HP Quality Center 10.00 Patch 30 Readme

**Software version:** 10.00 Patch 30 – Nov 08 2012

This document provides the following information about HP Quality Center 10.00 Patch 30.

**Important:** Install the patch only if you run the Quality Center English-language version.

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Known Limitations

Client Certification  
Software packages use code signing to create a digital "shrink-wrap" for code and content to protect software publishers and users. Digital signatures authenticate the source (individual, organization or software vendor) and verify the integrity of content.

The digital signature is renewed periodically (usually every several years). The digital signature is a digital “hand shake” between the installed package and the target computer. When the computer is connected to the Internet or regular updates are applied, the computer side is updated automatically.

HP Software recently renewed its digital certification with VeriSign. VeriSign root certificate is used to validate if HP files was updated to ensure the highest level of security. This might affect the Quality Center version 10 patch 28 and later.

The following error may occur when trying to load the Quality Center client:

**“Initialization has failed. Contact your system admin. For Details, see the Loader file.”**

Here is an example from ALM version 11.00:  


This can occur if the client machine is missing the new root certificate.

For more up-to-date information, go to the following VeriSign KB articles:

* **Code signing 2048-bit Root Migration** <https://knowledge.verisign.com/support/ssl-certificates-support/index?page=content&id=AR1747&actp=search&viewlocale=en_US>
* **How to install the 2048-bit Code Signing root and intermediate CA certificates**<https://knowledge.verisign.com/support/ssl-certificates-support/index?page=content&actp=CROSSLINK&id=SO19140>

Certifications

**New environment certified:**

See the details in [System Requirements](#System_Requirements) section below.

**Certification limitations:**

STM are not certified on Windows 7 SP1 x64 as a client

STM are not certified on SUSE 10 SP4 x64 as server OS

STM are not certified for MS SQL 2008 R2 SP1x64

**QCCR1J28438** - Unable to install QC-Client under user account is in the “Users” system group, if "Users"-group has limited permissions for "C:\Program Files (x86)\HP\Quality Center Client Side" folder.

**Workaround:**

The following steps should be executed only one time for the first QC 10 Client installation:

1. Enable User Account Control (UAC) to "On"-option for Vista or to "Default"-option for Win7/Win2008/Win2008R2.
2. Disable Data Execution Prevention (DEP).
3. Restart the machine.
4. Add the Quality Center server site to the Trusted Sites security zone.
5. Disable the Protected Mode for the Trusted Sites security zone.
6. Additionally for IE9 enable "Compatibility View"-option for the Quality Center server site.
7. Start IE "as Administrator" and install QC Client. Close IE.

Allow "Write" and "Update"("Modify") permissions for "Users" group for MSI installation - "C:\Program Files (x86)\HP\Quality Center Client Side"-directory , for Spider installation - "C:\Program Files (x86)\Common Files\Mercury Interactive\Quality Center" = directory  and "C:\Windows\Temp"-directory

1. Start IE as "User" and install QC Client.
2. Return DEP and UAC as before.

Enhancements

Fixed Defects

Document Generator

General

**QCCR1J27788** - Opening a TIF image that as attached to a defect or requirement did not open the appropriate viewer, namely Microsoft Windows Picture and Fax Viewer which enables proper view of multiple pages TIF images.

**QCCR1J26073** - The "Modified" field that indicates time of the last modification was not refreshed as expected after modifying a defect entry.

**QCCR1J18614** - When sending a defect or a requirement by email, attachments of the sent entity having diacritics and Non-English characters in their name did not appear properly in the received email, namely their extension was missing.

**Limitation:** If an attachment name contains German special chars more than 27 bytes the name inner a mail will be corrupted.

Analysis

**QCCR1J27963 -** The option of "Changes over Time" of a defect progress graph did not work and the result of the progress graph was always of the "Regular" option.

**QCCR1J26820** - Consecutive generation of Progress Report defined from three or more projects yielded different results.

Business Process Testing

**QCCR1J18686** - Parameters of Business Process tests and components were removed after a component and its related BP tests were checked in at the same time.

**QCCR1J27680 -** BPT run always fails from Test Lab for BPT test which is never checked-in in VC project

Test Lab

**QCCR1J26218** - When running a VAPI-XP test which calls another VAPI-XP test using TDHelper.RunTest the dialog window of the called test appeared only after closing the window of the first test.

Libraries

**QCCR1J26768** - A Test Case Folder did not keep its updated name if it was part of library and synchronization was performed after renaming the folder.

Version Control

**QCCR1J21452** - The attachment option button did not work properly after checking out test plan in Grid view by pressing one of the Add Attachment option buttons.

Localization

**QCCR1J27534** - Ann error occurred on attempting to login to the ALM\QC server in case the project or domain name contain Chinese characters and the Standard and Format setting of the client operating system is set to English.

Integration

**QCCR1J28811** - After time repeated saving of very large QuickTest script that is stored in HP ALM\QC took a considerable amount of time.

Customization

**QCCR1J26690** - Excel report Generate button disabled with workflow script is still enabled right after login to project

**QCCR1J26693** - Excel report Generate button disabled with workflow script is still enabled right after login to project

Issues Addressed by Previous Patches

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Enhancements

**Enhancement**: QCCR1J24470  
**Description**: High-contrast black Quality Center display.

**Solution:** High-contrast black Quality Center display support is added to the Defects and Requirements modules.

**Limitations:**QCCR1J26114**:** Text displays in a white font with a white background in "recovery password" screen (on High Contrast Windows theme).   
QCCR1J25952**:** Requirements module: Multi-selection (using Shift and Ctrl keys) does not show the frame around selected entities in all views’ expert grid.

Fixed Defects

Document Generator

**Defect ID:** QCCR1J25856  
**Problem:** Custom memo fields applied from template are not shown in Document Generator Reports with Full Page layout.  
**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J25928  
**Problem:** Document Generator report shows the baseline name as 'Something else' instead of the expected name.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J25857  
**Problem:** TheDocument Generator shows an "Type mismatch" error when reporting on tests of type QUICKTEST\_TEST that contain a function call.

**Solution:** The problem is fixed.  
**Limitation:** None

Common Modules

**Defect ID**: QCCR1J18611

**Problem**: Attachment names that contain more than 17 non-ASCII symbols are truncated.

**Solution**: The problem is fixed

**Limitation**: This fix increases the number of allowed non-ASCII symbols to 27.

**Defect ID:** QCCR1J21893  
**Problem:** The Change Project operation fails after several uses.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J24262  
**Problem:** Performance issues exist at GetProjectCustomizationData during Login and/or loading customization and users..  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J23620  
**Problem:** If several Quality Center clients are opened on one machine, the Password Reset feature does not work properly.

**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J24080  
**Problem:** An error message appears when saving (posting) a defect or requirement with an attachment whose size exceeds the limit set with the UPLOAD\_ATTACH\_MAX\_SIZE parameter. Instead, the error message should appear when adding the attachment to the defect or requirement.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J 24598  
**Problem:** An automatic job runs every fifteen minutes that cleans the database of stale sessions and locks. A regression prevents locks from being deleted if the Quality Center client was terminated abruptly. This causes entities to remain locked even after the LOCK\_TIMEOUT and the entities cannot be edited.  A workaround existed to physically delete the locked rows from the database.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J24050

**Problem:** Mail sent by the Quality Center server includes a link to the start\_a.jsp login page instead of start\_a.htm

**Solution:** The problem is fixed.

**Limitation:** None

Excel Reports

**Defect ID:**  QCCR1J25042

**Problem:**  The Generate button of an Excel report cannot be disabled using workflow scripts.

**Solution:** The problem is fixed

**Limitation:**   
QCCR1J26690 –The Generate button disabled using a workflow script is still enabled right after logging into a project.

QCCR1J26693 – It is impossible to generate an Excel report using a workflow script with actGenerate and Analysis.Generate.

Business Process Testing

**Defect ID**: QCCR1J18385

**Problem**: Components are still associated incorrectly with a business process test in Test\_MoveTo Sub after removal.

**Solution**: The problem is fixed.

**Limitation**: None

**Defect ID**: QCCR1J24479   
**Problem:** When copying a business process test that contains a flow to another project, the flow is always copied even if it exists in the target location. In addition, the test is not copied to the correct, relative location.

**Solution:** The problem is fixed.  
**Limitation:** None

Management

**Defect ID:** QCCR1J25606  
**Problem:** Synchronization fails when synchronizing a library containing a test that owns user assets. This occurs if the library is deleted in the target project yet modified in the source project.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J25152

**Problem:** Attachment.Rename is not called when the double click method is used to rename an attachment in a cycle or release in the Management module.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J24139  
**Problem:** A confusing confirmation message is displayed while you are trying to add attachments to entities in the Releases module.  
**Solution:** The problem is fixed.  
**Limitation:** The fix is relevant for Quality Center version 10.00 in the Releases module only.

**Defect ID:** QCCR1J24795, QCCR1J24358  
**Problem:** Large baselines comparison frequently fails.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J 22582   
**Problem:** Root folders in the Libraries module are not sorted.  
**Solution:** The problem is fixed; The root folders are sorted now [alphabetically](bword://BAB!ALL!,alphabetically/).

**Limitation:** None

Test Plan

**Defect ID:** QCCR1J25744  
**Problem:** The "Attempted to read or write protected memory" message appears when accessing the Expert View section in the Script tab or the Automated section in Execution settings tab in Test Instance Details dialog box in the Test Lab module.

**Solution:** The problem is fixed.  
**Limitation:** HP QuickTest Professional Add-in 11.00 for ALM/QC Hotfix QTPQC\_00012 must be installed.

OTA

**Defect ID:** QCCR1J25434

**Problem:** A deadlock occurs n OTA and server authentication fails with many concurrent clients in a multi-CPU environment.

**Solution:** The problem is fixed.

**Limitation:** None

Test Lab

**Defect ID:** QCCR1J24769  
**Problem:** An inappropriate error message is displayed in the Test Lab module.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J23261  
**Problem:** Modifications made to the Description field for Attachments in the Test Lab module cannot be saved.  
**Solution:** The problem is fixed  
**Limitation:** None

**Defect ID:** QCCR1J23616   
**Problem:** The test Instance order becomes scrambled when ordering by name and the backend is Oracle.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J24074  
**Problem:** It is impossible to go to a test set from the Search Results window by double clicking.

**Solution:** The problem is fixed.  
**Limitation:** None

Site Admin

**Defect ID:** QCCR1J24780  
**Problem:** An extra, unnecessary Test Plan folder tree is copied when a user creates a new project by copying another project and has de-selected the Tests and Defects checkboxes.

**Solution:** The problem is fixed.  
**Limitation:** None

Requirements

**Defect ID:** QCCR1J23095  
**Problem:** Several labels are truncated in the Risk tab when using 1024x768 display resolution.

**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J24038

**Problem:** No workflow events are available to manage requirement traceability.

**Solution:** The problem is fixed.

Analysis

**Defect ID:** QCCR1J23459  
**Problem:** The Progress Graph for cycles incorrectly displays values in the X-axis.

**Solution:** The problem is fixed.  
**Limitation:** None

Database

**Defect ID:** QCCR1J24578  
**Problem:** The database shared pool has a lot of queries of the type:   
UPDATE LOGIN\_SESSIONS SET LS\_LAST\_ACTION\_TIME=(select SYSDATE + (-6602446/(24\*60\*60\*1000)) from dual) , LS\_LAST\_TOUCH\_TIME=(select SYSDATE from dual) WHERE LS\_ID = :v0  
**Solution:** The query now uses the bind parameter, and there should be one per project in the database shared pool.  
**Limitation:** None

QC Sense

**Defect ID:** QCCR1J24495  
**Problem:** An authentication error is displayed when a user whose name contains spaces accesses QC Sense configuration in Site Administration.  
**Solution:** The query now uses the bind parameter, and there should be one per project in the database shared pool.  
**Limitation:** None

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Known Limitations

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The following error may occur when trying to load the Quality Center client:

**“Initialization has failed. Contact your system admin. For Details, see the Loader file.”**

Here is an example from ALM version 11.00:  


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* **Code signing 2048-bit Root Migration** <https://knowledge.verisign.com/support/ssl-certificates-support/index?page=content&id=AR1747&actp=search&viewlocale=en_US>
* **How to install the 2048-bit Code Signing root and intermediate CA certificates**<https://knowledge.verisign.com/support/ssl-certificates-support/index?page=content&actp=CROSSLINK&id=SO19140>

Enhancements

**Enhancement**: QCCR1J20305   
**Description**: Compare baseline: A renamed TestSetFolder is now displayed as "Modified."

**Enhancement**: QCCR1J13525   
**Description**: A new parameter for controlling the size of the attachments is now available.  
**Solution**: The new site parameter UPLOAD\_ATTACH\_MAX\_SIZE (size in KB) controls the maximum size of attachments added using OTA and using the UI. This parameter has no effect on attachments added using integration tools.

**Limitations:** Consider the following limitations when working with this enhancement:

**QCCR1J24139**: The "Do you want to delete the selected attachment?" confirmation message appears instead of the "File exceeds permitted size" error message when you are trying to add an attachment whose size exceeds the limit set with the UPLOAD\_MAX\_ATTACH\_SIZE parameter.

* QCCR1J24080: An error message appears when saving (posting) a defect or requirement with an attachment whose size exceeds the limit set with the UPLOAD\_ATTACH\_MAX\_SIZE parameter. Instead, the error message should appear when adding the attachment to the defect or requirement.

