The variables set in the Set Variable step are not applied to the Clean Data step as part of the Automation script | QAT-20375 |
| Automation | The exported report from the Clean Data step is empty when an automation script is run on Toad Intelligence Central | QAT-21275 |
| Connection Manager | Connection can be saved without a name in the Connection Manager | QAT-21015 |
| Connection Manager | Broken hyperlink for Microsoft Access Database Engine download | QAT-20778 |
| Export Wizard | Toad Data Point becomes unresponsive when filtering connections in the Define Data Import/Export window | QAT-21033 |
| General | Workbook crashes when running a query with a WHERE clause against the Databricks data source | QAT-20215 |
| Import Wizard | Database dropdown list in the Import Wizard is empty when importing data to a Snowflake data source as a single new | QAT-20892 |

| Feature | Resolved Issue / Enhancement | Defect ID |
|---|---|---|
| | table | |
| Licensing | "Failed to log in" error is encountered on systems using only IPv6 network settings | QAT-21303 |
| Object Explorer | "ORA-06550" and "PLS-00306" errors are encountered when executing a stored procedure against an Oracle data source | QAT-19341 |
| ODBC | "General error;266 inconsistent datatype: INT type is not comparable with TIMESTAMP type" error is encountered when executing a TIMESTAMP variable on SAP HANA via ODBC Generic | QAT-20956 |
| Profiling/ETL | Statistics sub-tab under the Data Profiling tab is empty | QAT-20460 |
| Publishing Wizard | A table connection will be shown as an additional connection in the Publishing window when publishing a View that references that table for a Snowflake data source | QAT-20930 |
| Publishing Wizard | "Error: Sequence contains no elements" error is encountered when publishing a query or workbook that includes a bind variable whose prompt list is configured using the 'Get values from column' option | QAT-20887 |
| Query Builder | Query Builder file cannot be saved after changing its connection | QAT-20078 |
| Query Builder | "Missing a parameter to query" error is encountered when opening a query file created in a previous Toad Data Point version against the Snowflake data source | QAT-21200 |
| Query Builder | A query using predefined multiple values for bind variables returns no results when run against a Snowflake data source | QAT-21201 |
| Query Builder | Visualizing a query after replacing a Where operator using the "Find and Replace" option removes included bind variables from the SQL script for the Snowflake data source | QAT-21209 |
| Query Builder | The chosen value for a DATE bind variable picked up from a prompt variable list is removed when the prompt list is opened at the query runtime, and the Allow user to select multiple values option is unchecked | QAT-20750 |
| Query Builder | ORDER BY clause changes from DESC to ASC after visualizing a Snowflake query in Toad Data Point | QAT-20640 |
| Query Builder | "Invalid cursor state" error is encountered when scrolling to get all data shown in the Result Set tab for Snowflake data source | QAT-18585 |
| Reports Designer | Bind variables appear as "?" in the Report Data tab | QAT-20464 |
| UI | The number of rows will not be displayed under the Result Set tab after rerunning the query | QAT-20314 |
| UI | Topic, Tags, and Description fields appear in the Save As window | QAT-20022 |
| UI | The File Explorer UI does not follow the Toad Data Point standard when Snowflake Key Pair authentication is used | QAT-20824 |

