

Quest® Stat® 6.0.0

Release Notes

April 2017

These release notes provide information about the Quest® Stat® release.

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About Stat 6.0

Quest® Stat® is a change lifecycle solution optimized for PeopleSoft® Enterprise & Oracle® E-Business Suite applications. Stat makes organizations more responsive to change and increases visibility into, and control over, the change management process. Stat dramatically reduces the time required to deploy patches and critical changes throughout the various instances of a packaged application, resulting in lower total cost of ownership.

New features

New features in Stat® 6.0.0:

- Enhanced Web Client with updated design.
- Added support for SSH2.
- Implemented new Business Rules for Approval Update and Approval Satisfied events.
- Added the new Oracle® Applications Patch Apply report that lists Oracle Applications patches applied through Stat.
- Added two new reports for Mass Migration.

See also:

- [Enhancements](#)
- [Resolved issues](#)

Enhancements

The following is a list of enhancements implemented in Stat® 6.0.0.

Table 1. General enhancements

Enhancement	Issue ID
Enhanced pre-5.7 Migration History reports.	1403
Added a global parameter to set max number of rows for reports.	1404
Updated SQL Server JDBC driver to support SSL connections.	1536
Removed Project Name from non-PeopleSoft Migration History reports.	1563
Removed Other tab from CSR Window.	1569
Added additional fields to Patch Impact Report.	1601
Added additional criteria for Oracle Patch reports.	1603
Prevent removal of objects from Interim Archive Sets when removed from CSR.	1617
Added support for Permission List migration flag introduced in PeopleSoft® 8.55.	1621
Removed CSR Issues from Stat.	1624
Removed Billed Hours , Billed Rate , and Auto Update fields from CSR Tasks.	1636
Removed PeopleSoft Edit Object option from the popup menu.	1639
Added FILE_CONTENT_TYPE to the list of parameters for OA XML Publisher object type.	1659
Updated Oracle JDBC driver resolve blob processing issues.	1666
Added a link from CSR Information popup to export CSR Full report.	1674
Use non-proportional font for viewing objects in Archive Sets.	1881

Resolved issues

The following is a list of issues addressed in this release.

Table 2. General resolved issues

Resolved Issue	Issue ID
Prevented Warning message when opening Job Report.	1405
Resolved Apache Struts CVE-2017-5638 vulnerability.	1414
Fixed OA migration error when OAF objects were migrated to both editions.	1428
Fixed Rapid Recovery Wizard to show all potential target environments for migration.	1434
Prompt user to select objects when executing TARGET_OBJECT_NAME Post Migration parameter.	1436
Removed logging of PeopleSoft® user password during migration.	1542
Fixed archiving of IntegrationBroker Document and XML Document objects.	1554
Listed all migrated object types in Post migration step Custom Command.	1583
Fixed the CSR Closed Date criteria in the Report Wizard.	1594
Fixed documentation of migrated objects when duplicate names are used.	1596

Table 2. General resolved issues

Resolved Issue	Issue ID
Fixed migration of PeopleSoft XMLP File Definition objects.	1598
Prevented changing of CSR Type when objects are associated with a CSR.	1607
Retained PeopleSoft Upgrade option flags when Project is migrated.	1610
Prevented Archived Set Objects modification after they are migrated.	1615
Prevented downloaded CSR Attachments to be immediately opened by Web Browser due to security vulnerability.	1633
Modified the Use IP Address when looking up SCA global parameter to lookup Central Agent using IP address.	1638
Hid inactive environments from Mass Migration window.	1641
Restricted environment access in Rapid Recovery, Release Recovery, and Mass Migration Windows.	1642
Filtered list objects in Pre and Post migration steps.	1644
Fixed labels for Migration History with Objects-State Based report.	1648
Fixed CSR Template Maintenance window to prevent Stat from possible crash.	1654
Fixed Job deletion for Stat database on SQL Server.	1663
Prevent Missing Expression error when opening existing CSR Task.	1667
Fixed Logoff and Wait job for JBoss Wildfly Central Agent.	1671
Improved response time for viewing CSR Workflow Transfer Approvals and performing a status transfer.	1874
Fixed the issue with locking objects in a CSR when Inactive server records are present for the environment.	1957
A CSR Search in the Web Client returns only those CSRs that belong to Service Domains to which the user has access.	1958
Fixed View Status button from inside CSR to open the status window.	1975

System requirements

Before installing Stat[®] 6.0.0, ensure that your system meets the following minimum hardware and software requirements.