Certifications

The following environments are now certified.

* Business Process Testing and Service Test 11.2 were certified on Windows 2008R2 SP1 as a server.
* Business Process Testing and Service Test 11.2 were certified on Oracle 11.2.0.2
* Business Process Testing and Service Test 11.2 were on Windows Vista SP2 32bit as a client.

For details, see the [System Requirements](#System_Requirements) section below.

Fixed Defects

Analysis

**Defect ID:** QCCR1J21847  
**Problem:** The following error message appears "Access violation..." in the Defects module > Analysis menu > <any menu sub-item> when the defects grid is empty.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J17782  
**Problem:** Quality Center crashes, usually with an out of memory exception, due to processing a large volume of data in a data table when generating a graph.  
**Solution:** The problem is fixed.  
**Limitation:** None

Business Process Testing

**Defect ID:** QCCR1J21642  
**Problem:** After running certain business process tests that contain certain components/flows, output parameters are not being written to the BP\_STEP\_PARAM table after the tests have completed.   
**Solution:** The problem is fixed.  
**Limitation:** None

Customization

**Defect ID:** QCCR1J22824  
**Problem:** When a data hiding filter is propagated from a template to a linked project for a group that is a template group, an error message is displayed when the user accesses the test plan module.  
**Solution:** Fix corruption in propagated filter.  
**Limitation:** None

**Defect ID:** QCCR1J22931  
**Problem:** The following error message is displayed: "You can’t not have the required permissions to execute this action.” This occurs when the template is applied to a project and a user is a member of group that has access (check box checked) for the tasks.   
**Solution:** HOST is now part of the propagation.  
**Limitation:** None

**Defect ID:** QCCR1J21366  
**Problem:** There is a mismatch between the Defect Details dialog box and the selected defect.  
**Solution:** The problem is fixed   
**Limitation:** None

**Defect ID:** QCCR1J22589  
**Problem:** When a user applies customization from a template project to a linked project, fields that refer to lists that are part of IGNORE\_TEMPLATE\_LISTS point to some other list.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J21612  
**Problem:** Transition rules do not get removed from the linked project when you delete them from the template and apply customization.  
**Solution:** The problem is fixed.  
**Limitation:** None

Other

**Defect ID:** QCCR1J22857  
**Problem:** An “Access violation" error appears while working in a Quality Center project on X64 operating systems.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J23739  
**Problem:**  QC Sense performs an operation that accesses the operating system (RandomUID). A bug in certain operation systems throws an exception. This exception causes the job manager to fail.  
**Solution:** The problem is fixed  
**Limitation:** None

Requirements

**Defect ID:** QCCR1J21261  
**Problem:** Cut/paste of requirement descriptions causes an access violation error.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J22603  
**Problem:** Unchecking "Add Requirement" permission prevents drag and drop of requirements.  
**Solution:** The problem is fixed.

**Note**: User needs "Modify permission" only for moving or ‘draging and dropping’ a requirement.

**Limitation:** None.

**Defect ID:** QCCR1J21460  
**Problem:** After changing the view (Tree-Coverage), the bottom panel in the Requirements module is not displayed.  
**Solution:** The problem is fixed.  
**Limitation:** None

Site Admin

**Defect ID:** QCCR1J20692   
**Problem:**  It is now possible to hide the Progress and Quality tabs from the Releases and Cycles modules.   
**Solution:** The site parameter HIDE\_RELEASE\_CALCULATION\_VIEWS now hides these tabs if set to 'Y'.  
**Limitation:** None

**Defect ID:** QCCR1J22322  
**Problem:**  The Quality Center 10 server reaches its maximum heap memory size and does not release any memory, causing the application to crash several times a week.  
**Solution:** The new site parameter CLEAN\_PROJECT\_CACHE\_INTERVAL now sets the interval for cleaning the project cache (time specified in minutes).  
**Limitation:** None

**Defect ID:** QCCR1J21296  
**Problem:** PolicyStatus.Administrators returns an incorrect list.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J21132  
**Problem:** The Copy URL option does not work when Internet Explorer is not the default browser on the client machine.  
**Solution:** The problem is fixed. If Internet Explorer is not the default browser on the client machine, add a string data IEPath under the following registry key:  
HKEY\_CURRENT\_USER\Software\Mercury Interactive\TestDirector\General, the name of the value is IEPath and the data of the value is the path of IE browser on the machine.   
Example:

C:\Program Files (x86)\Internet Explorer\iexplore.exe  
**Limitation:** None

Test Plan

**Defect ID:** QCCR1J21738   
**Problem:**  Test attachments that are version-controlled revert to an older version during check in.  
**Solution:** The problem is fixed   
**Limitation:** None

**Defect ID:** QCCR1J22613   
**Problem:**  Parameter values are lost after copying a test that contains a call to a test.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J20983  
**Problem:**  If you modify the description of a test, and then add an attachment to a design step of the test before posting the test, the modifications made to the description are lost.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J22246 QCCR1J21204  
**Problem:**  When creating new design steps to a manual test, the step name is empty and disabled (grayed out).   
**Note**: This problem only appears in manual tests where no previous design steps were created.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J22058

**Problem:**  When uploading attachments in Quality Center 10.00, the attachment size is displayed as 0 KB.  
**Solution:** The problem is fixed.  
**Limitation:** None

Test Lab

**Defect ID:** QCCR1J20975  
**Problem:**  When setting a sort without setting a filter, empty folders are hidden.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J23540  
**Problem:**  An “Unspecified Error" is displayed in Quality Center while executing test cases.   
**Solution:** The problem is fixed  
**Limitation:** None

**Defect ID:** QCCR1J20780  
**Problem:**  Promotion of parameters in the test script disappears.  
**Solution:** The problem is fixed.  
**Limitation:** None

Integration

**Defect ID:** QCCR1J20868   
**Problem:** QuickTest Professional cannot submit defects automatically.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J22449  
**Problem:**  QuickTest.Application.Test “Save As” operations fail in one Quality Center project.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J21457  
**Problem:**  Quality Center could not run tests on other machines on the host list if the first machine is not available, even if QTP\_00763 is installed.  
**Solution:** The problem is fixed.  
**Limitation:** None

Installation

**Defect ID:** QCCR1J23100  
**Problem:**  When using Windows 7 and setting the UAC at Medium: No preexisting attempts to use Quality Center on that machine.   
A user attempts to install Quality Center in non-admin mode. The same user then installs components via the MSI package (with admin rights).  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J22634  
**Problem:** Too many entries in the AUDIT\_LOG table when editing test set fields.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J20873  
**Problem:**  The "Object reference not set to an instance of an object" error message is displayed when generating the Test Lab report "Cross Test Set with Failed Test Runs."   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J21603  
**Problem:** Quality Center 10.0 client crashes when using a project with SAP extensions on a Windows 7 64 bit client.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Login

**Defect ID:** QCCR1J20870  
**Problem:**  Log in without administrative rights is not possible.  
**Solution:** The problem is fixed.  
**Limitation:** None

Workflow

**Defect ID:** QCCR1J22532  
**Problem:**  The workflow subroutines Req\_FieldCange and Req\_FieldCanChange are not triggered when performing “Assign to Cycle” on a requirement  
**Solution:** The problem is fixed  
**Limitation:** None

**Defect ID:** QCCR1J20704  
**Problem:**  Access violation errors and catastrophic failure errors are displayed from the Dashboard when accessing items from the Drill Down Results.  
**Solution:** The problem is fixed.  
**Limitation:** None

Version Control

**Defect ID:** QCCR1J22973  
**Problem:**  Errors occur when comparing designs steps after enabling version control with Windows 7 and Internet Explorer 8.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J21030  
**Problem:**  Changes are not posted when the Go To Test event is taken from search results.  
**Solution:** The problem is fixed.  
**Limitation:** None

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Fixed Defects

QuickTest

**Defect ID:** QCCR1J18434

**Problem:** Error selecting attachment from Quality Center test as data table for QuickTest 11.0 test.

**Solution:** The problem is fixed.

**Limitation:** None.

Workflow

**Defect ID:** QCCR1J20450

**Problem:** Test\_MoveTo is triggered twice when switching from tree view to grid view.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J19715

**Problem:** Deleting release through workflow with OTA invalidates tree view.

**Solution:** The problem is fixed.

**Limitation:** None.

Business Process Testing

**Defect ID:**  QCCR1J19271

**Problem:** The flow of the Description posting was wrong, causing an infinite loop when leaving the Description tab. The Exit procedure was called on continuously.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J18385

**Problem:** Components are still associated with BPT Test in Test\_MoveTo Sub after removal.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J18789

**Problem:** Missing Tests and/or Components from the Quality CenterRepository.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J19394

**Problem:** Impossible to create a component using "AddItem" with parameters.

**Solution:** The problem is fixed.

**Limitation:** None.

**Note:** The component default status is set to "Under Development".

**Defect ID:** QCCR1J19864

**Problem:** When we move a component request from its folder we update the status field, in order to apply this change for all users, we need to check in the component.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J20306

**Problem:** Performance issue while refreshing folders containing large numbers of Business Components.

**Solution:** The problem is fixed.

**Limitation:** None.

QC Sense

**Defect ID:** QCCR1J19859

**Problem:** There is a problem with QC Sense on Linux server in Quality Center10.00.

**Solution:** The problem is fixed.

**Limitation:** None.

Search

**Defect ID:** QCCR1J20129

**Problem:** SQL injection is possible during search in UI.

**Solution:** The problem is fixed.

**Limitation:** None.

Test Lab

**Defect ID:**  QCCR1J19330

**Problem:** "Failed to Get Run Value" error window appears when the user tries to configure a report related to the Test Lab module in the Dashboard module.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J20246

**Problem:** Cannot open Quality Center test results from failed tests when executing test sets in parallel mode.

**Solution:** The problem is fixed.

**Limitation:** None

OTA API

**Defect ID:** QCCR1J19781

**Problem:** OTA application stops working after several runs on a Multi-CPU Windows system.

**Solution:** The problem is fixed.

**Limitation:** None.

Dashboard

**Defect ID:** QCCR1J19434

**Problem:** Dashboard Module Graphs intermittently will not generate.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J19661

**Problem:** Live analysis is not showing data on the content of its inner folders.

**Solution:** The problem is fixed.

**Limitation:** None.

**Defect ID:** QCCR1J20622

**Problem:** The search functionality in Dashboard > Test Summary Graph > Filter > Subject does not function properly.

**Solution:** The problem is fixed.

**Limitation:** None

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**Defect ID:** QCCR1J20179

**Problem:** An error in the test integrity that was caused by an undo-check-out action on the flow caused an error in the execution of the test.

**Solution:** The problem is fixed.

**Limitation:** None.

General

**Defect ID:**  QCCR1J19986

**Problem:** After adding new step, the focus does not change.

**Solution:** The problem is fixed.

**Limitation:** None.

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Baselines

**Defect ID:** QCCR1J20304

**Problem:** While comparing baselines, the Test Set Folder name change doesn’t show as “Modified”

**Solution:** The problem is fixed.

**Limitation:** None.

Test Plan

**Defect ID:**  QCCR1J20338

**Problem:** There was a problem with the Data Providers for the Create New Design Step form and the Design Steps tab.

**Solution:** The problem is fixed.

**Limitation:** None.

Customization

**Defect ID:** QCCR1J19866

**Problem:** Quality Center10 Cross Project Customization: Very slow performance when applying customization and viewing project lists from a Template project.

**Solution:** The problem is fixed.

**Limitation:** None.

Enhancements

.None

Limitations  
 **Limitation ID**: QCCR1J18960  
**Problem:** Scrollbar disposition is wrong in Test Lab Module.   
  
**Limitation ID**: QCCR1J19982   
**Problem:** Test Lab: Delete button disabled and Assign to Cycle enabled for Unattached folders.

**Limitation ID**: QCCR1J18593   
**Problem:** The error "No permission to modify" appears if the user belongs to the viewer group.

**Limitation ID**: QCCR1J15402   
**Problem:** While generating an Excel report with incorrect querys, an unexpected "save as" dialog box pops up in the background.

Quality Center 10.00 Patch 26

Fixed Defects

General

**Defect ID:** QCCR1J18545

**Problem:** A user from the Windows default Users group cannot open .msg attachments.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18786

**Problem:** System tests running with planned hosts do not record results correctly.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J17181

**Problem:** Access violation at address 0E744159 in module'QCCLIE~1.OCX'

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J19189

**Problem:** The AuditRecord object's .Time property and AU\_TIME field only display the date, not the time.

**Solution:** The problem is fixed.

**Limitation:** None

Requirements

**Defect ID:** QCCR1J19184

**Problem:** Requirements report with Trace to Sub reports not working as expected

**Solution:** The problem is fixed.

**Limitation:** None

Business Process Testing

**Defect ID:** QCCR1J19112

**Problem:** –In the Output Parameter dialog box for flows, validation errors can lead to corruption

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18783

**Problem:** Using selected group iterations in a flow does not function as expected.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18466

**Problem:** Some flows are skipped when executing a business process test from the Test Plan module.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18467

**roblem:** Flows are not executed when being used multiple times in a business process test.

**Solution:** The problem is fixed.

**Limitation:** None

Work flow

**Defect ID:** QCCR1J18989

**Problem:** When the attachment delete button is hidden and disabled by workflow, it is still possible to delete the attachment using the DELETE key.

