Quest® Stat® 6.3.0
Release Notes

April 2020

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

About Stat 6.3

Quest® Stat® is a change lifecycle solution optimized for PeopleSoft® Enterprise and 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® 6.3.0:

- Support PeopleTools 8.58
- Ability to add files to a CSR from VCM branch
- Automatically generate Migration Path for CSR
- Added the ability to associate default VCM with Workflow
- Added Pre filter option for AOL objects
- Ability to search the Support Portal Knowledge Base

- Removed Java dependency on Windows Client
- Removed Oracle Developer dependency for Oracle E-Business Object Comparison

See also:

- Enhancements
- Resolved issues

Enhancements

The following is a list of enhancements implemented in Stat® 6.3.0.

Table 1. General enhancements

Enhancement	Issue ID
Added source information for Migration History reports	1630
Added an optional Pre-Filter for retrieving OA Setup Objects	1660
Added a new Object Type for retrieval of XML Publisher Files from Environment/Working/VCM	2819
Added the ability to Download an object from Environment on CSR Objects section	3358
Allow adding and deleting objects in Archive Set after migration	3487
Added Knowledge Base Search tool	4096
Improved readability for 'Business Rules with Detail' report	4169
Improved the retrieval and caching of objects from GIT repository	4199
Display warning message before running post migration step to build PeopleSoft Records	4276
Check for Oracle Agent status before sending Object Activity request messages	4320
Added an option to load File Compare utility from Stat Central Agent	4426
Added a rule to pre-select a value in Queue drop-down on CSR Workflow Transfer	4451
Removed Default Developer drop-down from CSR Migration Path	4463
Provided override option for OA Custom Workflow Files	4466
Added the ability to associate VCM with Workflow	4474
Added new Web Service to update CSR Task percent complete	4486
Added option to apply custom sort order for CSR Tasks	4503
Added CSR parameters for Custom Command in Migration Notification Business Rule	4566
Allow Custom Command for Pre and Post migration steps to run on Windows Client	4619
Removed the unused Client Keystore location from LDAP Maintenance	4620
Allow each user to change the number of days available for the Migration Console	4636
Added parameter "Column Name" for Stat Audit report	4637
Added a new parameter for current running Edition of the command execution	4651
Added a separate column for OA Weblogic Test Connect	4666
Increased the size of fields for Server Name and Host Name in Connection Maintenance	4688
Added option to send approval emails when approvals are generated	4707
Increased the size of fields for Server Host and Server Name in OA Server Maintenance	4723
Display more descriptive information on who obtained CSR Lock	4761
Added ability to migrate PeopleSoft Objects when target environment has different from Staging environment Connect ID username/password	4814
Enhanced Workflow Status Rule to disable adding objects to a CSR	4833
Fixed the issue with product list not present when switching from Custom to Predefined Object Type	4834

Table 1. General enhancements

Enhancement	Issue ID
Resized drop-down fields on the Details Section when resizing the Window.	4850
Resized drop-down fields on the tab-page when resizing the window.	4851
Restored User Interface for CSR Logs section	4924
Added a new object type for 'LDT File Object'	4925
Updated Excel reports with xlsx file format	4989
Support OpenJDK 12 for Stat Central Agent	5103
Added ability to export Project CSR list in different file formats	5111
Redesigned PeopleSoft Object Archiving to improve performance in archiving and migration	5140
Added optional parameter owner_app_shortname when archiving 'XDF Editioning Views'	5160
Capture and process the return code for Migration Step local custom commands	5170
Support for third party applications	5231
PeopleSoft Extended Object support	5236
Added parameter to specify user-defined URL for Web Client	5237
Added Date/Time parameters to Pre/Post Migration Step Custom Commands	5245
Test Connect against STAT schema in INI Editor	5246
Support LDAP connections based on userPrincipalName and email address	5247

Resolved issues

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

Table 2. General resolved issues

Resolved Issue	Issue ID
The Object Type sub report in Table Last Update Report is not filtered by the selected date range	4219
Fixed ability to reuse PS Project option when migration contains Application Package PeopleCode	4256
Fixed Application crash when objects got removed and added to a CSR	4291
AOL Concurrent Programs does not expand when select in Object Compare.	4324
CSR Assigned User does not change on Workflow Status update	4326
Removed 'PS Employee' button on none PS-licensed instance of Stat	4384
Fixed synchronizing of Copy/Upgrade flags for Service Operation Routing objects	4385
Fixed horizontal scrolling on CSR Workflow Tab	4397
Fixed timestamp when perform CSR Workflow Status transfer	4419
Fixed Logoff and Wait job	4421
Fixed issue when CSR Workflow graphs could shift to the right with every transfer	4436
Fixed scrollbar when viewing CSR Log	4493
Fixed displaying of CSR Attachment submitter	4497
Fixed Approval Email Button state in Transfer Rule status Window	4504
Fixed setting the values for CSR Assigned User drop down for new CSRs	4517
Fixed ability to view the user who currently owns CSR Lock	4524
Fixed syncing of CSR Statuses when changing "Default" CSR Type	4527
Fixed issue when CSR failed to become read-only on changing the Workflow status	4547
Fixed SSH command execution for Migration Steps on Windows OS	4553