| Feature | Resolved Issue / Enhancement | Defect ID |
|---|---|---|
| Workbook | The second run of the workbook that contains the cross-connection query never finishes | QAT-20924 |
| Workbook | The bind variable data type changes from DATE to VARCHAR after renaming it in Toad Workbook | QAT-20818 |
| Workbook | "ORA-01843: not a valid month" error is encountered when running a workbook with a date and time bind variable in a different regional date and time format in Toad Workbook | QAT-20928 |
| Workbook | Workbook containing a bind variables saves the original connection after changing it | QAT-20901 |
| Workbook | Shared reports from the Workbook file are not delivered completely via email | QAT-21251 |
| Workbook | "ORA-01861: literal does not match format string" error is encountered when running a Workbook on Toad Intelligence Central with a DATE variable against the Oracle data source | QAT-21249 |
| Workbook | The Variables icon is present in the Query Builder or Editor tab in Toad Workbook when the .twf file is opened through Toad Data Point UI | QAT-21244 |
| Workbook | "ORA-01843: not a valid month" error is encountered when running a Workbook on Toad Intelligence Central with a DATE variable selected from the prompt list against the Oracle data source | QAT-21252 |
| Workbook | "Invalid cast from 'System.String' to 'System.TimeSpan'" error is encountered when running a query with a DATE/TIME bind variable against a Snowflake data source | QAT-21207 |
| Workbook | Calculated fields from the Pivot step are not retained when copying or cloning a workflow in Toad Workbook | QAT-20890 |
| Workbook | "Restrict variable value(s) only to list" option does not apply to bind variables in Toad Workbook | QAT-20708 |
| Workbook | The calculated column created in the Transform & Cleanse step will not be shown in the downstream Pivot step if the query results set is empty | QAT-20781 |
| Workbook | The Connections window appears multiple times when opening a workbook file created with a connection that is not present in Toad Workbook | QAT-20863 |
| Workbook | Calculated fields in the Pivot step disappear after reopening the workbook file | QAT-20926 |
| Workbook | Error is encountered when working with Excel files containing spaces in column names in Toad Workbook | QAT-20764 |
| Workbook | "Error during opening" error is encountered when canceling the missing connection window in Toad Workbook | QAT-20473 |
| Workbook | Click on the Execute All button will not run the workflows containing the bind variables when there are empty workflows present in that workbook | QAT-21095 |
| Workbook | "There has been an error while decoding the Where Condition part of the saved model. The model will open | QAT-20823 |

| Feature | Resolved Issue / Enhancement | Defect ID |
|---|---|---|
| | without the Where Condition." error is encountered when reopening a workbook file | |
| Workbook | File connections that are not previously saved will be saved after opening those files in the Connection Manager | QAT-20862 |

### Enhancements in Toad Data Point 6.4.1:

***Fit to Data in Data Grid***

The new Fit to Data option automatically adjusts each column's width to fit the actual data values, not just the headers. This enhancement reduces horizontal scrolling and improves readability, especially when dealing with long column names.

# Known Issues

The following is a list of issues known to exist at the time of this release.

| Feature | Platform | Known Issue | Defect ID |
|---|---|---|---|
| Data Grid | n/a | Copied grid data as tab-separated text from results is incorrectly formatted | QAT-20066 |
| Workbook | n/a | The columns are removed from the Transformation and Cleanse, Pivot, and Dimensional View steps after adding or changing an alias in Toad Workbook | QAT-18559 |
| Query Builder | Snowflake | The incorrect syntax appears when using the DATE function in a query for the Snowflake data source | QAT-18608 |
| Variables | n/a | Default value is set to 1/1/0001 when not present in the predefined list | QAT-21301 |
| Workbook | n/a | Improper handling when editing Date/Datetime/Timestamp variables | QAT-21299 |
| Variables | DB2 | Error occurs when running a query against a DB2 Alias with multiple values in a variable | QAT-21298 |
| Variables | Oracle | DATE/TIMESTAMP format changes after refreshing predefined values with Get from Column option on TIC for Oracle data source | QAT-21267 |
| Variables | Teradata | DATE format changes after refreshing predefined values on a Teradata connection | QAT-21265 |
| Workbook | n/a | DateTime format changes after adding a calculated field in the Dimensional View step | QAT-21246 |
| Workbook | Oracle | 'ORA-01722 - Invalid number' error occurs when running a Workbook with a main query wrapped in a subquery alias containing IN/NOT IN variable with multiple values | QAT-21242 |
| Variables | n/a | Predefined list of variable values disappears in Query Builder and Editor after changing connection | QAT-20953 |
| Workbook | SQL Server | Publishing a Workbook with SQL 2022 query and predefined variable value fails with SSL Security error | QAT-20925 |
| Variables | Oracle | No error or message is shown when executing a query with bind variables using multiple values for DATE/TIMESTAMP types in Oracle | QAT-20889 |

