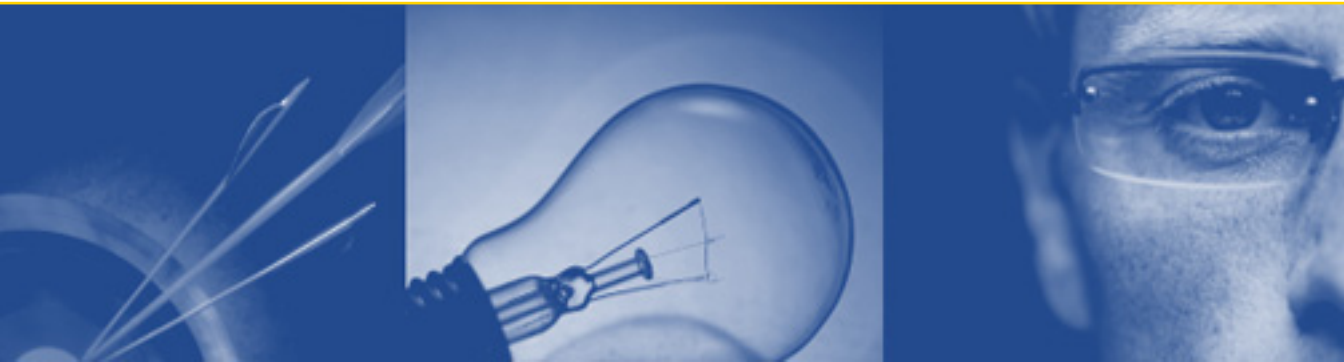




Toad DBA Suite for Oracle

10.0

Installation Guide



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Table of Contents

Introduction	1
Toad Edition	2
Installation Requirements	3
Toad for Oracle Version 10.....	3
Oracle Client/Server Compatibility.....	3
Toad Group Policy Manager.....	5
Editor Version 1.3.0.2.....	5
Service Version 1.2.0.1.....	5
Knowledge Xpert for PL/SQL and Knowledge Xpert for Oracle Admin Version 10.....	5
Toad for Data Analysts Version 2.5.0.....	5
System Requirements.....	5
Quest SQL Optimizer for Oracle Version 7.5.....	10
Benchmark Factory Version 6.....	11
Spotlight on Oracle Version 6.1.....	12
System Requirements.....	12
Toad Data Modeler Version 3.4.....	14
Installing and Licensing Products	15
The Quest Installer.....	15
Silent Install.....	15
Licensing Toad Editions.....	16
Upgrading users.....	16
About Quest Software	17
Contact Quest Software	18
Contacting Quest Support	19

Introduction

By purchasing one of the Toad for Oracle Editions, you have obtained not only a powerful Oracle application development tool, but other tools to help you maintain and develop your Oracle database applications.

This Install Guide is an Executive Overview of the Edition you have purchased. It provides basic information on installing the applications, including System Requirements and the use of the Quest Installer. For more detailed information on each specific application, including troubleshooting information, please see the specific Install Guide for that product.

A description of the contents of all Toad for Oracle Editions can be found at the [Quest website](#).

Toad Edition

Toad for Oracle, Version 10 comes in several editions with different application content. This document contains information for the Toad DBA Suite for Oracle.

For additional information about this release, you can see the [Edition Release notes](#). (This link requires an Internet connection and opens in a new browser window.)

This edition includes the following Quest Software, Inc. applications:

- Toad® for Oracle - Professional
- DB Admin Module Add-on
- Toad® Group Policy Manager
- Quest SQL Optimizer for Oracle
- Knowledge Xpert for PL/SQL
- Knowledge Xpert for Oracle Admin
- Spotlight on Oracle - Standard Edition
- Toad Data Modeler
- Benchmark Factory for Databases - Oracle Edition
- Toad for Data Analysts

In many cases, if functionality is disabled within Toad.exe, it may be that you do not have an appropriate license to utilize it. When Toad is running, you can see what components you have licensed by selecting **About** from the Help Menu.

Installation Requirements

The various products provided with the Toad DBA Suite for Oracle have individual hardware and software requirements, detailed below.