**Solution:** The problem is fixed.

**Limitation:** None

Cross Project Customization

**Defect ID:** QCCR1J19071

**Problem:** Cancel button string in Cross Project Customization is not informative label.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J17184

**Problem:** Access violations occur on a specific template project and projects created from this template.

**Solution:** The problem is fixed.

**Limitation:** None

Test Plan

**Defect ID:** QCCR1J18524

**Problem:** When performing a bulk update, you can change the test type in the Test Plan Module. This causes type inconsistencies for the test and displays an error.

**Solution:** The problem is fixed.

**Limitation:** None

Test Lab

**Defect ID:** QCCR1J18410

**Problem:** There is a problem with pasting test sets and linking to existing related entities.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J19921

**Problem:** Wrong status updates appear in Test Instance and Test statuses after a run.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18979

**Problem:** There is a script performance issue after upgrading to QuickTest 10.0 and Quality Center 10.0.

**Solution:** The problem is fixed.

**Limitation:** None

Baselines

**Defect ID:** QCCR1J17090

**Problem:** Synchronization fails if it is necessary to resurrect old deleted entities (entities that were deleted several synchronizations before and were not resurrected in prior synchronizations) in a destination library.  
**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18320

**Problem:** The ServerFileName attribute of a checked out test returns an incomplete path.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18240

**Problem:** The items or subitems entries in Project List after pressing the Save Button.

**Solution:** The problem is fixed.

**Limitation:** None

Dashboard

**Defect ID:** QCCR1J18280

**Problem:** X-axis categories are not sorted alphabetically in Quality Center 10.0 Dashboard > Summary graphs.

**Solution:** The problem is fixed.

**Limitation:** None

**Defect ID:** QCCR1J18202

**Problem:** Progress graphs using the "Sum of" option displays empty results.

**Solution:** The problem is fixed.

**Limitation:** None

Site Admin

**Defect ID:** QCCR1J18434

**Problem:** The Quality Center Licenses tab shows a count that is larger than the total connected users in the Connections tab.

**Solution:** The problem is fixed.

**Limitation:** The defect was only fixed, but not tested.

Client

**Defect ID:** QCCR1J14236

**Problem:** The user interface appears corrupted when minimizing or maximizing a window in Quality Center Explorer on Microsoft windows 7 64 bit.  
**Solution:** The problem is fixed.   
**Limitation:** None

QC Sense

**Defect ID:** QCCR1J18300

**Problem:** Database configuration improvements by creating QC Sense schema automatically.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J17197

**Problem:** Unable to open exported QC Sense report in \*.PPT file format due to error while opening PowerPoint 2010

**Solution:** The problem is fixed.

**Limitation:** None

Enhancements

Databases

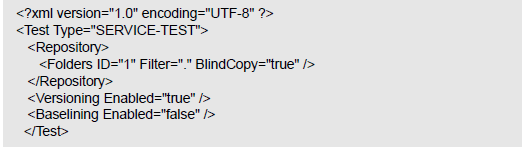
Service Test Management is certified for Microsoft MSSQL 2008 SP2.

Certification

**“New environment certified:**See the details in the [System Requirements](#System_Requirements) section below”

Limitations  
Service Test

**Limitation:** To enable Service Test versioning, create a file in ,<QC Installation >\repository\sa\DomsInfo\Metadata\TEST folder called ServiceTest.xml with the following content:



Restart the QC Service for changes to take effect.

Quality Center 10.00 Patch 25

Fixed Defects

**Defect ID:** QCCR1J18225  
**Problem:** Search and Replace feature in Test Plan when versioning enabled.  
**Solution:** The Problem is fixed  
**Limitation:** None

**Defect ID:** CCR1J17982  
**Problem:** Errors occurred while using the project upgrade utilities in cluster mode: verify, repair and upgrade.  
**Solution:** The problem is fixed.  
**Limitation:** Requires change of log4j.properties file in repository manually.

**Defect ID:** QCCR1J17646  
**Problem:** Excel report contains ID instead of test names, as in the grid for test instances.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** QCCR1J17897   
**Problem:**  "Item does not exists" error message appears on closing "Required Field" form  
**Solution:** The Problem is fixed  
**Limitation:** None

**Defect ID:** QCCR1J17614  
**Problem:** QC Mail formatting is not OK when using Notes 8.5.1  
**Solution**: The problem is fixed.  
**Limitation**: File Repository should be changed manually, and restart the Quality Center service.

**Defect** **ID**: QCCR1J17567   
**Problem**: Date format when using windows 7 as client OS is wrong.  
**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID:** QCCR1J17544  
**Problem**: Progress tab is calculated incorrectly: the total days calculation did not take the first day in the account, so if we have start on 01 January and finish on 2 of January, the total days was 1 day, while it should be 2 days  
**Solution**: The problem is fixed.  
**Limitation**: none

**Defect ID**: QCCR1J17911  
**Problem**: Unnecessary Warning for Target "Read Only" Folders  
**Solution**: The problem is fixed.  
**Limitation**: Only “My Documents” folder is checking for special read only state.

**Defect ID**: QCCR1J17456  
**Problem**: 'Failed to create OfflineExecution RA after registration.' occurs when trying to use parallel execution.  
**Solution**: The problem is fixed.   
**Limitation**: None

**Defect ID**: QCCR1J17118  
**Problem**: Filter condition for the Requirement Type field displays the numeral value instead of string value.  
**Solution**: The problem is fixed.   
**Limitation**: None

**Defect ID**: QCCR1J17509  
**Problem**: After opening Mail dialog, Workflow's Bug\_Fields list does not contain proper objects  
**Solution**: The problem is fixed  
**Limitation**: None

**Defect ID**: QCCR1J18209  
**Problem**: The counts in the Site Analysis tab are way off as compared to Licenses in daily use.  
**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID**: QCCR1J12596  
**Problem**: "Verify Value" features not consistent for Lookup List fields  
**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID**: QCCR1J17371  
**Problem**: Service Test 11.0 tests cannot be saved when the Version Control is enabled.  
**Solution**: The problem is fixed.  
**Limitation**: Error is thrown when Service Test 11 tests are saved in Quality Center 10.0 on Windows 7 64 bit.

**Defect ID**: QCCR1J17265  
**Problem**: Error message "No permission to modify the field" for user in Viewer group when selecting Major Changes option.  
**Solution**: The problem is fixed.  
**Limitation**: None.

**Defect ID**: QCCR1J15813  
**Problem**: Certification Win7x64: Corrupted UI in "Management" module after login, when minimize or maximize window of IE (also "Test Resources", "Dashboard" modules).  
**Solution**: The problem is fixed.  
**Limitation**: None.

**Defect ID**: QCCR1J18179  
**Problem**: Missed "Test Script" component in project copied from VC project.  
**Solution**: The problem is fixed.  
**Limitation**: None

Enhancements

Management module - Sharing

**Enhancement ID**: QCCR1J10543

For example a test might cover 5 requirements in 5 different locations and it is not desirable to have to save all requirements in these 5 folders (also, it can be very difficult to locate the right locations in a complex tree structure). A "linked entities" option would be a nice feature.

**Limitation**: The parameter **IS\_SHOW\_ADVANCED\_SHARING** (values: ‘Y’, ‘N’) should be added to the Site Configuration to enable the feature

**Enhancement ID**: QCCR1J7961

Adding filtering capabilities when creating library (Advanced filter) is missing.

Client Side Deployment

**Enhancement ID**: QCCR1J14086  
Quality Center 10.0 is supporting Microsoft Internet Explorer 9.0

Virtualization

**Enhancement ID**:  
Quality Center 10.0 is supporting Citrix 6.0 for QC Client  
**Limitation :** Other integrations may not support this yet, please follow their releases.

Databases

**Enhancement ID**:  
Quality Center 10.0 Server is supporting Microsoft SQL 2008 SP2

**Limitation**: ST/STM were not certified on MSSQL 2008 SP2

Limitations  
 **Defect ID:** QCCR1J17813  
**Limitation:** IE 9.0 locks some UI components in Quality Center 10.0   
right after comparing two versions of the entity

Quality Center 10.00 Patch 24

Fixed Defects

Site Admin

**Defect ID:**  QCCR1J17372

**Problem:** Access violation errors appear when trying to add a new user to a project  
**Solution:** The problem is fixed.   
**Limitation:** None

Customization

**Defect ID:**  QCCR1J16497

**Problem:** After applying customization from template to linked projects, the linked projects have different module access.  
**Solution:** The problem is fixed.   
**Limitation:** None

Integration

**Defect ID:**  QCCR1J16503

**Problem:** User can’t see the description for the custom Integrating plug-in modules   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID**: QCCR1J17533

**Problem**: QTP script that using OTA failed on "for each" cycle

**Solution**: The problem is fixed.

**Limitation**: None

Baselines

**Defect ID:** QCCR1J17483

**Problem:** After failure of re-synced libraries (failed twice) the compare libraries failed

**Solution**: The problem is fixed.

**Limitation**: None

Test Lab

**Defect ID**: QCCR17027

**Problem**: Manual Runner does not pass output values for grouped components

**Solution**: The problem is fixed.

**Limitation**: None

**Defect ID:** QCCR1J17142, QCCR1J17116, QCCR1J16537

**Problem**: The Go to function of the Find Folders/Test Set is not working properly.

**Solution**: The problem is fixed.

**Limitation**: None

**Defect ID**: QCCR1J17422

**Problem**: Execution Event Notification mail comes up without relevant information.

**Solution**: The problem is fixed.

**Limitation**: None

**Defect ID:** QCCR1J16172

**Problem**: Pin-to-baseline not working before you refresh the Test Set tree view.

**Solution**: Remove dependency from initialization of the Details tab in the pinned baseline value posting.

**Limitation**: None

Version Control

**Defect ID:** QCCR1J17173

**Problem:** Version Control table is not being verified while repairing tree path problems.

**Solution**: The problem is fixed.

**Limitation:** None

**Defect ID**: QCCR1J17169

**Problem**: There are too many redundant IO operations for the checkout.

**Solution**: The problem is fixed.

**Limitation**: None

Business Process Testing

**Defect ID:**  QCCR1J17177  
**Problem:**  When creating a project from an existing one, the”/hist/COMPOMENT” folder and “/checkouts/components” under project repository is not copied.  
**Solution:** The problem is fixed.  
**Limitation:** [[QCCR1J18179](#Limitations)] Missed "Test Script" component in project copied from VC project.

**Defect ID:**  QCCR1J17493

**Problem:** When a new parameter is added to a component, it is not visible in the Business Process test  
**Solution:** The problem is fixed.   
**Limitation:** None

Offline Execution

**Defect ID:**  QCCR1J17937  
**Problem:** Cannot perform offline execution of QTP tests.  
**Solution:** The problem is fixed. For more information go to patch 24 [Appendix section](#Appendix)  
**Limitation**: None

**Defect ID:**  QCCR1J17438  
**Problem:** Index 12 out of range error while displaying hiding cycle fields from workflow seems to prevent QC to hide cycle’s fields  
**Solution:** The problem is fixed.   
**Limitation**: None

QC Sense

**Defect ID:**  QCCR1J16917  
**Problem:** Configuration UI - adding connection string builder  
**Solution:** The problem is fixed.  
**Limitation**: None

**Defect ID:**  QCCR1J17454  
**Problem:** Adding sorting and filter possibilities for QC Sense reports   
**Solution:** The problem is fixed.   
**Limitation**: None

Graphs

**Defect ID:**  QCCR1J16885  
**Problem:** Graph drill-down report exported to Excel displays 'Target Cycle' and 'Plan: Subject' values incorrectly as ''Mercury.TD.Client.Ota.Entities.Core.TestFolder'   
**Solution:** The problem is fixed.   
**Limitation**: QCCR1J17806 Export to Excel from Test Summary graphs' drill down results fails

Enhancements

Service Test

**Defect ID:**  QCCR1J17476

**Solution:** Add 'Testing Activity' resource type to be used by Service Test

**Instructions:**

The following files (attached as a zip file in the patch installation) should be manually deployed in the following locations (in the sa repository):

1. <QC repository>\sa\DomsInfo\TEMPLATES\Empty\_DB\tables\ALL\_LISTS\_!000000.xml
2. <QC repository>\sa\DomsInfo\MaintenanceData\conf\verify\_tasks\_deep.xml
3. <QC repository>\sa\DomsInfo\MaintenanceData\conf\verify\_report.xsl
4. <QC repository>\sa\DomsInfo\MaintenanceData\conf\repair\_tasks.xml

If you are using a newer Certified Database, remember to recommend the following:

1. Comment the line in the following two files:

Comment:

<!-- ENTRY VALUE="com.mercury.qc.dbverify.tasks.DBSupportedCheckTask"  -->

Files:

<Quality Center installation path>\repository\sa\DomsInfo\MaintenanceData\conf\ *verify\_tasks\_deep.xml and verify\_tasks\_basic.xml*

1. After file replacing this line should be commented one more time – otherwise, the new type will not appear in project.

Limitations  
 **Defect ID:**  QCCR1J17806  
**Limitation:** Export to Excel from Test Summary graphs' drill down results fails (already fixed for patch 25)

**Defect ID:**  QCCR1J18179

**Limitation:** Missed "Test Script" component in project copied from VC project.   
**Workaround**: Check-in components before copy

Quality Center 10.00 Patch 23

Fixed Defects

Site Administration

**Defect ID:**  QCCR1J16801

**Problem:** Access violations occur in the Quality Center user interface on a specific template project and projects created from this template.