| | | | |
|---|---|---|---|
| Variables | DB2 | Incorrect TIMESTAMP default value is applied in Workbook when selecting a single value from predefined list with multi-select disabled on DB2 z\OS | QAT-20716 |
| Workbook | n/a | Predefined list of variable values disappears when variable name changes to same name with different casing | QAT-20705 |
| Variables | DB2 | All variable types map as strings on direct DB2 z\OS connection when visualizing a single-line formatted query | QAT-20642 |
| Variables | n/a | DATE/TIMESTAMP format changes after unchecking Allow users to select multiple values option | QAT-20638 |
| Variables | n/a | TIMESTAMP format changes after refreshing predefined values | QAT-20636 |
| Publish | n/a | Toad Data Point does not display all data published to TIC | QAT-20626 |
| Explain Plan | n/a | "Unable to cast object of type 'Quest.Toad.Db.MultiDataParameter'" error occurs when opening Explain Plan tab for query with variables | QAT-20566 |
| Workbook | n/a | Get Values From Column Script shows columns from all workflows instead of only the first when multiple workflows have variables with the same name | QAT-20552 |
| Variables | DB2 | '"2024-07-31-05.09.15.040590" cannot be converted to datetime' error occurs when running a DB2 z\OS Automation script with predefined timestamp variable and DateTime type selected | QAT-20478 |
| Variables | Snowflake | "Expected descriptor record does not exist" error occurs when one variable exists in multiple Unions/Union All/Subqueries | QAT-20477 |
| Variables | SQL Server | "Failed to convert parameter value from a String to Int32" error occurs when running an empty variable for SQL Server | QAT-20462 |
| Publish | n/a | "Unable to cast object of type 'System.Xml.XmlDocument' to type 'System.Xml.XmlElement'" error occurs when publishing data as a View | QAT-20458 |
| Publish | n/a | Publishing a Workbook with variables to TIC is slow | QAT-20415 |
| Variables | n/a | Export fails when a variable in the IN operator exists in the query | QAT-20384 |
| Query Builder | n/a | SQL Format for DATE\TIMESTAMP data type is changed after unchecking Allow users to select multiple values option | QAT-20638 |
| General | n/a | SQL Editor custom toolbar is not being migrated to the new version of Toad Data Point | QAT-19436 |
| General | n/a | Highlighting style options in Editor settings cannot be migrated or applied | QAT-19434 |
| General | SAP ASE | Using SAP ADO.NET client and SAP ODBC driver it is not possible to convert any character set to all other character sets. | TMB-1850 |
| General | Sybase ASE | Currently, if you open a Toad file in Toad Data Point 3.0 or later that contains a connection to Sybase ASE and was saved in Toad for Data Analysts 2.7 (or earlier) the file opens in an untitled Editor window. Use the following workaround which is for a Query Builder file, but a similar method can be used for any Toad file. | N/A |

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|---|---|---|---|
| | | **Workaround 1:**<br>1. If you receive a message stating that the saved file cannot be opened, close the message pop-up. You will see that your Toad Query Builder document is open in an Editor window. Send this document to the Query Builder (**Editor \| Send to Query Builder**).<br>2. Save the new Query Builder document as a new Toad file.<br>**Workaround 2:**<br>1. Open the Toad file in Notepad.<br>2. Use **Find and Replace** to change all instances of "sybase" (all lowercase) to "Sybase" (first character uppercase, with the rest lowercase). | |
| General | Excel | If an Excel file is open in Toad, you cannot open the same file in a separate Excel instance. To review this and other limitations when using Excel in the Web Browser, see "Considerations When Using the WebBrowser Control" at: http://support.microsoft.com/kb/304662. | ST42486 |
| General | Salesforce | After successfully changing the password or token for a Salesforce connection in Toad, attempting to open a Toad document created in a previous version (3.7 or earlier) using this connection results in a "Could not resolve connection" error.<br>**Workaround:** Recreate the Toad document (Import/Export template, Query Builder file, Automation script, etc.) using Toad Data Point 3.8 or later. | N/A |
| Installation/ Upgrade | All | (MSI installs on Windows 7) If you are using MSI to install Toad on Windows 7 with UAC enabled, you can install a file that adds a "Run as administrator" option when right-clicking the MSI file:<br>http://www.symantec.com/connect/downloads/msi-run-administrator-context-menu-vista | N/A |
| | | Toad Data Point does not support installation paths that contain UNICODE characters. | N/A |
| | | Toad Data Point 3.0 or later doesn't support User IDs that contain Unicode characters. | ST90367, ST90372 |
| | | The Toad Data Point Read Only installation is read-only for all databases, with the exception of MySQL. If you are using a Read Only installation of Toad Data Point, you will be able to modify a MySQL (and only MySQL) database. | N/A |
| | | Currently, you cannot install Toad Data Point to a path that contains non-English characters. By default, Toad Data Point installs IBM DB2 merge modules as part of the standard installation process. These merge modules only support English characters.<br>**Workaround (Stand-alone installation):**<br>In the Destination Folder page of the installer, only use a destination directory that contains English characters | ST66330 |
| Installation / Upgrade | n/a | The custom toolbar is not migrated when upgrading to a new Toad Data Point version | QAT-18436 |