Table 2. General resolved issues

Resolved Issue	Issue ID
Fixed the issue with authenticating LDAP users when special characters were present in the password	4575
Fixed the issue with determining the correct exit code for Pre/Post Migration Step execution	4589
Fixed issue when Approvers generated by Web Client neglected the restrictions for CSR Application	4595
Fixed updating CSR objects "Update Date" field when running PeopleSoft Project Sync	4608
Fixed functionality of Refresh button for new Environment Refresh event	4613
Fixed prompt message when removing object from CSR	4628
Fixed the issue with the sort order of VCM Labels on the Archive Set Maintenance	4675
Fixed User Right for accessing Release Recovery	4678
Fixed ability to edit CSR Statuses when Service Domain code is less than 3 characters	4695
Fixed ability to create CSR Task when user does not have "Edit other users Tasks" right	4701
Fixed viewing list of objects in Migration Complete History Report when report runs against Generic or Oracle App module	4738
Fixed opening CSR Attachment with the same name	4741
Fixed appending CSR Type Template to CSR Description/Resolution	4751
Fixed issue when user who can't edit CSR could remove someone else CSR lock	4776
Fixed displaying of Customer phone number in CSR Window	4785
Fixed Workflow "Allow Object Add/Lock" restriction	4792
Fixed sorting of CSR Attachment list	4798
Removed limitation of 256 characters for CSR Log on Web Client	4808
Fixed Workflow restriction when creating CSR Archive Set	4874
Fixed processing REST requests when Stat user password contains colon symbol	4933
Fixed PeopleSoft migrations with nine or more distributed environments	4943
Fixed populating dropdown list with DMS files	4949
Fixed potential unique constraint error when processing mass migrations	4965
Fixed Pre and Post Migration Step Past Due Business Rules	5000
Added horizontal scrollbar to Pre and Post Migration Step Custom Command editor	5026
Support major encodings when viewing archived files	5029
Support special characters for Pre and Post Migration Step Custom Commands	5032
Fixed archiving and migration of XDF Editioning View objects	5064
Removed password from log when migrating XDF Editioning View objects	5070
Improved the performance for retrieving maintenance data	5095
Fixed the issue with UpdateCSR Web Service call setting workflow to null	5098
Fixed migration of PeopleSoft non-App Designer objects when action is set to Delete	5113
Fixed loading Maintenance PeopleSoft Projects into CSR with Project Read Project Wizard	5127
List inactive Releases for Release Recovery migrations only	5130
Fixed setting CSR Queue on Workflow Auto transfer	5134
Fixed comparing Schema objects between environment and Archive Set	5143
Fixed Archiving PeopleSoft Definition Security objects	5146
Fixed issue when TARGET_ parameters incorrectly interpreted for Distributed migration environments	5181
Prevented user to continue making changes to a CSR after changing WF status when it is not allowed	5185

Table 2. General resolved issues

Resolved Issue	Issue ID
Fixed adding objects to CSR using Project Read Project Wizard when project contains over 32000 objects	5197
Hide adop passwords when executing long running commands	5203
Fixed uploading custom report	5208
Upgraded groovy-all library to version 2.4.17	5213
Unified message on attempt to login with incorrect User ID or password	5217
Upgraded apache commons collection library to version 3.2.2	5218
Upgraded jasperreport library to version 6.11.0	5222
Upgraded jackson databind library to version 2.10	5229
Fixed Approval and Export popup windows on Web Client when using IE	5232
Fixed the issue when CSR Queue dropdown incorrectly selected the value on CSR Status Transfer	5235
Fixed migration log type to "Error" when migration completed with error	5241
Excluded Archive Sets with "delete" status from the list of CSR Archive Sets	5244
Fixed the content of Reset Password Email	5249
Fixed basic authorization for JSON calls after user changes his password	5257
Included OtherDbParm parameter for Windows Client connections	5258

System requirements

Before installing Stat® 6.3.0, ensure that your system meets the following minimum hardware and software requirements.

- Stat Environment
- PeopleSoft Environment
- Oracle E-Business Suite Environment
- Upgrade and compatibility

Stat Environment

Table 3. Stat Repository

Requirement	Details
DBMS	Oracle® 11g R2, 12c R1, 12c R2, 18c, and 19c (Unicode and non-Unicode support for all Oracle DBMS) **NOTE:** Oracle E-Business is only supported on an Oracle Stat® database. Microsoft® SQL Server® 2012, 2014, 2016, 2017, and 2019 (Unicode and non-Unicode: ISO Character Set with Unicode collation. Database defined with BINARY collation) **NOTE:** If you are running Stat on Microsoft SQL Server and PeopleSoft is configured for Unicode operation, the Stat database must be as well.