- [Stat Environment](#)
- [PeopleSoft Environment](#)
- [Oracle E-Business Suite Environment](#)
- [FTP, SSH Servers](#)
- [Upgrade and compatibility](#)

Stat Environment

Table 3. Supported Databases

Requirement	Details
DBMS	<p>Oracle® 11g and 12c (Unicode and non-Unicode support for all Oracle DBMS). Oracle client must be 32-bit.</p> <p>NOTE: PeopleSoft® 8.54 and higher requires Oracle 32 and 64 bit client.</p> <p>NOTE: Oracle E-Business is only supported on an Oracle Stat® database.</p> <p>Microsoft® SQL Server® 2008, 2012, 2014, 2016 (Unicode and non-Unicode: ISO Character Set with Unicode collation. Database defined with BINARY collation)</p> <p>NOTE: If you are running Stat on Microsoft SQL Server and PeopleSoft is configured for Unicode operation, the Stat database must be as well.</p>
Minimum disk space	<p>Development database: 4 GB available disk</p> <p>Production database: 20 GB available disk (size can grow dramatically)</p>

Table 4. Stat Client

Requirement	Details
Operating System	<p>Windows Vista®, Windows® 7, Windows 8 (32-bit or 64-bit), and Windows 10</p> <p>NOTE: The Stat client is a 32-bit application. It can run on a 64-bit workstation or Windows server. In some cases the compatibility mode may need to be set to Windows XP.</p>
Database Connectivity	<p>Database connectivity must be 32-bit, even on a 64-bit device.</p> <p>Oracle 11 and 12 (client must be compatible with RDBMS version and must be 32-bit)</p> <p>SQL Server 2008, 2012, 2014, and 2016 client</p>
Web Browser	<p>Microsoft Internet Explorer 11</p> <p>Microsoft Edge™</p> <p>Mozilla Firefox 47 and higher</p> <p>Google Chrome™ 56 and higher (see known issue 0236176)</p>
Minimum Requirements	<p>CPU: 1.6 GHz or greater</p> <p>RAM: 1 Gb RAM</p> <p>Disk: 500 MB for local install (recommended) or less than 1 MB with network install with 500 MB on the network</p>

Table 5. Stat Central Agent

Requirement	Details
Operating System and JDK/SDK	<p>Standalone configuration (recommended)/Weblogic:</p> <p>NOTE: Standalone configuration not recommended on same computer as the SQL Server® Stat Database.</p> <ul style="list-style-type: none"> Windows Server® 2008, Windows Server 2012, Windows® 7, Windows 8, Windows 10 <p>NOTE: The Stat Central Agent can run on Windows 64-bit computers.</p> <ul style="list-style-type: none"> Red Hat® Enterprise Linux® releases 5, 6, and 7 Oracle® Solaris 10 and 11 HP-UX 11.11 and 11.23 or 64-bit <p>NOTE: HP-UX 11.11, 11.23 requires HP JDK/SDK (32-bit).</p> <ul style="list-style-type: none"> IBM® AIX® v5.2, 5.3, 6.1, or 7.1 (all English-based) <p>NOTE: 64-bit AIX v5.2, 5.3, 6.1 and 7.1 requires IBM JDK/SDK.</p> <ul style="list-style-type: none"> JDK/SDK versions (32 or 64-bit) 7 or 8 Oracle Fusion Middleware 11g and 12c configuration
Minimum Requirements	<p>CPU: 2.5 GHz (dual core processor) Intel® Core™ i3 (or equivalent)</p> <p>RAM: 2 GB</p> <p>Disk: 500 MB</p>
Email	Supported protocols: Outbound email-SMTP, Secure SMTP; Inbound email-IMAP4, Secure IMAP4, POP3 and Secure POP3