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|---|---|---|---|
| Installation | n/a | Previous installations cannot be uninstalled using TDP 6.2 Base & Professional Installer (for 32-bit or 64-bit)<br>**Workaround:** Removing Toad Data Point using the Control Panel | QAT-19245 |
| Installation | n/a | During installation on Windows 8, some users might encounter a prompt from Windows to install .Net Framework 3.5.<br>**Workaround:** In the Windows prompt, click **Skip this installation** to instruct Windows *Not* to install .Net Framework 3.5. | N/A |
| Connection | n/a | Leased connections can be published to TIC | QAT-21091 |
| Connections | ODBC | Currently, Toad does not support ODBC connections to the following databases:<br>• Sybase Advantage<br>• Oracle RDB<br>• Progress OpenEdge<br>• MySQL ODBC (The ODBC 3.51.17.0 driver is not supported, and attempting to connect using this driver results in columns not displaying for tables.)<br>**Workaround:**<br>Upgrade the MySQL ODBC driver to 3.51.27.00 or later to display table columns. | ST69744 |
| Connections | Azure SQL Database | You need to install Microsoft Active Directory Authentication Library (adalsql.msi) to connect to Azure SQL Database using Active Directory Password Authentication. | QAT-14556 |
| Connections | Access | Currently, for a password-protected Access database, selecting **Save password** in the Connection Properties dialog does not preserve the password for the next Toad session.<br>**Workaround:**<br>1. To open a password-protected Access connection, right-click the connection in the Navigation manager and select **Properties**.<br>2. Select the Advanced tab and enter the password.<br>3. Select the **Save password** checkbox and click **Connect**.<br>**Note:** This will allow you to connect to the database and save the password for this session of Toad. Repeat the procedure if you re-launch Toad. | ST94125 |
| Connections | Vertica ODBC | When using the Vertica ODBC driver version 6.1.1, data containing UTE-8 characters does not display correctly.<br>**Workaround:** Right-click the Vertica ODBC connection in the Connections Manager and select **Properties**. In the Connection Properties dialog, in the General tab, enter the following in the ConnectionString field:<br>ColumnsAsChar=0 | ST109484 |
| Connections | Amazon Redshift | You might experience problems after a Redshift connection is unexpectedly dropped. | QAT-2194 |
| Connections | Amazon Redshift | After canceling a Redshift query it might continue to run on the server. | QAT-2195 |