**Solution:** The problem is fixed.   
**Limitation:** None

Business Process Testing

**Defect ID:** QCCR1J16677

**Problem:** The component validation process fails and displays the following error message "Business component Group not found." This usually occurs when a component is used by many tests.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16671

**Problem:** The Simple Key Entity Error message is displayed and problems occur when trying to move business process testing components, checking in, or checking out.

**Solution:** The problem is fixed.   
**Limitation:** None

Workflow

**Defect ID:** QCCR1J16367

**Problem:** In a custom workflow with many tabs created, the sequence order of the fields affects the number of digits users can enter from Defect Details view. However, reordering the fields to the end of the page for the tab prevents this problem.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16087

**Problem:** The 'Add Comment' button in the Business Components module does not trigger any workflow events/actions.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16252

**Problem:** Workflow loses track of the test ID after viewing versioned entities in the History tab.

**Solution:** The problem is fixed.   
**Limitation:** None

Reports

**Defect ID:** QCCR1J14404  
**Problem:** Reports display the first 235 characters of the contents instead of all field contents that were exported.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16600

**Problem:** Quality Center 10.00 Reports: When "Limit items per page" is set to 1, expected page-breaks are not generated.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16552

**Problem:** When the user exports comments or description information to an excel document from the drill down, the exported information appears with HTML code and if the text is large some information is removed  
**Solution:** The problem is fixed.   
**Limitation:** None

Release module

**Defect ID:**  QCCR1J16550

**Problem:** For attachments in the Release module (Release Folder, Release, Cycle), the property "Modified" only shows the date, not the time.

**Solution:** The problem is fixed.   
**Limitation:** None

Requirements module

**Defect ID:**  QCCR1J16470  
**Problem:** The Quality Center client displays the error message “Access violation" after re-login and going into customization and back.  
**Solution**: The problem is fixed.   
**Limitation:** None

Version Control

**Defect ID:**  QCCR1J16559  
**Problem:** On version control enabled projects, the field properties IsVisible and .ViewOrder are set by workflow.

**Solution:** The problem is fixed.   
**Limitation:** None

Enhancements

Office 2010

Quality Center 10.00 is now certified on Microsoft Office 2010.

Limitations  
 **Defect ID:**  QCCR1J17197  
**Problem:** Unable to open "QCense report" exported to Microsoft Office 2010 PowerPoint files due to an error opening in PowerPoint.

**Defect ID:**  QCCR1J16581  
**Problem:** "Text Effects" button is not active for "Requirement Details" dialog (Microsoft Office 2010)

Quality Center 10.00 Patch 22

Fixed Defects

Defects

**Defect ID:**  QCCR1J15634  
**Problem:** When a defect is edited, user-defined Memo field changes disappear after clicking the "Send by Email" button.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J15383  
**Problem:** Defects’ last 'Modified' dates are updated even when the 'Cancel' button is clicked.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J16010  
**Problem:** Changes made in the Defect Module’s Grid view are not saved.  
**Solution:** The problem is fixed.   
**Limitation:** None

Customization

**Defect ID**: QCCR1J16339  
**Problem:**   
The error message “You don’t have the required permissions to execute this action” is displayed when performing the following:  
1. In Customization, on the Groups page, create a user group based on TDAdmin.  
 Click on Modify and clear the Comments checkbox for the Test Plan module’s Modify Test option.

2. In the Test Plan module, create a business process test and try to add a business component to it in the Test Script tab.

3. The error message displays.

In Customization, if you check the Comments permissions so that the user group can change test comments, you can add business components to the test without any problems.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J15405  
**Problem:** The caption for a newly- created button in the Management module is displayed instead of a hint   
**Solution:** The problem is fixed.   
**Limitation:** None

Shared Customization

**Defect ID:**  QCCR1J16089  
**Problem:** Quality Center propagation failed (Error message “Failed to Enforce Policy”) when running the Verify process on a cross-project customization with a new template with a new user defined group.  
**Solution:** The problem is fixed.   
**Limitation:** This operation may take longer.

**Defect ID:** QCCR1J16051

**Problem:** An inaccurate label is displayed for the Cross Project Customization Stop button.

**Solution:** Button is named "Cancel" and above the button, the text "Clicking Cancel completes the current project and cancels remaining projects”. is displayed.

**Limitation:** None

**Defect ID:** QCCR1J16920

**Problem:** Several date/time fields have become char (1) fields on the database backend after customization was pushed to the linked project from the template. This makes these fields unusable and caused data loss due to truncation of date to just 1 character.

**Solution**: The problem is already fixed since patch 19. The description is a little different but the result is the same.

**Limitation:** None

Common

**Defect ID:**  QCCR1J15345  
**Problem:** The Replace function works differently in different Requirement views.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J15539  
**Problem:** QC10: Highlighted entries in tables and reports are displayed in deep black.  
**Solution:** The problem is fixed.   
**Limitation:** None

Site Admin

**Defect ID:**  QCCR1J15389  
**Problem:** The "All licenses currently in use" error message displays in Site Administration.   
**Solution:** The problem is fixed.   
**Limitation:** None

Business Process Testing

**Defect ID:**  QCCR1J15428  
**Problem:** You cannot drag and scroll components in the Business Components module tree view.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J15948  
**Problem:** A memory access error message related to the Business Process Testing remote agent interrupts the execution of Business Process tests.  
**Solution:** The problem is fixed.   
**Limitation:** None

Workflow

**Defect ID:**  QCCR1J15610  
**Problem:** Workflow: Actions.Action("BugAddDevCommentsAction1").Visible = false does not work to hide the "Add Comment" button from the Defects module main page (Grid view).  
**Solution:** The problem is fixed.   
**Limitation:** None

Reports

**Defect ID:**  QCCR1J15973  
**Problem:** The 'Script out of range error' error message is displayed when running document generator reports.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:**  QCCR1J15555

**Problem:** Exporting graphs to Microsoft Word using the document generator reduces the graph size and content is not fully displayed.  
**Solution:** The problem is fixed.   
**Limitation:** None

Requirements

**Defect ID:**  QCCR1J15958  
**Problem:** When the error "Failed to Delete Requirement" occurs, requirement entity and its related children/parents are removed.   
**Solution:** The problem is fixed.   
**Limitation:** None

OTA

**Defect ID:**  QCCR1J16032  
**Problem:** Incorrect ActionName - "act\_add\_to\_cover" is fired when using a QTP test as a template for a new test in the Test Plan module.  
**Solution:** The problem is fixed.   
**Limitation:** None

QuickTest

**Defect ID:**  QCCR1J15445

**Problem:** The order of how is\_host\_ready and lock\_host are called needs to be changed.  
**Solution:** The problem is fixed

**Limitation**: QuickTest 10.00: Install patch 0677. QuickTest 11.00: Install patch 0763.

Service Test Management

**Defect ID:** QCCR1J14542 QCCR1J14557 QCCR1J14561 QCCR1J14556  
**Problem**: When STM 10.5 extensions are enable the STM functionality is not functions

**Solution:** The problem is fixed.   
**Limitation:** None

Enhancements

Reports **Defect ID:**  QCCR1J15969  
**Problem:** The Public Analysis Favorites is available in the Analysis menu in Quality Center 10.00 as in Quality Center 9.00.  
**Solution:** Entity tree will be added to all sub standard reports from type “Test instance” in order to avoid the   
need going back and forth between Test Lab and Dashboard module and to select Test Set from the Test Plan tree in the report configuration view.

Sharing

**Defect ID:** QCCR1J15995

**Problem:** Pin to baseline now takes the baseline's requirement test coverage into account.  
**Solution:** To enable, set system parameter "GET\_COVERAGE\_FROM\_BL\_FOR\_PINNED\_TESTSET" to Y.

Windows 2008 R2

Quality Center 10.00 patch 22 is now certified on Win Server 2008 R2. For installation instructions, make a support request.

Limitations

Offline Execution

**Limitation**: Offline execution does not work with Quality Center 10 and QTP11  
  
QC Sense  
**Defect ID:** QCCR1J15139  
**Limitation**: An error is displayed when simultaneously performing Export and Open operations.   
 **Defect ID:** QCCR1J15094

**Limitation**: For WebLogic - the error “Null pointer Exeption" returned in the BIRT Report Viewer while trying to get a Server Statistics report, and the reports with charts (Server general statistic, Workflow Statistics, Operation Flow,Server Threads - Aggregated Data) appear without charts.

Quality Center 10.00 Patch 21

Fixed Defects

**Defect ID:** QCCR1J14723  
**Problem:** Users can delete test set folders without the correct permissions.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14019  
**Problem:** Too many "Could not extract relative path" warnings in Quality Center logs affect server performance.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14826  
**Problem:** The"Test\_MoveTo" workflow event is not triggered when the Test Plan module is entered in grid view.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14179  
**Problem:** Parameter values are lost when copying design steps that call tests in version control enabled projects.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14725  
**Problem:** In the workflow script, it is not possible to handle "Requirement check out by double click" because no action is invoked.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14733  
**Problem:** In theManagement module, Quality tab graph titles are missing for some projects.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14769  
**Problem:** OTA API: Using BugFactory.AddItem("") instead of BugFactory.AddItem(Null) creates empty defects.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15052  
**Problem:** In a version control enabled project, when copying business process tests between Quality Center 10.00 projects, errors are displayed and the copied components are not displayed in the Test Script tab.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15011  
**Problem:** Req\_Fields.Field("RQ\_TARGET\_RCYC").Value in workflow cannot be used to retrieve actual assigned cycles.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15033  
**Problem:** The error“The command line argument is not valid. Verify the switch you are using." is displayed when attempting to open Microsoft Outlook attachments from Quality Center 10.00.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15118

**Problem:** When generating a report that is too large to open, an out of memory error is displayed.  
**Solution:** The problem is fixed with improved error messaging during report generation.   
**Limitation:** None

**Defect ID:** QCCR1J15150  
**Problem:** Anerror is displayed while working with graphs in Quality Center when closing a minimized dialog box from the Analysis or Dashboard module.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15126  
**Problem:** If a group’s users have permission to edit comments for requirements, the users mistakenly also have permission to move requirements between folders.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15142  
**Problem:** When sorting on the "# of Days Open" field, a string sort is performed even though this field is numeric.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15212  
**Problem:** Alerts are triggered when updating requirements using the Microsoft Excel Add-in.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15315  
**Problem:** An error is displayed when trying to set up mail over SSL/TLS.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J15354  
**Problem:** Quality Center fails when running the verification process on a project linked to a template project (cross-project customization).  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13339  
**Problem:** The error message “Failed to create the project” is displayed when creating a project by importing data from an existing project.  
**Solution:** Add the site parameter ORACLE\_RAC\_SUPPORT = Y.   
**Limitation:** None

Enhancements

None

Limitations  
 **Defect ID:** QCCR1J15329  
**Problem:** Auto-refresh does not work when changes are made by workflow scripts.

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Fixed Defects

**Defect ID:** QCCR1J13583  
**Problem**: Run\_CanPost does displays initial instead of current RunStatus  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13883  
**Problem:** When you edit a design step, and then scroll to the top using a mouse wheel, the modified content will be visible in the description field of the first step.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13332  
**Problem:** The IE stuck when a user opens the rich text tab of a Requirement and maximizes the window.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13964  
**Problem:** If user tries to select Username from user list which is required, error message "Required field cannot be empty or SPACE filled." will always appear. Username has to be typed manually or selected in a different view.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14698  
**Problem:** Under High Contrast Black, the screen appears to be half working correctly. The areas of the screen that contain advisory text are not displaced correctly.  
**Solution:** The problem is fixed.   
**Note:** The fixed was done for:   
1) Error message - OK, white text on light red background  
2) Confirmation - Yes/No, white text on light grey background  
3) Information - OK, white text on light grey background

4) OTA Error message - OK, white text on light red background

**Defect ID:** QCCR1J13860  
**Problem:** IE and QC Explorer crashes when updating a run step  
**Solution**: The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13957  
**Problem:** When a user changes the description of one attachment and click to another attachment, there is no msgbox before posting the attachment.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13994  
**Problem:** Incorrect error message when duplicating a Req Coverage, there should be a message for "Duplicate requirement."  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14361  
**Problem:** When inserting a call to a test in a manual test, the Called Test Parameters are not sorted.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14363  
**Problem:** Parameters when a test is assigned to a test set it shows the parameter list to enter values, the parameters should be ordered alphabetically.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14383  
**Problem:** Replace function does not work on Defects for masked Fields  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14464  
**Problem:**  Adding an attachment followed by an Add Comment makes read-only fields writable.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14489  
**Problem:**  Required fields become hidden after populating (adding a value inside) in 'Required Defect Fields' Dialog  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14568  
**Problem:**  In the Test Lab module, Workflow scripts do not return selected instance's ID after viewing the details of that test instance in the Execution Grid  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14722  
**Problem:**  When editing Defects in the grid "Cancel All Changes" overrules workflow field settings  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14738  
**Problem:**  Unable to run the selected number of iterations of an automated Business Process test with flow by using the Select group iteration options from Test Plan in Quality Center.   
The test when runs keep running the first component multiple times.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13722  
**Problem:** Microsoft Office 2007 support was provided for exporting from data from grid view and reports operations to Excel and Word.  
**Solution:** The problem is fixed.   
**Limitation:** None

Enhancements

**Defect ID:** QCCR1J13872  
**Problem**: Unable to generate QC Sense reports on Web logic App server deployment  
**Limitation:** "Null pointer Exception" returned in QC Sense Report Viewer while trying to get Server Statistics report And Operation Flow report type.