Table 4. Stat Windows Client

Requirement	Details
Operating System	Windows 8, and Windows 10
	Windows Server® 2012, 2012 R2, 2016, and 2019
	NOTE: Be aware of the following:
	• When Stat is running on a Microsoft Server operating system, opening a CSR may cause an Internet Explorer security prompt to appear. To prevent this, add about:security_stat.exe to the Trusted sites zone.
	• Stat Windows Client runs only on 64-bit Windows OS
Database Connectivity	Stat Client requires an applicable 64-bit database client/driver
	Oracle Instant Client
	• The client version must be compatible with the RDBMS version.
	Microsoft SQL Server Native Client 11.x
Web Browser	Microsoft Internet Explorer 11 or later

Table 5. Stat Web Client

Requirement	Details
Web Browser	Microsoft Internet Explorer 11 (or later), Microsoft Edge™, Mozilla Firefox, or Google Chrome™

Table 6. Stat Central Agent

Requirement	Details
Operating System	Windows 8, and Windows 10
	Windows Server® 2012, 2012 R2, 2016, and 2019
	Red Hat® Enterprise Linux® releases 6 and 7
	Oracle® Solaris Intel 10 and 11
	IBM® AIX® 7.1, 7.2 (English-based)
	NOTE: Running the Stat Central Agent on the same computer as the SQL Server® Stat Database is not recommended.
Application Server	The Stat Central Agent uses the Wildfly application server.
Java SE Development Kit	Oracle JDK 8 or OpenJDK 12

PeopleSoft Environment

Table 7. Component requirements

Requirement	Details
PeopleTools Applications	Supports all applications that are certified by PeopleSoft® to run on the following PeopleTools versions: 8.54, 8.55, 8.56, 8.57 and 8.58.
PeopleSoft Databases	Supports the following database platforms in conjunction with PeopleTools supported platforms: • Oracle® • SQL Server® • IBM® DB2® on AIX and z/OS

Oracle E-Business Suite Environment

Table 8. Component requirements

Requirement	Details
Releases	Stat® supports all products, including custom products, in the Oracle® E-Business Suite Release 12.1.x and 12.2.x. Some Stat features will depend on the AD product release.
Technology Stack	All components of the technology stack for the Oracle E-Business Suite should be in compliance with Oracle certification requirements
Stat Oracle Agent - Hardware Platforms	Stat will be certified with most UNIX® and Intel® based platforms supported by Oracle. Contact Quest® Support for updated platform certification. JDK/SDK version 8

Upgrade and compatibility

The Stat® 6.3 upgrade is compatible with any 5.7.x version of Stat or higher. See the Upgrade Notes included with this release. It is not necessary to uninstall previous versions of Stat to install 6.3.

Product licensing

Commercial and trial Stat® 6.3 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 about upgrading Stat® 5.7.x (or later) to version 6.3, see the *Stat Upgrade Notes* document included with this release.

Additional resources

Additional information is available from the following:

- Online product documentation (https://support.quest.com/stat/technical-documents), 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

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 was not enabled and tested for international operation. Only U.S. English configurations of this product and U.S. English datasets are fully supported. Support for non-ASCII characters or non-English configurations may work appropriately, but these configurations have not been tested and this release should be used with caution in these environments.

Stat is targeted to support operations in the following regions: North America, Western Europe, and Latin America.

This release is Unicode-enabled and supports any single or multi-byte Western European character set based on Western European locales or language configuration supported by Windows.

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/contact.

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	JQuery 3.1.1: copyright jQuery Foundation | jquery.org/license
Apache Commons Beanutils 1.9.3	Apache License
Apache Commons Collections 3.2	Version 2.0, January 2004
Apache Commons Digester 2.0	http://www.apache.org/licenses/
Apache Commons Fileupload 1.3.3	TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
Apache Commons IO 2.2	
Apache Commons Logging 1.1.3	1. Definitions.
JQuery 3.1.1	
Struts Framework 2.3.35	"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
	"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.
	"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.
	"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.
	"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.
	"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.
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Component	License or acknowledgment (Continued)
Continued: Apache Batik 1.11 Apache Commons Beanutil 1.9.3 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 JQuery 3.1.1 Struts Framework 2.3.35	(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. 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. 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. 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. 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. 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.

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Continued: Apache Batik 1.11 Apache Commons Beanutil 1.9.3 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 JQuery 3.1.1 Struts Framework 2.3.35	9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS
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CKEditor 4.5.11	Mozilla Public License (MPL) 2.0
D3 3.5.5	BSD 3-Clause License Copyright 2010-2016 Mike Bostock All rights reserved.
Eclipse JDT Core Component 3.11.0	Eclipse Public License 1.0
JasperReports 6.11.0*	Copyright (C) 2007 Free Software Foundation, Inc. GNU Lesser General Public License (LGPL) Version 3, 29 June 2007 Source code can be found at: http://sourceforge.net/projects/jasperreports/files/jasperreports/JasperReports%206.1.1/
JSch 1.5.4	BSD - JCraft 1.0
jsdifflib 1.0	Copyright (c) 2007, Snowtide Informatics Systems, Inc. All rights reserved. BSD-style license. A copy of the license text can be found at: https://www.quest.com/legal/third-party-licenses.aspx. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
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TFS-SDK 2012	MICROSOFT Public License 2012
WildFly 17.0.0*	LGPL (GNU Lesser General Public License) 2.1 Source code can be found at: http://wildfly.org/downloads/
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