Toad for Oracle Version 10

Oracle Client/Server Compatibility

All versions of the Oracle client are not necessarily compatible with all versions of the Oracle Server. If the version of the Oracle client you are currently using is not compatible with the version of the Oracle server where your database resides, the incompatibilities may cause errors within Toad. For more detailed information about possible compatibility issues, see Oracle's Metalink article 207303.1 "Client / Server / Interoperability Support Between Different Oracle Versions".

Hardware	<ul style="list-style-type: none"> • CD-ROM drive or internet connection (needed for install only) • VGA monitor, 1024x768 resolution, small fonts • Mouse pointing device
Memory	<ul style="list-style-type: none"> • 512 MB RAM required, 1 GB recommended
Hard Disk Space	<ul style="list-style-type: none"> • 75 MB disk space required to run Toad
Operating System	<p>One of the following:</p> <ul style="list-style-type: none"> • Windows 2000 • Windows XP • Windows 2003 • Windows Vista • Windows 2008 <p>Note: 64-bit support for Windows 2003/XP/Vista/2008 with 32-bit Oracle Client</p>
Additional Software	<p>Client(32-bit only)</p> <ul style="list-style-type: none"> • Oracle v8i Client Net 8 • Oracle v9 Client (Net 9) • Oracle v10 Client (Net 10) or Instant Client v10 • Oracle v11 Client (Net 11) or Instant Client v11.1.0.7

	<p>Server</p> <ul style="list-style-type: none">• Oracle versions 8.0.6; 8.1.7; 9i; 9iR2; 10gR1; 10gR2; 11g <p>Note: It is recommended that your client version be of the same release (or higher) as your database version.</p> <p>In addition, to take advantage of Toad's new Unicode support, you must be working with Oracle client/server 9i or above.</p>
<p>Oracle Client/Server Compatibility</p>	<p>All versions of the Oracle client are not necessarily compatible with all versions of the Oracle Server. If the version of the Oracle client you are currently using is not compatible with the version of the Oracle server where your database resides, the incompatibilities may cause errors within Toad. For more detailed information about possible compatibility issues, see Oracle's Metalinkarticle 207303.1 "Client / Server / Interoperability Support Between Different Oracle Versions".</p>

Toad Group Policy Manager

Editor Version 1.3.0.2

Service Version 1.2.0.1

<p>Hardware Requirements</p>	<ul style="list-style-type: none"> • 75 MB disk space required to run Toad • 512 MB RAM required, 1 GB recommended • CD-ROM drive or internet connection (required for installation only) • VGA monitor, 1024x768 resolution, small fonts • 1024 x 768 screen resolution • Mouse pointing device 												
<p>Software Requirements</p>	<p>To make full use of the Toad Group Policy Editor user interface, you will need one of the following Oracle clients. This is not required to use the application.</p> <table border="1" data-bbox="706 1010 1307 1297"> <thead> <tr> <th>SQL*Net Version</th> <th>Associated Oracle Version</th> </tr> </thead> <tbody> <tr> <td>Net 8 (32-bit only)</td> <td>Oracle 8i</td> </tr> <tr> <td>Net 9</td> <td>Oracle 9</td> </tr> <tr> <td>Net 10</td> <td>Oracle 10</td> </tr> <tr> <td>Net 11</td> <td>Oracle 11</td> </tr> <tr> <td>Instant Client</td> <td>Oracle 10</td> </tr> </tbody> </table>	SQL*Net Version	Associated Oracle Version	Net 8 (32-bit only)	Oracle 8i	Net 9	Oracle 9	Net 10	Oracle 10	Net 11	Oracle 11	Instant Client	Oracle 10
SQL*Net Version	Associated Oracle Version												
Net 8 (32-bit only)	Oracle 8i												
Net 9	Oracle 9												
Net 10	Oracle 10												
Net 11	Oracle 11												
Instant Client	Oracle 10												

Knowledge Xpert for PL/SQL and Knowledge Xpert for Oracle Admin Version 10

<p>Hard Disk Space</p>	<p>65 MB</p>
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Toad for Data Analysts Version 2.5.0

System Requirements

Client Requirements

Ensure that the client computer meets the following minimum requirements:

Component	Requirement
Platform	1 GHz minimum
Hard Disk Space	219 MB of disk space is required to run Toad
Memory	512 MB of RAM minimum, 1 GB recommended Note: The memory required may vary based on the following: <ul style="list-style-type: none"> • Applications that are running on your system when using Toad • Size and complexity of the database • Amount of database activity • Number of concurrent users accessing the database
Operating System	Windows Server 2003 Windows XP Professional (32-bit or 64-bit) Windows Vista (32-bit or 64-bit) Windows Server 2008 (32-bit or 64-bit) Important (SQL Server only): Toad uses the Microsoft Distributed Transaction Coordinator (DTC) when opening a SQL file to get Full-Text Search status, but DTC is disabled by default on Windows Vista and Windows Server 2008. If you are using either operating system, ensure that Network DTC access is enabled on the Toad client. See http://technet.microsoft.com/en-us/library/cc753510(WS.10).aspx for more information about enabling DTC access.
Additional Requirements	.NET Framework Microsoft .NET Framework 3.5 (Service Pack 1) Note: The following conditions apply: <ul style="list-style-type: none"> • The .NET Framework Client Profile is not supported. • To run Toad, the .NET security policy must be set to unrestricted. See "User Requirements" (page 5) for more information. Web Browser Microsoft Internet Explorer 8.0 or later Existing DB2 Client Support (DB2 native provider only) Toad installs a DB2 9.5 client as part of the installation

Component	Requirement
	<p>process. The DB2 9.5 client can co-exist with an existing DB2 8 client; however, it is incompatible with a DB2 7 client. If a DB2 7 client is already installed on the system, the Toad installation stops and cannot complete. You must upgrade to the DB2 8 client and restart the Toad installation to avoid losing functionality in some DB2 native tools.</p> <p>Oracle Client</p> <p>Toad can connect to Oracle using Direct Connect (no need for an Oracle Client) or can connect using an Oracle Client or Oracle Instant Client. However, if you want to use LDAP, you must install an Oracle Client. See "Configure Oracle LDAP Support" (page 5) for more information. Toad supports 9i or later Oracle Clients and Oracle Instant Clients. See "Create Oracle Connections" (page 5) for more information about configuring an Oracle Instant Client to work with Toad.</p>

Server Requirements

Ensure that the server meets the following minimum requirements:

Component	Requirement
<p>Operating System</p>	<p>Oracle Native Database Provider</p> <ul style="list-style-type: none"> • IBM AIX 5.1, 5.2, 5.3 • HP-UX 11i 1.5, 2 (32-bit and 64-bit) • Red Hat Enterprise Linux AS release 3 and 4 32-bit and 64-bit) • Solaris 7, 8, 9, 10 (32-bit and 64-bit) • SuSE 7, 8, 9 • Windows 2003 (32-bit and 64-bit) • Windows XP <p>SQL Server Native Database Provider</p> <ul style="list-style-type: none"> • Windows Server 2000 (Service Pack 4 or later) • Windows 2000 Professional Edition (Service Pack 4 or later) • Windows XP 32-bit (Service Pack 2 or later) and 64-bit • Windows Server 2003 32-bit or 64-bit (Service

Component	Requirement
	<p>Pack 1 or later)</p> <ul style="list-style-type: none"> • Windows Vista 32-bit and 64-bit • Windows Server 2008 32-bit or 64-bit • Windows 7 32-bit or 64-bit <p>DB2 for z/OS Native Database Provider</p> <ul style="list-style-type: none"> • z/OS (V1R6 Base Services [5694-A01] or later) <p>DB2 for LUW Native Database Provider</p> <ul style="list-style-type: none"> • IBM AIX 5.1, 5.2, 5.3, 6.1 • HP-UX 11i 1.5, 2 (32- and 64-bit) • Red Hat Enterprise Linux AS release 3 and 4 (32-bit and 64-bit) • Solaris 7, 8, 9, 10 (32-bit and 64-bit) • SuSE 7, 8, 9 • Windows 2000, 2003 (including 64-bit), XP <p>MySQL Native Database Provider</p> <ul style="list-style-type: none"> • Windows 2000 (Service Pack 4 or later) • Windows 2003 • Windows XP 32-bit and 64-bit • Windows Vista 32-bit and 64-bit
<p>Native Database Support</p>	<p>Toad supports the following databases:</p> <ul style="list-style-type: none"> • Oracle 9i, 10g, 11g • SQL Server 2000 (Service Pack 3 or later), 2005 (Service Pack 2 or later), 2008 <p>Note: SQL Server Compact Edition is not supported.</p> <ul style="list-style-type: none"> • IBM DB2 for z/OS 8.1 or later <p>Note: At this time, Toad supports DB2 for z/OS running in Full Function mode, but does not support DB2 running in Compatibility mode.</p> <ul style="list-style-type: none"> • IBM DB2 for LUW 8.1.5 or later, 9.1 or later • MySQL 5.1 • Sybase ASE 12.5, 15.0.2 • Access 2003, 2007 • Excel 2003, 2007