PeopleSoft Environment

Table 6. Component requirements

Requirement	Details
PeopleTools Applications	Supports all applications that are certified by PeopleSoft® to run on the following PeopleTools versions: v8.4-v8.55.
PeopleSoft Applications	Supports all PeopleSoft applications built on PeopleTools.
PeopleSoft Databases	<p>Supports the following database platforms in conjunction with PeopleTools supported platforms:</p> <ul style="list-style-type: none"> Oracle® (10g, 11g, and 12c) SQL Server® (2008, 2012, 2014, and 2016) IBM® DB2® UDB (7.1, 8.1, 9.1, 9.5, 9.7 on IBM® AIX®, OS/390, z/OS; 10 on z/OS)

Oracle E-Business Suite Environment

Table 7. Component requirements

Requirement	Details
Releases	<p>Stat[®] supports all products, including custom products, in the Oracle[®] E-Business Suite Release 11i (11.5.10 and higher), 12, 12.1.1, 12.1.2, 12.1.3 (current release is 12.1.3), and 12.2 (current release is 12.2.6).</p> <p>Some Stat features will depend on the AD product release.</p>
Technology Stack	<p>All components of the technology stack for the Oracle E-Business Suite should be in compliance with Oracle certification requirements</p>
Stat Oracle Agent - Hardware Platforms	<p>All versions of SOLARIS, HP-UX, IBM[®] AIX[®], Red Hat[®] Enterprise Linux[®], and Windows[®] software are certified with Oracle E-Business Suite.</p> <p>Stat will be certified with most UNIX[®] and Intel[®] based platforms supported by Oracle. Contact Quest[®] Support for updated platform certification.</p> <p>JDK/SDK Versions (32-bit): 7 and 8</p> <ul style="list-style-type: none">• Windows, Solaris, and RedHat Linux require Oracle JDK/SDK (32-bit)• HP-UX 11.11, 11.23, 11.31 requires HP JDK/SDK (32-bit)• 64-bit AIX v5.2, 5.3, 6.1, and 7.1 requires JDK/SDK (32-bit)
Developer Object Compare	<p>Oracle developer object comparison is an optional feature with its own requirements. To enable object compare support for Oracle developer objects, a compatible version of Oracle Developer and the Forms Applet Jar Files component of the Oracle Forms product must be installed. Additional requirements are needed for the following:</p> <ul style="list-style-type: none">• To enable object compare support for Oracle developer objects in patches, the Oracle JVM and the file stat_db.jar must be installed.• To enable object compare support for form library files that have attached libraries, the FORMS60_PATH environment variable must be set to reference a staging directory (FORMS_PATH for FORMS 10).

FTP, SSH Servers

Table 8. Component requirements

Requirement	Details
Requirements	<p>Must be Windows[®] NT, UNIX[®], MVS or NetWare[®] compatible; SSH2 must use standard format listing; OpenSSH (UNIX and Windows), SSH Communications Corp. (UNIX and Windows), bitwise WinSSHD, and wodSSHServer are supported.</p> <p>NOTE: VanDyke Software™ VShell™ 2.1 is not supported.</p> <p>The configuration of your SSH server determines which ciphers are used when connecting to the Stat Central Agent. The Stat Central Agent currently supports the following cipher and MAC configurations:</p> <p>Ciphers:</p> <ul style="list-style-type: none">• Blowfish• Triple DES• AES128CTR, AES128CBC• AES192CTR, AES192CBC• AES256CTR, AES256CBC <p>Message Authentication Code (MAC):</p> <ul style="list-style-type: none">• HMAC-MD5• HMAC-SHA1• HMAC-MD5-96• HMAC-SHA1-96

Upgrade and compatibility

The Stat[®] 6.0 upgrade is compatible with any 5.8.x version of Stat. See the Upgrade Notes included with this release. It is not necessary to uninstall previous versions of Stat to install 6.0.