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|---|---|---|---|
| Connections | Amazon Redshift | When a Redshift connection in Toad is inactive for a period of time, attempting to access the connection can result in an error.<br>**Workaround:** Change the Windows TCP/IP timeout settings as recommended by Redshift. See "To change TCP/IP timeout settings" at http://docs.aws.amazon.com/redshift/latest/mgmt/connecting-firewall-guidance.html.<br>**Caution:** Editing your Registry incorrectly can cause serious, system-wide problems. It is advised that you back up your registry before modifying it. | N/A |
| Connections | N/A | Exported connections: A connection file exported from Toad Data Point 3.6 or later cannot be imported into version 3.5 or earlier. | N/A |
| Connections | MongoDB | For a MongoDB 3.0 (or later) connection, the user must have Read/Write privileges in the MongoDB database in order to view sub-tables (MongoDB embedded documents). | TIC-5520 |
| Automation | SharePoint Online | File destination settings revert to default values after switching between Export As tabs | QAT-21170 |
| Automation | All | When you use a Set Variable activity with a String type variable for a VARCHAR type column and during its run you input a value that is numerical only you may get a "Error converting data type varchar to numeric." error.<br>**Workaround**:<br>Use a convert function in your query so that Toad uses the correct datatype, e.g.:<br>`SELECT * from table WHERE my_varchar_column = TO_CHAR(:BIND_VAR)` | QAT-16234 |
| Automation | All | If Toad Data Point 6.4.1 is launched as administrator on Windows 7 systems with UAC turned on and Outlook running, the auto-populate SMTP server info and contact list in Automation Email and Error Emails does not function properly.<br>**Workaround:**<br>Submit this information manually. Another option is to either run Toad Data Point 6.4.1 not as administrator, or turn UAC off, or close Outlook when adding the Send Email activity in Automation. | ST80857 |
| Automation | All | When Toad runs *as an application* in a Citrix environment, scheduled scripts might not execute if the user who scheduled the tasks is not logged on. In addition, an "Access Denied" error is logged for the scheduled task in the Windows Scheduler.<br>**Workaround:** Install and run Toad as a desktop when using Toad with Citrix. | N/A |
| Automation | All | An 'System.Windows.Automation.Peers.AutomationPeer' sometimes occurs during application start. | QAT-14566 |
| Data | ODBC - Ingress | In some cases, earlier Ingress ODBC drivers display an "Invalid number of columns or parameters specified" error message when displaying data that has Unicode characters.<br>**Workaround:**<br>Download the latest Ingres 9.3 ODBC driver. | N/A |

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|---|---|---|---|
| Data Report Wizard | N/A | Report tab does not appear when clicking the Finish button in Toad Data Report Wizard<br>**Workaround:**<br>Avoid utilizing the Finish button in the Toad Data Report Wizard until reaching the "What style would you like" step | QAT-19068 |
| Execution Plan | SQL Server | You cannot generate an estimated execution plan for a local temporary table because the execution plan uses a different connection to generate the plan and does not know about the temp table.<br>**Workaround:**<br>Use the actual execution plan button to generate execution plans for SQL that contains a temp table. | N/A |
| Export Wizard/ One Click Export | Access, Excel | Limitations when exporting fractional seconds:<br>• When exporting to an Access Database File, exports do not support fractional seconds, so the additional data is not exported.<br>• When exporting to an Excel instance, exports support only 3-digits for fractional seconds. However, if you export to an Excel file, it supports all fractional seconds. | N/A |
| Export Wizard | SharePoint Online | The Select Output Options step in the Export Wizard does not register the first typed character as a change when a CSV SharePoint file path is selected | QAT-21173 |
| Export Pivot Grid | CSV | When the "Use current regional settings" option is enabled in CSV settings, it doesn't apply to the exported Pivot Grid | QAT-18992 |
| Export Pivot Grid | CSV | Title: When exporting a Pivot Grid, if the "Always quote strings/char" option is checked, it is applied to all data types in the exported CSV file | QAT-18981 |
| Export Pivot Grid | Excel/CSV | When exporting a Pivot to an Excel or CSV file without any suffix and without overwriting the existing file, three successive messages about file existence appear | QAT-18990 |
| Export Dimensional View | CSV | SQL code is not included in the exported CSV file if the "Include SQL statement in output file" option is checked when exporting Dimensional View | QAT-19033 |
| Import Wizard | SharePoint Online | Import operation fails when targeting a SharePoint Online file through the Datasource Table option in Import Wizard | QAT-21122 |
| Import Wizard | Excel | Attempting to import data that was exported to an Excel instance where the fractional seconds were truncated results in an error. | N/A |
| | | Attempting to import data from a template that contains multiple worksheets results in an error. | ST77978 |
| | ODBC - DB2 iSeries, Netezza | Currently, the **Truncate table** checkbox is disabled on the Select Target page when using an ODBC connection to a DB2 iSeries or Netezza database. | ST77986 |
| | Oracle, DB2 | When importing data using the Add Query feature, BLOB data is not imported even though the dialog and log indicate that the import was successful. | ST77255 |
| Library | N/A | A UAC setting at the highest level might interfere with the | N/A |