Component	Requirement
<p>ODBC Database Support</p>	<p>Toad for Data Analysts supports almost all databases that you can connect to using an ODBC 3.0 or later driver. For a list of databases that are not supported, see “Known Issues” in the release notes.</p> <p>Toad for Data Analysts Quality Assurance has tested the following databases using an ODBC 3.0 or later driver:</p> <ul style="list-style-type: none"> • DB2 for i5/OS V5R4 and IBM i 6.1 (limited testing) • Informix Dynamic 10.00, 11.0 (limited testing) • Ingres Community Edition 2006 R2 on Windows 32-bit (limited testing) • Netezza Data Warehouse Appliance 4.5 • Teradata V2R6.1 (limited testing)

Citrix Requirements

Limited testing has been performed for Citrix support on Windows Server 2003 Enterprise Server (Service Pack 2) using the MetaFrame Presentation Server 5.0 and Citrix Presentation Server Clients 10.2.

User Requirements to Install Toad

Only Windows Administrators and Power Users can install Toad.

Note: The following exceptions exist for Power Users:

- A Power User cannot install Toad on a computer running Windows Vista Enterprise. This is a Windows limitation because Vista does not support Power User mode.
- (DB2 only) A Power User cannot install Toad if a DB2 for LUW version earlier than 8.1.7 already exists on the computer. Only an Administrator can install Toad under this condition. However, if the computer has an existing DB2 for LUW 8.1.7 or later installation, 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, Vista standard 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.

Quest SQL Optimizer for Oracle Version 7.5

Before installing Quest SQL Optimizer for Oracle, ensure your system meets the following minimum hardware and software requirements:

Platform	Intel x86. (233 MHz or higher)
Memory	512 MB of RAM minimum; 768 MB of RAM recommended Note: The memory required may vary based on the following: <ul style="list-style-type: none"> • Applications that are running on your local computer
Hard Disk Space	90 MB of disk space for installation
Operating System	Microsoft Windows 2000 Microsoft Windows 2003 (32-bit and 64-bit) Microsoft Windows XP (32-bit and 64-bit) Microsoft Windows Vista (32-bit and 64-bit) Microsoft Windows 2008 (32-bit and 64-bit) Note: In Windows Vista, you must use a logon with the Admin privilege or if you are logged on as a normal user, you must have the Universal Access Control (UAC) turned OFF.
Additional Software	For Windows 2000, 2003, or XP Professional, Microsoft's .NET Framework 2.0 SP1 or SP2, or 3.5 is required. Note: You must have either SP1 or SP2 for .NET Framework 2.0 installed. If you have only .NET Framework 3.0 installed, you must still install .NET Framework 2.0 and the service pack or you must install .NET Framework 3.5 (which includes .NET 2.0 SP1) For Windows Vista, Microsoft's .NET Framework 3.0 is required.
Browser	Microsoft Internet Explorer 6.0 or later
PDF Viewer	Adobe Acrobat Reader 7.0 or later (for viewing the Installation Guide)

Database Client	Oracle SQL*Net Net8 (32-bit only) Net9 Net10 Net11 Instant Client
Database Server	Oracle 8.1.7, 9i, 10g, 11g

Benchmark Factory Version 6

Before installing Benchmark Factory for Databases, ensure your system meets the following minimum hardware and software requirements:

Repository	Benchmark Factory cannot run without a repository, and by default a MySQL repository is installed during the install process. After installation, you can remove the MySQL service and delete the MySQL repository, then select a repository of your choice. Benchmark Factory supports the following databases: <ul style="list-style-type: none"> • Oracle • SQL Server • MySQL • Sybase Adaptive Server Anywhere (iAnywhere)
Platform	1.0 GHz x86 or x64 compatible CPU
Memory	512 MB of RAM recommended Note: The memory required may vary based on the following: <ul style="list-style-type: none"> • Applications that are running on your system. • Size and complexity of the database. • Amount of database activity. • Number of concurrent users accessing the database.
Hard Disk Space	120 MB of disk space for installation Note: The disk space required may vary based on options selected for installation.

Operating System	Windows 2000, 2003, 2008, XP Professional, and Vista
Database Client/Server Versions	<p>Oracle: 8, 8i, 9i, 9.2, 10g, and 11g (Note: Requires Oracle 8.1.7 client libraries or higher.)</p> <p>SQL Server: 7, 2000, 2005, and 2008</p> <p>Sybase: 12.5 and 15</p> <p>DB2 LUW: 8.1.5 through 9</p> <p>MySQL: 4.5 and 5.x</p> <p>All client libraries require the 32-bit versions.</p>

Spotlight on Oracle Version 6.1

System Requirements

Before installing Spotlight on Oracle, ensure your system meets the following minimum hardware and software requirements:

Platform	<p>A Pentium-based or equivalent PC with:</p> <ul style="list-style-type: none"> • A 1.2 GHz Processor (recommended minimum). The required processing power will increase when Spotlight diagnoses Oracle RAC clusters with many instances. • A monitor capable of supporting a resolution of 1280x1024 or larger. (You should also set the display to use the 64K color palette [65536 colors].) • A CD-ROM drive or Internet connection. Spotlight can be downloaded from the Internet or installed from compact disc. The CD-ROM drive should be attached to the PC on which Spotlight is to be installed. A drive mapped to a network device could be used if a local CD-ROM is not available. • A printer (optional). Spotlight reports can be printed on a laser or bubble jet printer. You can print graphs in color if your printer provides this capability. • A sound card and speakers (optional). Spotlight can use sound to alert you when a threshold is reached. You must have a sound card and speakers installed on your PC for this feature to work.
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<p>Memory</p>	<p>512 megabytes of RAM (minimum). 512 megabytes is a minimum RAM requirement (assuming no other applications are running), but 1 gigabyte of RAM is recommended. Memory consumption will increase as the number of instances in an Oracle RAC cluster increases, and will also depend on the connection options chosen.</p>
<p>Hard Disk Space</p>	<p>150 megabytes of free disk space. This should exist on a local disk drive rather than a network drive. Extra disk space will be required if you choose to log historical snapshots from within Spotlight.</p>
<p>Client Operating System</p>	<p>Windows 2000, Windows 2003 Server, Windows XP Professional, or Windows Vista Business. The following specific requirements exist:</p> <ul style="list-style-type: none"> • Windows 2000: Service Pack 4 (or later) must be installed. • Windows XP: Service Pack 1 (or later) must be installed.
<p>Additional Software</p>	<ul style="list-style-type: none"> • SQL*Net 2.3.4 or later. SQL*Net enables a connection to be established to a database. The database may be local or remote. Before you start Spotlight you must have the SQL*Net connection string for the database. • Oracle Client. (Oracle 9.2, Oracle 10g [full client or instant client], or Oracle 11g). Spotlight also requires that the version of the Oracle client be the same or later than the version of any Oracle database being diagnosed. For example, to connect to an Oracle 10g cluster, you must use an Oracle 10g client or later.
<p>Database Server</p>	<p>The following Oracle database servers are supported for database queries. (You must have the Database Administrator [DBA] user ID and password for the database you want to diagnose.)</p> <ul style="list-style-type: none"> • Oracle 9.2.0.4 or later • Oracle 10g (Release 1 or Release 2) • Oracle 11g (Release 1)
<p>OS Server</p>	<p>The following server operating systems are supported for OS Server queries:</p> <ul style="list-style-type: none"> • Sun Solaris 8, 9, 10 • HP-UX 11i, 11i v2, 11i v3