Product licensing

Commercial and trial Stat[®] 6.0 licenses are obtained from Support Link at <https://support.quest.com/licensing-assistance>. The procedure for activating licenses is the same for both commercial and trial licenses.

To activate a Stat license

- 1 Open Stat and go to **Maintenance | General | System Maintenance**.
- 2 Click on the **License** Tab.
- 3 Paste the License Key and Site Message into the appropriate fields.
- 4 Click **Verify**.
- 5 The properties of the license will be displayed if the key/message are valid.

Upgrade and installation instructions

For information on upgrading Stat[®] 5.7.x to version 6.0, see the Upgrade Notes document included with this release.

Additional resources

Additional information is available from the following:

- Online product documentation (<http://documents.quest.com/stat/>), which features latest versions of the Stat[®] System Administration Guide and the Stat User Guide
- Stat Community (<https://www.quest.com/community/products/stat/>)

Globalization

The Stat[®] Central Agent must be run in a U.S. English configuration. The Stat Client may be run in any single-byte Western European locale or language configuration supported by Windows. Support for other non-ASCII character encodings and/or non-English configurations may work appropriately, but these configurations have not been tested and this product should be used with caution in these environments. Components may be run in any time zone. For specific support information, contact Quest Support.

The Stat Central Agent has the following known capabilities or limitations:

The Stat Central Agent must run on an operating system configured to run in “C”, POSIX, or U.S. English locale. Non-English configurations are known to return data formats (numbers, dates, etc.) which the server does not properly process.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest’s invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation™.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece—you—to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, visit <https://www.quest.com/company/contact-us.aspx> or call +1-949-754-8000.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

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.

Third-party contributions

This product contains the following third-party components. For third-party license information, go to <https://www.quest.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <https://opensource.quest.com>.

Table 9. List of third-party contributions

Component	License or acknowledgment
Apache Batik 1.7	Apache License
Apache Commons Beanutil 1.8.0	Version 2.0, January 2004
Apache Commons Collections 3.2	http://www.apache.org/licenses/
Apache Commons Digester 2.0	TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
Apache Commons Fileupload 1.3.1	
Apache Commons IO 2.2	1. Definitions.
Apache Commons Logging 1.1.3	"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
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Table 9. List of third-party contributions

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Continued: Apache Batik 1.7 Apache Commons Beanutil 1.8.0 Apache Commons Collections 3.2 Apache Commons Digester 2.0 Apache Commons Fileupload 1.3.1 Apache Commons IO 2.2 Apache Commons Logging 1.1.3 Struts Framework 2.3.28	<p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p>

Table 9. List of third-party contributions

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Apache Commons Collections 3.2	
Apache Commons Digester 2.0	
Apache Commons Fileupload 1.3.1	
Apache Commons IO 2.2	
Apache Commons Logging 1.1.3	END OF TERMS AND CONDITIONS
Struts Framework 2.3.28	
Apache Commons Messenger 1.0	This product includes software developed by the Apache Software Foundation (http://www.apache.org).
Apache Commons Net 1.1.0	
Apache Commons Validator 1.3.1	The Apache Software License, Version 1.1
Jakarta ORO 2.0.1	Copyright (c) 2000 The Apache Software Foundation. All rights reserved.
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Eclipse JDT Core Component 3.11.0	Eclipse Public License 1.0
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Component	License or acknowledgment (Continued)
TFS-SDK 2012	MICROSOFT Public License 2012
WildFly 8.2.1*	<p>LGPL (GNU Lesser General Public License) 2.1</p> <p>Source code can be found at: http://wildfly.org/downloads/</p>
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