| | | | |
|---|---|---|---|
| | | ability to drag a file to the Library window (from Windows Explorer) to add it to the Library.<br>**Workaround:** Set UAC to the default level to enable adding a file by dragging it to the Library window. | |
| Local Storage | N/A | **Issue:** Local Storage is incompatible with previous versions of Toad.<br>If you upgrade to Toad Data Point 3.6 from a previous version, Local Storage upgrades silently and can no longer be used by the previous version of Toad Data Point (3.5 or earlier).<br>If you plan to uninstall 3.6 after installing it and then resume using a previous version, backup your Local Storage data prior to installing 3.6.<br>**To backup Local Storage data**<br>1. Navigate to C:\Users*username*\AppData\Local\Quest Software\Toad Data Point Hub Data.<br>2. Make a copy of the *Toad Data Point Hub Data* folder and save it using a new name (such as *Toad Data Point Hub Data 3.5 backup*). If you uninstall 3.6, just move this copy back and use the original folder name. | QAT-3812 |
| Object Explorer/ Database Explorer | Sybase ASE | When viewing a table that contains a BIGTIME data type column, attempting to select the Data tab causes Toad to unexpectedly quit. | N/A |
| Object Explorer/ Database Explorer | Sybase ASE | Currently, only foreign key constraints can be added or modified for existing Sybase ASE tables. | ST55111 |
| | Oracle 11g | On the Create/Alter User window, if you are modifying a password, you must enter the password in the proper case. You do not need to surround the password with double quotes.<br>If you enter the password in lowercase on the Create/Alter User window, and the generated script has a SQL command containing the password in lowercase, you will need to type the password in lowercase to login.<br>If you enter the password in uppercase on the Create/Alter User window, and the generated script has a SQL command containing the uppercase in lowercase, then you will need to type the password in uppercase to login. | ST66705 |
| Publishing Wizard | N/A | Users with Active Directory authentication and with TIC 4.0.3 and TDP 5.0.3 will not be able to see automation logs. This issue does not occur when TIC and TDP are the same versions. | QAT-14578 |
| Query/ Query Builder | All | The copy of the sub-query that contains the Union All operator is created after the connection in the Workflow is changed | QAT-17267 |
| Query/ Query Builder | All | The Query Builder currently uses a 24-hour format for timestamps. Attempting to run a query with a date range that includes a 12-hour timestamp format results in incorrect formatting of the timestamp. | ST78729 |
| Query/ Query Builder | Local Storage | Currently, in a cross-connection query using Local Storage, Toad does not support quoted table alias names (example, the table alias "foo bar"). Quoted column names are supported. | ST86483 |
| Save As | | For some users who enabled the **Automatically add files to** | N/A |

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|---|---|---|---|
| Dialog (Library) | | **library on open** feature, the **Save** and **Cancel** buttons in the "Save As" dialog are disabled. This issue was encountered in a Windows 10 environment. See knowledge base article KB235265.<br>**Workaround 1:** Press **Enter** when the Save As dialog is open to save your file.<br>**Workaround 2:** Select **Tools \| Options \| Environment \| General** and clear the **Automatically add files to library on open** check box. If you use this workaround, newly-saved files and opened files are no longer automatically added to the Library. | |
| Toad Intelligence Central | All | When data includes high-precision numbers (i.e., those with a large number of decimal places), results from publishing to Intelligence Central may not always be as expected. In some cases, data may be truncated to include not more than 15 significant digits. | N/A |
| Toad Intelligence Central | N/A | **Background:** In Toad Data Point 3.5 or later, your Intelligence Central user name must be lower-case.<br>**Issue:** In Toad Data Point 3.5 (or later), if you attempt to open a previously-saved connection to Intelligence Central 2.2 (or earlier) in which the user name contains upper-case letters, the connection will error.<br>**Solution:** Upgrade to Intelligence Central 2.3. | N/A |
| Data Compare | N/A | Data Compare cannot be performed on a very large number of tables with many columns. If maximum compilation size is exceeded you will receive a message with a recommendation to lower the number of tables or columns compared | QAT-14218 |
| User Interface | N/A | **Issue:** Toolbar sub-menus and buttons disappear when selected. If you experience this issue, use the following workaround.<br>**Workaround:**<br>1. In Toad, select **Help \| About** and select the **Application Data Directory** link to open this directory. Then exit Toad.<br>2. In the App Data directory, open the Session sub-directory and delete the **Analyst.tss** file. Restart Toad.<br>3. In Toad, select **Tools \| Configuration Wizard**. Click **Finish** to close the wizard without selecting an option. The default option will be applied. | QAT-6045 |
| Workbook | SharePoint Online | Automation script containing an Execute Script step that exports an Excel SharePoint file connection script to local storage hangs and freezes TDP when cancellation is attempted | QAT-20395 |
| Workbook | SharePoint Online | Microsoft Excel and CSV SharePoint Online connections are displayed incorrectly in Toad Workbook | QAT-21034 |
| Workbook | N/A | "Error during saving" error is encountered when saving a workbook file | QAT-21256 |
| Workbook | N/A | When you disconnect in Query Builder Toad may throw an error.<br>**Workaround**: Backup your Workbook by clicking Save As and restart Toad Workbook. | N/A |