	<ul style="list-style-type: none"> • IBM AIX 5.2, 5.3, 6.1 • Red Hat and SUSE operating systems running Linux 2.4 and 2.6 kernels • Compaq 4.0f, 5.x • Windows 2000 SP4, Windows XP SP1, Windows 2003 Server, or Windows 2008 Server. • Itanium server (HP-UX and Windows) <p>Notes:</p> <ul style="list-style-type: none"> • Oracle connections ARE supported for Itanium operating systems, but OS commands are NOT. • Spotlight on Oracle RAC does NOT support OS server queries for Compaq 4.0f, 5.x servers or Itanium servers.
<p>Oracle RAC Servers</p>	<p>Spotlight on Oracle RAC supports up to 16 instances in a cluster, with a theoretical limit of 36 instances.</p>

Toad Data Modeler Version 3.4

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

Platform	Pentium IV
Memory	Minimum 256 MB
Hard Disk Space	100 MB
Operating System	Windows 2000/XP/Vista

Installing and Licensing Products

The Quest Installer

Using the Quest Installer, you can install any or all of the applications that come with your Toad Edition. For example, SQL Optimizer (SQL Tuning), Knowledge Xpert, or Toad Data Modeler (other choices may be available). Make these selections during the install process.

Note: For detailed information about the current version of the Quest Installer, see the [Quest Installer Release Notes](#).

To install a Toad Edition

1. Run the Toad.exe installation program from the CD or downloaded file.
2. Complete the wizard, referring to the following information:

Destination directory	The default directory is C:\Program Files\Quest Software. Note: This directory sets the base directory for the installation of all Quest applications.
Individual Products	Expand a product in the product list by clicking on its name. You can then select additional installation features such as install type, installation directory, and so on. Note: For additional details on installing and upgrading Toad Group Policy Manager, please see the Toad for Oracle Install Guide. For additional information about other products, please see the appropriate product Install Guide.

Silent Install

Silent installation provides a convenient method for deploying Toad applications to multiple machines.

With some customization, you can also deploy the license key and settings at the same time.

For information about silently installing the Toad bundles, see the [Editions Silent Install Guide](#). This file is maintained on the Internet so that you can have access to the most up to date customization information. Silent installation information for most products is also contained in their individual Install Guides.

Licensing Toad Editions

Beginning with Toad 10, all applications within a Toad Edition share a licensing key. For best results, when you have completed installation of your products, run Toad for Oracle first and enter the license key when prompted. This will ensure that all installed applications reflect the appropriate license key.

Upgrading users

If you have previously licensed versions of Toad for Oracle or the other products in this edition, your old license keys will continue to work.

However, if you are upgrading to a different edition and have been issued a new key, use the following procedure:

1. Launch **Toad for Oracle**.
2. Select **Help | Licensing** and enter your new license key.

Any new features will be switched on automatically, and additional Toad Edition Components will be licensed from the same key.

About Quest Software

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure and virtual environments. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 100,000 customers worldwide meet higher expectations for enterprise IT. Quest Software helps organizations deliver, manage and control complex database environments through award-winning products for Oracle, SQL Server, IBM DB2, Sybase and MySQL. Quest Software can be found in offices around the globe and at www.quest.com.

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Refer to our Web site for regional and international office information.

Contacting Quest Support

Quest Support is available to customers who have a trial version of a Quest product or who have purchased a commercial version and have a valid maintenance contract. Quest Support provides around the clock coverage with SupportLink, our web self-service. Visit SupportLink at <http://support.quest.com>

From SupportLink, you can do the following:

- Quickly find thousands of solutions (Knowledgebase articles/documents).
- Download patches and upgrades.
- Seek help from a Support engineer.
- Log and update your case, and check its status.

View the Global Support Guide for a detailed explanation of support programs, online services, contact information, and policy and procedures. The guide is available at: [http://support.quest.com/pdfs/Global Support Guide.pdf](http://support.quest.com/pdfs/Global%20Support%20Guide.pdf)

Note: This document is only available in English.