**Defect ID:** QCCR1J12765   
**Problem:**  QC Connectivity Helper - .NET component introduced in ALM-11 that used with external testing tools to provide ability of working with OTA in isolated environment. QCCH could work both with QC10 and QC11 servers.

Limitations

Quality Center 10.00 Patch 19

Fixed Defects

Site Admin

**Defect ID:** QCCR1J12166  
**Problem:** After deleting users in the Site Administration Site Users tab, the Delete Users button is disabled until another user is selected, or until the display is refreshed.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14518  
**Problem:** Enabling the AUTO\_LOGOUT\_ON\_SERVER\_DISCONNECT site parameter causes Quality Center to freeze.  
**Solution:** The problem is fixed.   
**Limitation:** None

Requirement

**Defect ID:** QCCR1J13877  
**Problem:** Adding a requirement named 'New Requirement' can cause problems when adding requirements via API.  
**Solution:** The problem is fixed.   
**Limitation:** None

Excel Add-in

**Defect ID:** QCCR1J14283  
**Problem:** When you export an Excel report definition to an XML file, the Excel report description is not included.  
**Solution:** The problem is fixed.   
**Limitation:** None

Test Lab

**Defect ID:** QCCR1J14112/ QCCR1J14113  
**Problem:** In the Test Lab module, when adding tests to a test set, if you create a cross-filter of requirements by covered tests, the wrong number of tests in the filter is displayed.  **Solution:** The problem is fixed.   
**Limitation:** None

Customization

**Defect ID:** QCCR1J13319  
**Problem:** If a user from a user group that is denied all delete permissions clicks the New Test button, and then clicks Cancel on the New Test dialog box, an irrelevant error message displays: "You do not have the required permissions to execute this action".  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J14488 **Problem**: If you link a project upgraded from Quality Center 9.0 or earlier to a template project, when you apply the customization, a “Failed to enforce policy” error occurs.   
**Solution:** The problem is fixed.   
**Limitation:** None

Search

**Defect ID:** QCCR1J13336  
**Problem:** Clicking on a record displayed in the text search results pane triggers a "MoveTo" event. This occurs in the Requirements, Test Plan, and Defect modules.  
**Solution:** The problem is fixed.   
**Limitation:** None

Graph

**Defect ID:** QCCR1J13814  
**Problem:** In projects upgraded from Quality Center 9.2 to 10.00, when viewing graphs, the following error occurs: "Must specify valid information for parsing in the string."  
**Solution:** The problem is fixed.   
**Limitation:** None

I18N

**Defect ID:** QCCR1J13843  
**Problem:** Certain keyboard combinations using the AltGr key do not produce special characters on the Finnish keyboard layout.  
**Solution:** The problem is fixed.   
**Limitation:** None

Defects

**Defect ID:** QCCR1J14790  
**Problem**: Defect ID numbers randomly increase by increments of 100, or IDs are not added in sequential order when Quality Center is deployed on a cluster.  
**Solution:** The problem is fixed.  
**Limitation:** In legacy projects, the problem may recur just after restart.

Enhancements

Session Reconnect

When your Quality Center session is inactive for a period of time, the session expires. Previously, this required you to log out and log in again, which includes reloading project customization.

Now, when your session expires, you are prompted to reconnect. If the project administrator has not made any significant changes to the project customization, the customization does not reload, enabling you to reconnect quickly and continue working where you left off.

For more information on Session Reconnect, see HP Software Self-solve knowledge base article KM1031602 <http://support.openview.hp.com/selfsolve/document/KM1031602>

Hierarchical view improvements

There were several changes in the Go To Entity algorithm in the Requirements and Test Lab modules that improves performance of the first module loading and Go To operation. Improvements consist in the reducing of the round-trips to the server when we build the tree of entities.

Parallel QTP Execution

You can now choose to run QuickTest Professional multiple tests simultaneously, optimizing the execution of multiple QuickTest Professional tests.

For more information on Parallel QTP Execution, see HP Software Self-solve knowledge base article KM1031602

<http://support.openview.hp.com/selfsolve/document/KM1031589>

QC Sense

Site administrators can now utilize usage and performance data to analyze Quality Center performance behaviors from the user perspective. For example, you can look at the time it takes from the user's click of a button until the desired response is received.

QC Sense collects data on user actions performed in the Quality Center user interface, and monitors all client and server activity resulting from those actions. You can examine a single user activity and its resulting server and database activities, as well as comparing average system response analyzed by user action, server transaction and many other parameters.

For more information on QC Sense, see HP Software Self-solve knowledge base article KM1030078 <http://support.openview.hp.com/selfsolve/document/KM1030078>

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Fixed Defects

Log-in

**Defect ID:** QCCR1J13280, QCCR1J 23541  
**Problem:** Login names in the Forgot Password dialog box are case-sensitive. **Solution:** The problem is fixed.   
**Limitation:** None

VAPI-XP

**Defect ID:** QCCR1J13371  
**Problem:** If a VAPI-XP test is interrupted by a message box, it is impossible to resume the test run. **Solution:** The problem is fixed.   
**Limitation:** None

QuickTest / BPT

**Defect ID:** 233544   
**Problem:** When running a Business Test and QuickTest Professional Test concurrently on separate instances of Automatic Runner, Automatic Runner attempts to execute both tests on the same remote machine, causing both tests to fail.  
**Solution:** The problem is fixed.   
**Limitation:** The QuickTest should be installed with QTP\_00626 release update + QTP\_00677 patch.  
**Note:** This is the final fix to the one was introduced in patch 16.

Test Plan

**Defect ID:** QCCR1J13445  
**Problem:** When creating a filter of tests for a report section, the test subjects in the test plan tree are not in the same order as in the Test Plan module.  
**Solution:** The problem is fixed.   
**Limitation:** None

Tree

**Defect ID:** QCCR1J13449  
**Problem:** Searching for an item in a hierarchical list using the find box returns unexpected results. **Solution:** the result is always the first element  
**Limitation:** "F3 does not work for "Management" and "Test Resources" as it was before.  
**Workaround**: searching through all elements available by pushing button "F3

OTA

**Defect ID:** QCCR1J13622  
**Problem:** Assigning a cycle to a requirement via OTA results in an Access Violation error.   
**Solution:** The problem is fixed.   
**Limitation:** None

Attachments

**Defect ID:** QCCR1J13631  
**Problem:** Attempting to upload an attachment when the attachment was not downloaded to the local machine causes an error.  
**Solution:** The problem is fixed. The Upload button is enabled only if the attachment was downloaded.  
**Limitation:** None

I18N

**Defect ID:** QCCR1J13785  
**Problem:** When saving (After converted doc (RTF to HTML) to Quality Center, the first single-byte character following a double-byte Kanji character is deleted. **Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13278  
**Problem:** The <Alt> + <L> keyboard combination logs users out of Quality Center.  
**Solution:** The problem is fixed.   
The shortcut for logging out is changed to “<Ctrl> + <Shift> + <L>”, replacing “<Right-Alt> + <L>”.

**Limitation:** None

Grid

**Defect ID:** QCCR1J13794  
**Problem:** When entering a value other than "VERIFIED" in a grid view filter, a general error displays.  
**Solution:** The problem is fixed.   
**Limitation:** None

Dashboard

**Defect ID:** QCCR1J14193  
**Problem:** Occasionally, the Release Coverage Progress graph does not generate.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13604  
**Problem:** You cannot create a sub-report including run steps, if a required user field is defined for the TestSet entity.  
**Solution:** The problem is fixed.   
**Limitation:** None

Workflow

**Defect ID:** QCCR1J13879  
**Problem:** The Run.CancelRun method may not function properly. **Solution:** The problem is fixed.   
**Limitation:** None

Customization

**Defect ID:** QCCR1J13880  
**Problem:** In the Transition Rules box, only two rules are visible at a time.  
**Solution:** The problem is fixed.   
**Limitation:** None

BPT

**Defect ID:** QCCR1J13981  
**Problem:** Validating components that belong to many different tests causes a client-side out-of-memory error. **Solution:** The problem is fixed.   
**Limitation:** None

BPT Service Test

**Defect ID:** QCCR1J14366  
**Problem:** BPT components created from Service Test are not executed correctly when run from Quality Center. **Solution:** The problem is fixed.   
**Limitation:** only with ST 9.53 + TBD (for more information please ask support)

Enhancements

Windows 7 64- bit

Windows 7 64-bit is now certified for Quality Center 10.00.

The following section describes how to prepare and configure Windows 7 for client-side installation. The following section is also applicable for Vista clients.

**Note:** There is a major difference between usage and installation. Installation should **always** be performed with administrator privileges. However, logging in as an administrator does not provide administrator rights. For both installation methods – browser or MSI – you must specify that the installation is to be run as administrator. More details are provided below.

**To work with Windows 7 64-bit:**

1. **Prerequisites.** The following must be installed prior to Quality Center 10.00 client installation:
   1. Microsoft Installer version 3 or later
   2. Microsoft .Net Framework 3.5 SP1 or later
   3. Microsoft Visual C++ 2005 SP1 and higher
   4. CAPICOM 2.1.0.2.
   5. For rich content and Document Generator: MS Office 2003 or 2007 (preferable due to DEP issue)
   6. For Document Generator: MS XML 3.0
2. **Uninstall previous versions**:
   1. Previous installations of Quality Center must be completely removed, including unregistering and deleting all modules.
   2. **If the previous version was installed with MSI (Quality Center client side)**: Uninstall using the MSI installer. Make sure to also remove the spider.
   3. **If the previous version was installed using the browser (i.e. Spider)**: You must unregister (regsvr32.exe -u) all components and spider, for example, from “Program Files\Common Files\Mercury Interactive\Quality Center”.
   4. Quality Center Client Installation:
      1. Quality Center Client Side (i.e. MSI) installation: The MSI installation should be initiated from a command line prompt, run as an administrator.
      2. Internet Explorer installation (i.e. Spider): The installation should be initiated from Internet Explorer, run as an administrator.
      3. Quality Center 10.00 should **not** be installed using elevation.

**Note:** If the installation is initiated from an IE/Command Line Prompt and not run as administrator, the following may occur: Quality Center will keep retrying to download components, and report failings in either downloading the components, opening downloaded files, or registering components.

1. **Installation Procedure**: You can install using client-side installation, Internet Explorer or Quality Center Explorer.

**Quality Center 10.00 Client Side installation:**

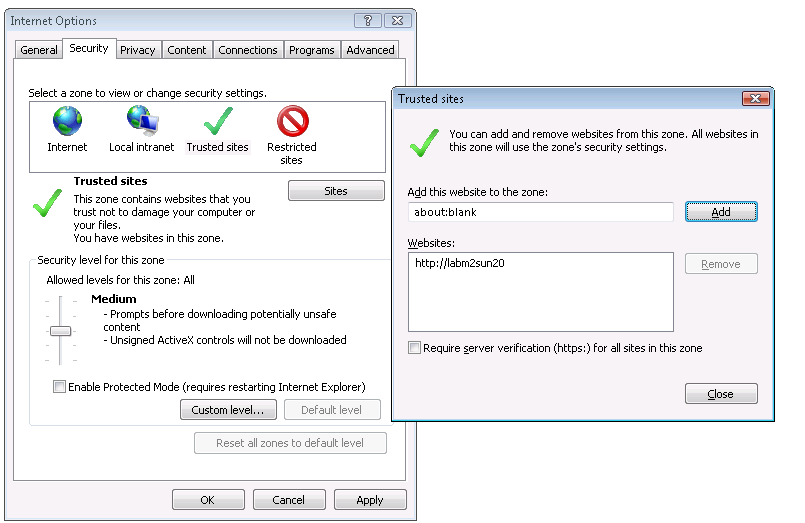
1. Login to the Windows 7 or Vista machine as either an Administrator or as a standard user.
2. Obtain and save a copy of QCClient.MSI in a temporary folder.
3. Run an administrator Command Prompt shell (i.e. CMD.exe): **(Note: Without explicitly running the command prompt as admin, the installation will fail.)**
   1. For an interactive user: Choose **Start** > **Programs** > **Command Prompt**, right-click and choose **Run as Administrator**.
   2. If an elevation prompt window opens, provide credentials (i.e. User Name and Password of an Administrator user) if needed, or click ‘Continue’.
4. In the command prompt window, navigate to the temporary folder where the QCClient.MSI file had been previously saved (**3.1.b**).
5. Run QCClient.MSI from that command prompt.
6. Follow the Quality Center 10.00 installation wizard instructions.

**Quality Center 10.00 Internet Explorer Installation:**

1. Run Internet Explorer by right clicking the IE icon, and choosing ‘run as an Administrator’ (**see also: step 3.1.c above as an example**). If requested, provide credentials.
2. Browse to the Quality Center Server URL. Quality Center downloads and installs automatically.