# Third Party Known Issues

The following is a list of third party issues known to exist at the time of release of Toad Data Point 6.4.1.

| Feature | Platform | Known Issue | ID |
|---|---|---|---|
| Connect to Database | DB2 | If you are using the DB2 Client version 9.5, 9.7, or 10.1 in a Windows 8 or Windows Server 2012 environment, follow the instructions in IBM DB2 Technote 1618434: http://www-01.ibm.com/support/docview.wss?uid=swg21618434. | N/A |
| Connect to Database | Excel | The following error is encountered when attempting to create a connection to an extremely large Excel file (for example, 20 MB or larger): "Microsoft. ODBC Excel Driver. System resource exceeded."<br>For more information, see http://www.toadworld.com/products/toad-data-point/f/36/p/20201/40998.aspx.<br>**Workaround:** Convert the Excel file to a CSV file. | N/A |
| Connect to Database | Oracle | (Oracle 10.2.0.1 client only) Attempting to connect to an Oracle database From Toad using the 10.2.0.1 Oracle client results in the following error: “ORA-24909: call in progress. Current operation canceled”. This is a known issue with this Oracle client (http://www.dbmotive.com/oracle_error_codes.php?errcode=24909).<br>**Workaround:** Upgrade your Oracle client to a later version and connect to the Oracle database. | N/A |
| Connect to Database | Oracle 11 only | When connecting to Oracle 11, you must enter the password in the proper case because passwords are case-sensitive. | N/A |
| Toad Data Point Automation | All | Automation in Toad Data Point 3.3 or later requires .NET Framework 4.5 (or later). If you are using .NET Framework 4.0 without .NET Framework 4.5 (such as in Windows XP), you may encounter the following:<br>• After running a scheduled Automation script, Toad generates an error message even though the script executes successfully.<br>• In a Toad Intelligence Central environment, after running any published Automation script (scheduled or un-scheduled), Toad generates an error message even though the script executes successfully.<br>**Workaround:** Upgrade your Windows OS to Windows 7 and install .NET Framework 4.5 or later. | N/A |
| Data | ODBC- DB2 z/OS | In compatibility mode, the ODBC driver does not return enough information for the CommandBuilder to correctly generate update or insert statements. | N/A |
| Editor | Teradata | If you experience performance issues using a Teradata connection, especially when using code completion in the Editor, use the Teradata Non-X views (instead of the X views).<br>**To use Teradata Non-X views**<br>• Select **Tools \| Options \| Database \| Teradata** and select the **Use Non-X views in Object Explorer** option. | N/A |
| Export Wizard/ | All | To export to an Office 2003 or 2007 Excel instance, the Office Primary Interop Assemblies (PIAs) must be installed. You can | N/A |