**Quality Center Explorer Installation:**

1. Save a copy of QCExplorerAddIn.exe in a temporary folder, or download it to a temporary folder from a Quality Center Server site.
2. Run an administrator Command Prompt shell (**see item 3.1.c**).
3. Switch off DEP (Data Execution Prevention. For details, refer to the following link: <http://en.wikipedia.org/wiki/Data_Execution_Prevention>):
   1. On the administrator command prompt – execute:   
      bcdedit /set {current} nx AlwaysOff
   2. Restart the machine
4. Validate DEP is switched off by executing bcdedit.exe on an administrator Command Prompt. The ‘**nx**’ property value should be **AlwaysOff**.
5. In the Administrator Command Prompt, navigate to the folder where QCExplorerAddIn.**exe** is located, and run it.
6. Follow the installation instructions.
7. After the Quality Center Explorer Add-in installation is completed, the DEP level can be restored to its previous level.  
   For example, if the previous DEP level was OptIn, run the following command in the Administrator Command Prompt:  
   bcdedit /set {current} nx OptIn
8. **Running** **Quality Center 10.00:**
   1. For a **standard user** (i.e. non-admin user) running Internet Explorer, the Quality Center server site URL must be added to the Trusted Sites security zone. Protected Mode for that zone must be disabled (this is the default for that zone).
      1. Open Internet Options > Security Tab. Add the Quality Center server site to the Trusted Sites security zone.
      2. Disable (uncheck) Protected Mode for the Trusted Site security zone.

****

* 1. A fully privileged user, i.e. an Administrator user, can run Quality Center 10.00 client with either Internet Explorer, or QCExplorer.
  2. **Note:** If an administrator user fails to run Quality Center after a successful installation, it might mean that UAC (User Account Control) is switched off. (See link <http://en.wikipedia.org/wiki/User_Account_Control> for details). When UAC is disabled, Administrator users’ access to the Temp folder is blocked. In this case, a blank IE window opens after navigating to the Quality Center URL.

1. **Notes**:

MSI and Spider installation should never be used on the same Vista machine.  
When re-installing a Quality Center client of the other type (i.e. MSI/Spider) on a machine with Quality Center, the previous installation must be completely removed, and all existing modules must be unregistered and deleted before re-installing. (Common symptoms include: Quality Center window hanging or blank before login, Quality Center hanging while trying to open the VAPI-XP Test Script tab, repeated attempts at downloading, and others).

Deletion of the client side components is not sufficient. Components must be unregistered.

* Regular (COM) components should be unregistered using Regsvr32 /u
* For .NET components use Regasm /u
* Remove spider:

In Internet Options > Programs > manage add-ons, delete Loader class v5, or any Loader Class v\*

In some cases, Vista might keep copies of components in places the user is not aware of. If there are problems after installation and uninstalling is not helpful, search for all Quality Center components on the client machine (File System and Registry). Remove all Quality Center related components.

1. **Limitations:**

**Defect ID**: QCCR1J14236  
Corrupted UI when minimizing or maximizing the QC Explorer window

**Defect ID:** QCCR1J14141  
Failed to run LR11-Scenario from QC10 side Test Lab

**Defect ID:** QCCR1J14467   
WR, Gossip and ST do not support Win7x64.

**Defect ID: QCCR1J15251**

Impossible to open QTP test in QTP and appear error while saving test to QC (QTP10 & QC11)

**Defect ID:** QCCR1J15260

String of find dialog in excel report is invisible

Limitations

**Defect ID:** QCCR1J14284  
**Limitation:** Focus moved to the "Subject" root folder while using "Go To" when the Test Set is places on 4th level of tree. **Defect ID:** QCCR1J14542 QCCR1J14557 QCCR1J14561 QCCR1J14556  
**Limitation**: When STM 10.5 extensions are enable the STM functionality is not functions. **Defect ID:** QCCR1J14637  
**Limitation:** Service Test doesn't run from Test Lab QC10p18 when logged as not local admin but with admin rights on Win7x64

Quality Center 10.00 Patch 17

Fixed Defects

Dashboard

**Defect ID:** QCCR1J11707  
**Problem:** When viewing the data grid after generating an age graph with the graph wizard, an error occurs: "An Item with the same key has already been added.” **Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J13220

**Problem:** In pie graphs, percentage details are displayed only when moving the cursor over graph areas.  
**Solution:** The problem is fixed.   
**Limitation:** None

Versioning

**Defect ID:** QCCR1J12695   
**Problem:** VC Fields are missing in Requirements report using Document Generator in Full Page Layout **Solution:** The problem is fixed.   
**Limitation:** None

Test Set

**Defect ID:** QCCR1J12720   
**Problem:** Create a new defect from a Manual Runner, the defect show up without the description template and the test subject added to the defect description field  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12741   
 **Problem:** VapiXP script is not shown in Test Plan when the test is checked out  
 **Solution:** The problem is fixed.   
 **Limitation:** None

**Defect ID:** QCCR1J12794 QCCR1J12943   
**Problem:** Using the "Go to “in the Test Lab, result in Error message(s): "Test not found under current Filter Settings"  **Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCIM1J14573  
**Problem:** IDs skipping 100 numbers jumping randomly or ids are not in sequential order when working on QC server nodes (load balancer). **Solution:** the problem is fixed.  
**Limitation:** There could be another jump of 100 Ids just after restart in old projects.  
**Note:** QC server should be restarted after installing the new patch build 2409.

OTA

**Defect ID:** QCCR1J12918   
 **Problem:** The OTA API SendMail method does not send the attachments. **Solution:** The problem is fixed.   
 **Limitation:** None

**Defect ID:** QCCR1J13266   
**Problem:** QCUtil.CurrentTestSet returning incorrect test set **Solution:** The problem is fixed.   
**Limitation:** None

Requirements

**Defect ID:** QCCR1J12920   
 **Problem:** "Convert lowest child requirements to tests" bypasses the mandatory fields required for a test.  
 **Solution:** The problem is fixed.   
 **Limitation:** None

Workflow

**Defect ID:** QCCR1J12958   
 **Problem:** The button that checks an item out in the History tab fires no workflow event **Solution:** The problem is fixed.   
 **Limitation:** None

Performance

**Defect ID:** QCCR1J13085   
 **Problem:** When moving between modules take long time **Solution:** The problem is fixed and reduce the time.   
 **Limitation:** None

Tools

**Defect ID:** QCCR1J13149 **Problem:** Menu item **Tools 🡪 Clear History** can be used without permissions **Solution:** The problem is fixed.   
 **Limitation:** None

Customization

**Defect ID:** QCCR1J13161 **Problem: 1)** Create a new user’s group **2)** Delete without saving **3)** Create another new group  
 causes a corruption to the SYSTEM\_FIELD table.  
 **Solution:** The problem is fixed.   
 **Limitation:** None

Enhancements

**Defect ID:** QCCR1J13217 **Problem:** HPSR for QC 10.0 movie player is now upgradable for ALM 11.0 player.

**Defect ID:** QCCR1J12700   
**Problem:** Ability to change QC logo with custom branding (customer logo)

Limitations

None

Quality Center 10.00 Patch 16

Fixed Defects

Customization

**Defect ID:** QCCR1J12595

**Problem:** The **Verify value** option in lookup lists does not work consistently with values that contain spaces.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12679

**Problem:** In the Defect Details dialog box, the field layout is not refreshed properly if the field order relies on a dynamic list.

**Solution:** The problem is fixed.   
**Limitation:** None

Versioning

**Defect ID:** QCCR1J12697

**Problem:** Synchronization fails between baselines of versioned projects.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12480

**Problem:** Tests remain versioned after disabling the project Version Control on project. Tests are checked out, but the lock icon is absent.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12717

**Problem:** In version control enabled projects, operations on entity trees, such as copy/delete/expand, take a long time.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12672

**Problem:** Saving achangefornon-versioned fields take longer than versioned fields.

**Solution:** The problem is fixed.   
**Limitation:** None

Business Process Testing

**Defect ID:** QCCR1J12645

**Problem:** Business test parameters are selected incorrectly in the default columns for imported or exported parameters.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12644

**Problem:** Flow parameters are not listed in order of their appearance in the script.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 233544

**Problem:** When running a Business Test and a QuickTest Professional Test concurrently using separate Automatic Runner instances, Automatic Runner attempts to execute both tests on the same remote machine, causing both tests to fail.

**Solution:** The problem is fixed.   
**Limitation:** None

Service Test

**Defect ID:** 95518  
**Problem:** Error message “Invalid variant operation “while selecting Test Instance - > configuration -> Automated tab  
**Solution:** The problem is fixed.   
**Limitation:** None

I18N

**Defect ID:** 235056  
**Problem:** In the Users List dialog box, you cannot type more than one Korean character in the **Find** box.  
**Solution:** The problem is fixed.   
**Limitation:** None

Enhancements

Databases

Oracle 10.2.0.4 and Oracle 11 R2 are now supported

**To enable none GA released databases:**

To create new project:

Add parameter in SA: ALLOW\_NON\_SUPPORTED\_DB\_VERSION=Y

To upgrade project:

Comment line: (<!-- ENTRY VALUE="com.mercury.qc.dbverify.tasks.DBSupportedCheckTask" -->) inside 2 files:

*C:\Program Files (x86)\HP\Quality Center\repository\sa\DomsInfo\MaintenanceData\conf\ verify\_tasks\_deep.xml* and *verify\_tasks\_basic.xml*

To install QC:

Runs installation with parameter:  setup.exe -W *dbValidatorSequence.active=false*

JDBC

JDBC 4.1 is now certified

VMWare

VMWare ESX 4.0 is now supported

Limitations

**Defect ID:** 231534

**Limitation:** Projects that are upgraded from previous versions grant groups full permissions to new Quality Center 10.00 modules.

**Note:** The current patch rolls back a fix that was included in Patch 11.

**Defect ID:** QCCR1J12681

**Problem:** Defining a filter on a multi value field using the "Or" condition results in the following error: “Failed to Get Req Value”.

**Solution:** The problem is caused by the Oracle 11 database server. A support ticket was opened with Oracle.  
**Limitation:** None

Quality Center 10.00 Patch 15

Fixed Defects

Analysis

**Defect ID:** QCCR1J12272

**Problem:** A Defect Progress graph including data from two projects may display inaccurate results due to date values.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12481

**Problem:**. When drilling down to graph data, if the dialog box is closed or minimized, the following error may occur: "SplitterDistance must be between PanelMinSize and Width-Panel2MinSize”.   
**Solution:** The problem is fixed.   
**Limitation:** None

Excel reports

**Defect ID:** QCCR1J12074

**Problem:** Usage of parameters in Excel reports did not conform to prepared statements.

The following describes Excel Reports SQL Writing Rules. These rules derive from Quality Center 10.00 changes, where the former literal SQL is replaced by prepared statements.

1. Parameters can be used as possible column values only (WHERE part).
2. Parameter can be used for a single value only (and not as a list of possible values).
3. Parameter cannot be used for multiple values substitution.  
   For example:   
   This following SQL statement is incorrect:  
   *Select \* from BUG where BG\_BUG\_ID in (@p@), p=1,2,3*  
     
   The correct form is:  
   *Select \* from BUG where BG\_BUG\_ID in (@p1@, @p2@, @p3@,), p1=1, p2=2, p3=3*
4. Parameters cannot be used as table aliases (AS usage).
5. Neither parameters nor parameter values can be enclosed by quotes: parameter type resolving occurs on prepared statement compilation.
6. Parameters cannot be part of another string.   
   For example, instead of:   
   *Select \* from bug where bg\_priority like ‘%@p@%’, p=Low.*  
   write:   
   *Select \* from bug where bg\_priority like @p@, p=%Low%.*  
     
   Alternatively use db type dependent concatenation (‘%’ + @p@ + ‘%’ (sql) or ‘%’ || @p@ || ‘%’ (oracle) where p=Low).
7. Do not use special characters (non-word characters) in parameter names.
8. The ‘?’ character in SQL text should not be used.  
   Instead, concatenate chr(63) in Oracle and char(63) in SQL to the rest of the SQL statement text.
9. Do not use the ‘//’ combination in SQL. This combination is used for comments mark.  
   For example:  
   *Select 'td://actions\_upgrade.alexk.localhost:8080/qcbin/AnalysisModule-00000002220154988?EntityType=IAnalysisItem&EntityID=' + AI\_ID From Analysis\_Items*  
     
   To resolve the problem, use string concatenation:  
   MSSQL:  
   *Select 'td:/' + '/actions\_upgrade.alexk.localhost:8080/qcbin/AnalysisModule-00000002220154988?EntityType=IAnalysisItem&EntityID=' + AI\_ID From Analysis\_Items*  
   Oracle:  
   *Select 'td:/' || '/actions\_upgrade.alexk.localhost:8080/qcbin/AnalysisModule-00000002220154988?EntityType=IAnalysisItem&EntityID=' + AI\_ID From Analysis\_Items*

Double quotes discovering SQL statements.

Use the following SQL statements from SQL tool or in Site Admin in order find all Excel reports with ‘double quotes’ problem.