| Feature | Platform | Known Issue | ID |
|---|---|---|---|
| One Click Export | | install the PIAs from one of the following locations:<br>**2003 PIAs:**<br>http://www.microsoft.com/downloads/details.aspx?FamilyID=3c9a983a-ac14-4125-8ba0-d36d67e0f4ad&DisplayLang=en<br>**2007 PIAs:**<br>http://www.microsoft.com/downloads/details.aspx?familyid=59DAEBAA-BED4-4282-A28C-B864D8BFA513&displaylang=en | |
| Export Wizard/ One Click Export | Excel | Avoid using Excel for exporting if your data has numeric values that require a high precision because Excel's precision is limited to 15 digits. If you export numbers with more precision, the values are rounded. If you export boundary numbers (max, min), rounded numbers will exceed the data type limit. | N/A |
| Import Wizard | DB2 | When importing data using the Add Query feature and selecting a Single new table, TIMESTAMP data types are mapped to DATETIME data types. | N/A |
| Object Explorer | Cloudera Impala | A view is represented as a table in Impala, so views display as tables in Toad. For more information, see https://issues.cloudera.org/browse/IMPALA-1697. | N/A |
| Object Explorer/ Database Explorer | Teradata | You may experience issues if you attempt to view object details and your Teradata .Net Data Provider version does not correspond to the Teradata database version to which you are connecting. Issues include:<br>• Object details for a View containing a DATE data type column do not display.<br>• Object details for a Table containing a NUMBER data type column do not display.<br>**Workaround:** Install the Teradata .Net Data Provider version that corresponds with the Teradata database version to which you are connecting. For example, if connecting to Teradata database version 14, use Teradata .Net Data Provider 14.11. | N/A |
| Object Explorer/ Database Explorer | DB2 iSeries | The primary Key column of an iSeries table displays as Nullable in the Database Explorer even though the Not Null checkbox was not selected when creating the table. | N/A |
| Query Builder | Sybase ASE | **Cross-connection query:** Sybase has difficulty dealing with numeric literals in queries. You may encounter the following error:<br>`Implicit conversion from datatype 'CHAR' to 'INT' is not allowed. Use the CONVERT function to run this query.`<br>when attempting to execute a cross-connection query such as:<br>`Select * from table where numeric_column = 50`<br>**Work-around:** Change the query to something similar to the following using the cast function:<br>`Select * from table where numeric_column = CAST (50 AS SIGNED)` | ST96868 |
| Query Builder | Cassandra and Excel/Access | **Cross-connection query:** A query between Cassandra and either Excel 2010 or Access 2010 might fail to execute and display a lost-connection error.<br>**Workaround:** Upgrade to Excel 2013 or Access 2013 (or later). | N/A |

# Getting Started

## Contents of the Release Package

The Toad release package contains the following products:

1. Toad Data Point 6.4.1
2. Product Documentation, including:
    - Installation Guide
    - Online Help
    - Release Notes
    - User Guide
    - Getting Started Guide

## Installation Instructions

See the *Toad Data Point Installation Guide* for more information.

# Product Licensing

**Toad Data Point with offline license keys**

To activate a trial:

1. Go to the trial download web page, accessed through the product page.
2. Select Download Free Trial.
3. Log in to your account or register.
4. Accept the license terms.
5. Download the trial file.

To activate a purchased commercial licensel:

1. Go to the Licenses option in the top-right corner and select Manage Licenses.
2. In the Licensing dialog, enter your license (Authorization) key.
3. Enter the site message included with the license key.

**Toad Data Point Subscription with online licensing**

Toad Data Point Subscription requires you to sign in with your Quest.com account.

Licenses are tied to your account giving you the flexibility to use Toad from multiple computers without having to move your license.

Sign in with existing Quest.com account:

1. Enter your account email address and password when prompted.
2. If you already have a Toad Data Point Subscription license, no further action is needed.
3. If you do not have a Toad Data Point Subscription license, see Activating a new license below.

Create a new Quest.com account:

1. Select Sign up for a new account.
2. Enter your account details and select Sign Up.
3. A confirmation email is sent containing a verification code.
4. Enter the code from the email and select Verify.

Activating a new license:

1. Toad Data Point Subscription automatically provides a fully functioning, 30-day Trial license.
2. To purchase a new license, click Buy Now from Toad's title bar.

3. After completing your transaction, restart Toad and your license is automatically detected.
4. To manage licenses, select Manage licenses online beneath your account shown at the top-right of Toad.

**NOTE:** You can view your licenses from within Toad by selecting Help | About

# Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

This release has the following known capabilities or limitations: If the user overrides the default installation path during installation, the new path specification cannot contain Unicode characters.

# About Us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit www.quest.com.

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The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

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Toad Data Point 6.4.1
Release Notes
Monday, August 11, 2025