**MSSQL:**SELECT AI\_ID, AI\_NAME, AI\_FILTER\_DATA, 'td://**[project\_name]**.**[domain\_name]**.**[server\_name]**:**[port]**/qcbin/[AnyModule]?EntityType=IAnalysisItem&EntityID=' + cast(AI\_ID as varchar) AS Excel\_Report\_URL  
FROM ANALYSIS\_ITEMS   
WHERE (  
 (AI\_FILTER\_DATA LIKE '%''@%' AND AI\_FILTER\_DATA LIKE '%DefaultValue="''%')  
 OR  
 AI\_FILTER\_DATA LIKE '%''''@%'  
 OR  
 AI\_FILTER\_DATA LIKE '%DefaultValue="''''%'  
)  
AND  
AI\_TYPE = 'ExcelReport'

**ORACLE:**SELECT AI\_ID, AI\_NAME, AI\_FILTER\_DATA, 'td://**[project\_name]**.**[domain\_name]**.**[server\_name]**:**[port]**/qcbin/[AnyModule]?EntityType=IAnalysisItem&EntityID=' || AI\_ID AS Excel\_Report\_URLFROM ANALYSIS\_ITEMS WHERE( (AI\_FILTER\_DATA LIKE ‘%''@%' AND AI\_FILTER\_DATA LIKE '%DefaultValue="''%') OR AI\_FILTER\_DATA LIKE '%''''@%' OR AI\_FILTER\_DATA LIKE '%DefaultValue="''''%')

Where:  
**[project\_name]** – project name the sql executed on  
**[domain\_name]** – domain name the mentioned project belongs to  
**[server\_name]** – qc server name  
**[port]** – server port

**Limitation:** parameters cannot be located inside a comment block or line.

QuickTest Professional

**Defect ID:** QCCR1J12475

**Problem:**. When trying to drill down in a cross-project Summary graph the following error displays: "Following Client components were not downloaded successfully: Plugin.cab [error32]. The process cannot access the file because it is being used by another process...".

**Solution:** The problem is fixed. Note that this problem stems from the QuickTest Professional integration, and may impact other areas of the application. The QuickTest Professional Add-in downloads client-side components that override components previously updated by Quality Center patches.   
**Limitation:** None

**Defect ID:** 235821

**Problem:**. "Catastrophic Failure" may occur when running QuickTest Professional tests.   
**Solution:** The problem is fixed.   
**Limitation:** None

Test Plan

**Defect ID:** QCCR1J12528

**Problem:**.

* During test creation, if you switch the test plan view, click the Design Steps tab, or other areas that retrieve the test types list, the browser may crash.
* The New Test dialog box may open slowly.

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12289

**Problem:**. If a requirement covers a test, and the requirement is assigned to a target release and target cycle, the **Target Release** and **Target Cycle** fields are not populated in the Test Plan Requirement Coverage tab.

**Solution:** The problem is fixed.   
**Limitation:** None

Performance

**Defect ID:** QCCR1J12389

**Problem:** Scrolling in the defects grid may be slow.  
**Solution:** The problem is fixed. The fix introduces new infrastructure improvements, and therefore has a positive effect on other Quality Center grids.   
**Limitation:** None

**Defect ID:** QCCR1J12325

**Problem:** Login might be slow.

**Solution:** The problem is fixed by using a special parameter:.

- Login to project using connection URL: http://<qc server>:<port>/qcbin/start\_a.htm.

- After client download is complete use subsequent connection using new parameter: http://<qc server>:<port>/qcbin/start\_a.htm?hostonly=true

Upgrade

**Defect ID:** QCCR1J12181

**Problem:**. After upgrading from Quality Center 9.0 or 9.2, changes made to analysis folders, such as moving folders, may have unexpected results in folder name and location.  
**Solution:** The problem is fixed.   
**Limitation:** This fix does not apply to folders that are already misplaced. For such folders, you can make manual changes after applying the patch.

**Defect ID:** 232815   
**Problem:**. When synchronizing baselines in Quality Center 10.00 between projects that have been upgraded from previous Quality Center versions, an error may occur.

**Solution:** The problem is fixed.   
**Limitation:** You must run the **Repair Project** command in Site Administration.

Workflow

**Defect ID:** QCCR1J12190

**Problem:** When using replace in the Requirements module, the **FieldCanChange** and **FieldChange** events are only called in the grid view.

**Solution:** The problem is fixed. When using replace in the Requirements module the **FieldCanChange**, **FieldChange**, **CanPost** and **AfterPost** events are called in both tree and grid views.

**Limitation:** None

API

**Defect ID:** QCCR1J12311

**Problem:**. When upgrading a Quality Center project using the Site Administration API **UpgradeProject** call, the upgrade fails and ends with the exception "java.lang.NullPointerException".

**Solution:** The problem is fixed.   
**Limitation:** None

**Note:** To upgrade a project via API, it is advised to use the **Upgrade** and **ReadMaintenanceTaskProgress** methods instead.

LDAP

**Defect ID:** QCCR1J12321

**Problem:** A "Login failed" error occurs if the password contains the "!" character.  
**Solution:** The problem is fixed.   
**Limitation:** None

BPT

**Defect ID:** 232181

**Problem:** When adding or removing component parameters from a version control enabled project, parameter values may be empty.  
**Solution:** The problem is fixed.   
**Limitation:** None

Limitations

The following are updates to previously published limitations

Vista and Windows 7

|  |  |
| --- | --- |
| **Issue** | **Solution** |
| On machines with Hardware DEP enabled (OptIn level or higher), it is not possible to work with test scripts of QuickTest Professional or other testing tools from Quality Center. | Switch off DEP, or exclude the testing tool from DEP. |
| While working as standard users (non-administrator users) there may be operating system restrictions on saving files from Quality Center to file system folders. | Save the files to user folders, or assign the user appropriate permissions to access the folder. |
| While using the Microsoft Excel add-in, there may be field mapping problems. | Grant the user access permissions to C:\Program Files\Microsoft Office\Office12\XLSTART\TDaddin to allow saving the mapping files. |
| MSR Player is not DEP compliant. | Installing MSR Player is not DEP compliant. (You can run MSR Player can work under DEP.)  In order to install the MSR Player, DEP level must be either OptIn, AlwaysOff ,or OptOut with MSR Player exempted. |

Microsoft SQL Server 2008

MS SQL Server 2008 SP1 x64 is supported since Patch 12, with the following limitation:

* Defect 90276: There is no support for the following extensions: BPTEE, APM, CIT, EI and STM.

A workaround is provided for the limitation.

To enable extensions:

Comment the line

<!-- ENTRY VALUE="com.mercury.qc.dbverify.tasks.DBSupportedCheckTask" -->

In the following two files:

*<Quality Center installation path>\repository\sa\DomsInfo\MaintenanceData\conf\ verify\_tasks\_deep.xml* and *verify\_tasks\_basic.xml*

Quality Center 10.00 Patch 14

Fixed Defects

Management

**Defect ID:** QCCR1J11811  
**Problem:** When trying to expand a library node that contains more than 30 libraries, an error occurs: ‘Failed to Get Simple Key Entity’.

**Solution:** The problem is fixed.   
**Limitation:** None

Performance

**Defect ID:** QCCR1J12328  
**Problem:** Operations that involve retrieving tests where the test plan tree is of a considerable size, may take a long time to complete.   
Examples of affected operations: **Go To Test in Test Plan Tree**, **Go To Test In Test Set in Test Plan**, **Linked Defects**, **Linked Entities**, **Requirements Traceability**, **Test Coverage**, **Requirement Coverage**, or logging in to the **Test plan** module.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** **QCCR1J11851**

**Problem:** When working with very large User Defined lists, the performance might be slow.  
**Solution:** The problem is fixed.   
**Limitation:** None

Analysis

**Defect ID:** QCCR1J12173 / 94099

**Problem:** Graph legends are not sorted alphabetically.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J12143  
**Problem:** When running a report that includes a sub-report of **Linked Defects** or **Linked Entities** with sorting, an error may occur.

**Solution:** The problem is fixed.   
**Limitation:** The following fields are sorted by their ID and not their name:

Target Release,

Target Cycle

Plan: Change Status fields

**Defect ID:** 234425   
**Problem:** Quality Center may crash when running a **Current test set with failed test runs** report.  
**Solution:** The problem is fixed.   
**Limitation:** None

Document Generator

**Defect ID:** QCCR1J12159  
**Problem:** Whenordering by fields of Number and Date type, the results are not ordered as expected.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 230226   
**Problems:**

* When selecting a folder in **Test Plan** > **Subject Tree**, sub-folders are not selected.
* Sub-folders are not sorted in the **Test Plan** > **Subject Tree** report.
* Selecting and clearing tree items in Favorites does not work as expected.

**Solution:** The problems are fixed.   
**Limitation:** None

Find/Replace

**Defect ID:** QCCR1J11702  
**Problem:** When working in the grid views of the **Defects**, **Requirements**, **Test Plan** and **Business Components** modules, the **Replace** command replaces the next found item instead of the highlighted item.  
**Solution:** The problem is fixed.   
**Limitation:** None

Tools menu

**Defect ID:** 229643  
**Problem:** When changing projects using **Tools** > **Change Project** > **Select** an error may occur: "Object reference not set to an instance of an object”.  
**Solution:** The problem is fixed.   
**Limitation:** None

Fields

**Defect ID:** 235006  
**Problem:** Memo fields display internal metadata when working with SharePoint.  
**Solution:** The problem is fixed.   
**Limitation:** None

Quality Center 10.00 Patch 13

Fixed Defects

Test Plan

**Defect ID:** 235358   
**Problem:**. When working in the Design Steps tab, the browser may crash.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 234559  
**Problem:**. After rearranging test design steps, the new order may be lost after leaving the Design Steps tab.  
**Solution:** The problem is fixed.   
**Limitation:** None

Workflow

**Defect ID:** QCCR1J11732  
**Problem:**. When using the **CommonSettings** object via Workflow, the list of items is not refreshed until the user logs out and logs in again.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID**: 234359  
**Problem:**. The **Enable** and **Visible** properties may not work as expected.  
**Solution:** The problem is fixed.   
**Limitation:** All options are now working except the **Baselines** field.

**Defect ID:** 235243  
**Problem:**.The **MoveToFolder** event in Test Lab does not work as expected.   
**Solution:** The problem is fixed.   
**Limitation:** None

Customization

**Defect ID:** 235661  
**Problem:**. If a user group permission is set for **Business Components** with the **Can be deleted by owner only** option selected, the owner of a component and parameter cannot delete the parameter.  
**Solution:** The problem is fixed.   
**Limitation:** Note that the component owner is not the user who created the component, but the **Assigned to** user.

**Defect ID:** 234691  
**Problem:** Requirement type is missing from the data-hiding filter.   
**Solution:** The problem is fixed.   
**Limitation:** It is not possible to hide new requirement types immediately after creation. Doing so will cause defect QCCR1J12047 (Error message: "The specified type <new\_type> does not exist"). **Workaround:** Log out and log in again to the project.

**Defect ID:** 235015  
**Problem:**. When hiding tests from a user group by defining a data-hiding filter on any user-defined test field, tests are not hidden.   
**Solution:** The problem is fixed.   
**Limitation:** None

Analysis

**Defect ID:** QCCR1J11703  
**Problem:** After generating a defect age graph User might get error: "An Item with the same key has already been added" when selecting the grid view

**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 235332 **Problem:.** When using pie graph the percentage details are not displayed in the pie **Solution:** The problem is fixed. **Limitation:** None

**Defect ID:** 235384  
**Problem:** When generating a Summary graph for tests, if long test names are displayed along the x-axis, an error "Object reference not set to an instance of an object." may occur.   
**Solution:** The problem is fixed.   
**Limitation:** None

Requirements

**Defect ID:** 235322  
**Problem:** An error "Value out of range” may occur when trying to export a requirement grid using the **Export All** command.   
**Solution:** The problem is fixed.   
**Limitation:** If message **“Column limit exceeded. Reduce the number of columns to be exported in the Quality Center Grid”** displays, warning that the number of columns has passed the limit, reduce the number of columns and run the export command again.

**Defect ID:** 235009  
**Problem:** In grid view, changes to displayed columns are not saved.   
**Solution:** The problem is fixed.   
**Limitation:** None

Site Administration

**Defect ID:**  235495   
**Problem:**. The **AUTO\_MAIL\_SUBJECT\_FORMAT** parameter does not work as expected.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J12038  
**Problem:.** The **Site Configuration** > **Settings** > **Set Mail Protocol** command returns an error "Class TFlatCheckBox not found".  
**Solution:** The problem is fixed. **Limitation:** None

Audit

**Defect ID:** 235493  
**Problem:**. Custom audits that were added using the **AuditRecordFactory** object whose data began with the “CA\_” prefix, were removed from tables if their user-defined fields were removed from customization.  
**Solution:** The problem is fixed.   
**Limitation:** None

BPT

**Defect ID:** 232738  
**Problem:**. When BPTEE is enabled and a copy of the project is made, even if only customization is selected, RUN and STEP tables are copied as well.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 235021  
**Problem:**. Changing a Component parameter name might cause an error “Failed to Get Step Value”.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 234965   
**Problem:**. When viewing a component’s **Automation** tab in a version control enabled project, the component is locked for other users.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 233544  
**Problem:** Running multiple instances of QTP and BPT tests on the same remote host causes tests to fail.   
**Solution:** The problem is fixed.   
**Limitation:** You must install QTP patch QTP\_00677. Contact support to obtain the patch.

Test Lab

**Defect ID:** 235315  
**Problem:**. A corruption may occur when copying and pasting test set folders.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 234787  
**Problem:** If a user group does not have **Modify** permissions for the **Run**, **Description** and **Expected** fields, completed tests are wrongly assigned the **Not Completed** status.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 234964  
**Problem:**. Clicking the **Previous Test** or **Next Test** buttons in the **Test Instance Details** dialog box may produce an error "Cannot focus a disabled or invisible window".  
**Solution:** The problem is fixed.   
**Limitation:** None

Alerts

**Defect ID:** 235367  
**Problem:** The **Clear Alerts** command may produce an error “Failed to Delete Alerts By Filter”.  
**Solution:** The problem is fixed.   
**Limitation:** None

Document Generator

**Defect ID:** 235094   
**Problem:**. When sorting requirements according to the **REQ\_PARENT** field, the order in the Table of Contents does not reflect the order in the document.   
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 231712  
**Problem:** When generating a Requirements report using the **First Selected with Children** option, the generated report does not always include the selected requirement children**.   
Solution:** The problem is fixed. **Limitation:** None

Management

**Defect ID:** 235077  
**Problem:** When moving from a drop-down list field to another field, the drop-down arrow may disappear.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 235435  
**Problem:** When using Asset Sharing to synchronize baselines, an error "The Specified Requirement Type Does not exist" may occur.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 235075  
**Problem:**. It is not possible to clear a Users List field after a user has been selected.  
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** QCCR1J11714  
**Problem:** When synchronizing projects where a user-defined field was added to one of the projects, the operation fails and the library is corrupted.  
**Solution:** The problem is fixed. Fields that cannot be matched will be ignored as expected.  
**Limitation:** None

Replace All

**Defect ID:** 234676  
**Problem:**. When the **Replace All** command is run on the **Requirement Type** field, an access violation error may occur.   
**Solution:** The problem is fixed.   
**Limitation:** None

Version Control

**Defect ID:** 235468  
**Problem:** In the Test Grid view, "Warn Before Check out" in ‘Versions’ tab and "Don't show this again" check box in ‘Auto Check out’ dialog are disabled**.**

**Solution:** The problem is fixed.   
**Limitation:** None

Enhancements

**New parameter: DISABLE\_PASSWORD\_OTA\_ENCRYPTION**

**Possible values:** Y/N  
**Default value:** N  
**Description:** Enables users to use the unencrypted Password property from the TDConnection object in OTA. If set to ‘Y’ - the password property is not encrypted.

Dialogs

**Defect ID:** 226704  
**Problem:** The dialogs ‘Defect Details’ and ‘Manual Runner->Step Details’ now save the last position, size and height.

Quality Center 10.00 Patch 12

Fixed Defects

Requirements

**Defect ID:** 233620  
**Problem:** When using the option ‘Assign to Cycle’, there might be performance degradation.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 234891 / 86365  
**Problem:** In a version-controlled project, requirements covered by tests that have been deleted, display the “No Run” status instead of “Not Covered”.   
**Solution:** The problem is fixed.   
**Limitation:** None

**Defect ID:** 234515  
**Problem:** When rearranging columns in the Requirement Tree view, an access violation error may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 234678 / 88482  
**Problem:** Unable to sort requirements by “Target Release”.  
**Solution:** The problem is fixed. To sort by “Target Release”, consider the following example:

If **Requirement\_1** is assigned to **Release\_1**, **Release\_2**, and **Release\_3**   
If **Requirement\_2** is assigned to **Release\_1** and **Release\_3**  
If **Requirement\_3** is assigned to **Release\_3**    
  
There are two possible outcomes:

1) **Requirement\_1**, **Requirement\_2**, and **Requirement\_3**   
2) **Requirement\_2**, **Requirement\_1**, and **Requirement\_3**

**Limitations:**

* The sort considers only the first release of each requirement.
* The fix only applies to the Requirements Grid and the Requirements Tree.
* Fix is not applicable for the Document Generator, and the analysis reports of all modules except for the Requirements module. In Requirements module, the fix is not applicable for the ‘keep hierarchy’ analysis reports
* Depending on the database server in use, unassigned requirements may be placed in the beginning or end of the sort order.

**Defect ID:** 234693 / 88479  
**Problem:** This problem occurs when the Rich Text tab is displayed. Alerts are not visible in the requirements tree while scrolling the tree.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Version Control

**Defect ID:** 234548   
**Problem:** When checking or viewing history for tests that have been upgraded from Quality Center 9.2, an error “Failed to Get Versions Ex” may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 234482 / 82285  
**Problem:** The requirements tree may get corrupted.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Management - Libraries

**Defect ID:** 234581  
**Problem:** A library folder that contains libraries and baselines can be deleted.   
**Solution:** The problem is fixed. When attempting to delete a library folder that contains libraries, a warning message “A folder cannot be deleted if it has any existing libraries.” displays.

**Limitation:** None.

**Defect ID:** 233975 / 87563  
**Problem:** When importing baselines with test design steps, the step order ID might change unexpectedly.   
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 232355  
**Problem:** When comparing baselines using the Compare Baselines Tool, some values are reported as changed when in fact they were not modified.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 234924  
**Problem:** In Site Administration, when copying a project that contains baselines, the baselines are not meant to be copied. However, if the source project contains baselines with pinned test sets, the pinned test set data is copied along with the test sets.

**Solution:** The problem is fixed.  
**Limitation:** None.

Analysis

**Defect ID:** 234737  
**Problem:** When generating a **Report Selected** report on multiple test in a test sets or defects, if you click **Save** > **Current/All Page**, all the tests / defects in the project are saved into file.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233891  
**Problem:** When generating the **Tests with Design Steps** report from the **Test Plan** module, if you click **Save** > **All Pages**, design steps are not saved to file.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 233611  
**Problem:** When generating a Standard Defect Report or Tabular Report of defects, if you click **Save** > **All Pages**, the data filter is ignored.  
**Solution:** The problem is fixed.  
**Limitation:** None.

WinRunner

**Defect ID:** 234485  
**Problem:** Running a WinRunner test may result in a “Cannot open file” error.   
**Solution:** The problem is fixed. The **WinRunnerAutomated.xml** file should be replaced by the file provided with the patch. The file is located on the server machine in the following path: <repository>\sa\DomsInfo\Metadata\TEST\WinRunnerAutomated.xml  
**Limitation:** None.

BPT

**Defect ID:** 233521 / 88073  
**Problem:** If a business component is used by more than 1000 tests, an access violation error displays or the browser closes if “Used By” tab is opened .   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233690  
**Problem:** Users in the Viewer group are able to check-in and check-out Business Process Testing components  
**Solution:** The problem is fixed.  
**Limitation:** The same problem still occurs when using versioning from QTP test tool.

Mail

**Defect ID:** 233745  
**Problem:** When sending mail to a user name in Chinese, the name is corrupted   
**Solution:** The problem is fixed.  
**Limitation:** None.

Project and Portfolio Management Center (PPM)

**Defect ID:** 234594  
**Problem:** It is not possible to synchronize a Quality Center version control enabled project with PPM.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Customization (Groups)

**Defect ID:** 233161  
**Problem:** Users belonging to the “Viewer” group cannot view memo fields of a test set.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233323  
**Problem:** Users belonging to the “Viewer” group can check in and check out requirements.   
**Solution:** The problem is fixed. The user will not be able to take any action beyond viewing.  
**Limitation:** None.

**Defect ID:** 233594  
**Problem:** Opening the Cross Project Customization page may take a long time.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Customization (Fields)

**Defect ID:** 233577 / 87274.  
**Problem:** Even if user is granted permission to modify a design step UDF in the Test Plan module, the field becomes read only if user does not have Modify Run permissions in the Test Lab module.

**Solution:** The problem is fixed  
**Limitation:** None

Test Plan

**Defect ID:** 234410  
**Problem:** Occasionally, when exporting steps in the Design Steps tab, only some of the steps are exported.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232962  
**Problem:** When changing the size of the design steps **Description** column, and then clicking the **Adjust Row Height** button, the row height does adjust properly to the text, and a portion of the text might be hidden.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233749  
**Problem:** The **Expected Result** value may overwrite the value in the **Description** field.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233874  
**Problem:** User has selected a test in grid view and is switching from Grid view to tree view using Go to Test Plan Tree". The test from grid view is hidden in tree view by a filter. User has provided code in  Test\_FieldCanChange that prevents edits to any other tests but the test in grid view. When the switching is complete, Any test selected in tree view (which was selected by filter) shows that test as if it had edit permissions.

**Solution:** The problem is fixed.  
**Limitation:** None.

Defects

**Defect ID:** 234327  
**Problem:** After maximizing the Defect Details dialog box, changing the horizontal divider line upwards makes the defect’s details disappear.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** QCCR1J11756  
**Problem:** When trying to open a test step from a defect to which it is linked, the error "Item does not exist" displays.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Workflow

**Defect ID:** 233445  
**Problem:** It is impossible to write to a defect field using Bug\_FieldChange for a field that is not visible.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 234209  
**Problem:** When using the **act\_link\_test** action, an error may occur.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 234314  
**Problem:** The **Defects\_Attachment\_New** event is called twice.

**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233479  
**Problem:** The **TestSet\_CanDelete** event is called only once, even if the user selects multiple test sets.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233445  
**Problem:** It is not possible to write to a defect field using **Bug\_FieldChange** for a field that is not visible.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 235050 / 84374  
**Problem: HasAttachment** returns “False” when **Bug\_AfterPost** is called after a new defect is created with an attachment.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Lab

**Defect ID:** 234068  
**Problem**: Favorite views are not available in the Execution Grid.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233390  
**Problem:** When applying a filter with grouping, there may be an access violation when expanding a group or browsing between groups.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Releases

**Defect ID:** 232719  
**Problem:** Using the Quality Center Explorer add in, when you edit cycle fields that open pop-up windows, such as the date selector, an error “Can’t access the ‘Value” may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Excel reports

**Defect ID:** 233991  
**Problem:** Queries using parameters may fail.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Help

**Defect ID:** 233008  
**Problem:** The **Help** > **Knowledge Base** link in Site Administration does not work.  
**Solution:** The problem is fixed.  
**Limitation:** None.

XP

**Defect ID:** 234016  
**Problem:** When using an FDCC XP image, Quality Center does not run.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Enhancements

Windows 2003

Windows 2003 SP2 is supported for starter edition

New Test type

New ST (Service test) Test type is ready for future support.

JDBC 4.0

JDBC driver 4.0.027917 is now supported.

Microsoft SQL Server 2008

MS SQL Server 2008 SP1 x64 is now supported.

**To enable MS SQL Server 2008:**

To create new project:

Add parameter in SA: ALLOW\_NON\_SUPPORTED\_DB\_VERSION=Y

To upgrade project:

Comment line: (<!-- ENTRY VALUE="com.mercury.qc.dbverify.tasks.DBSupportedCheckTask" -->) inside 2 files:

*C:\Program Files (x86)\HP\Quality Center\repository\sa\DomsInfo\MaintenanceData\conf\ verify\_tasks\_deep.xml* and *verify\_tasks\_basic.xml*

To install QC:

Runs installation with parameter:  setup.exe -W *dbValidatorSequence.active=false*

**Limitations:**

* There is no support for the following extensions: BPTEE, APM, CIT, EI and STM.

Defect 90276: Sql2008EE: Cannot enable extension for project on 2008.

Windows 7

Windows 7 is now certified to work with Quality Center 10.00.

The following section describes how to prepare and configure Windows 7 for client side installation. The following section is also applicable for Vista clients.

**Note:** There is a major difference between usage and installation. Installation should **always** be performed with administrator rights. However, logging in as an administrator does not provide administrator rights. For both installation types - browser or MSI – you must specify that the installation is to be executed as administrator. More details are provided later in this readme.

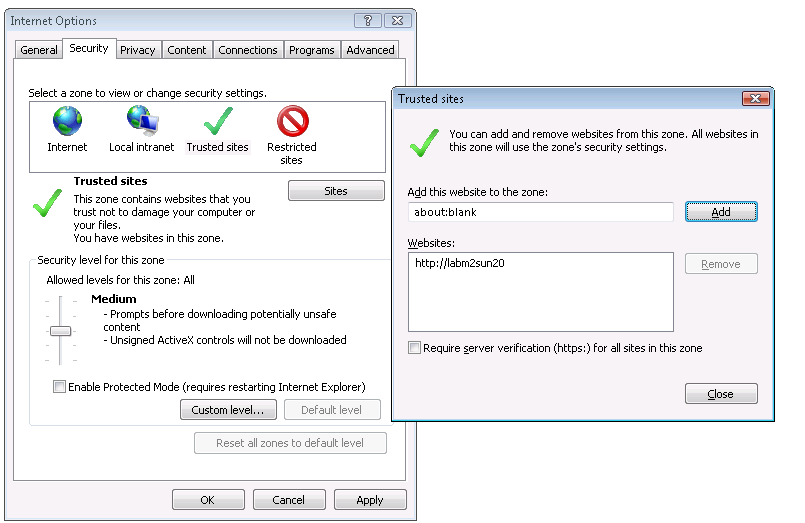
**To work with Windows 7:**

1. **Prerequisites** must be installed prior to Quality Center 10.00 client installation:
   1. Microsoft Installer version 3 or later.
   2. Microsoft .Net Framework 3.5 SP1 or later.
   3. Microsoft Visual C++ 2005 Redistributable.
   4. CAPICOM 2.1.0.2.
   5. For rich content and the Document Generator: MS Office 2003 or 2007 (preferable due to DEP issue).
   6. For the Document Generator: MS XML 3.0.
2. **Uninstall previous versions**:
   1. Previous installations of Quality Center must be completely removed, including unregistering and deleting all modules.
   2. **If the previous version was installed with MSI (Quality Center client side)**: Uninstall using the MSI installer. Make sure to also remove the spider.
   3. **If the previous version was installed using the browser (i.e. Spider)**: You must unreg (regsvr32.exe –u) all components and spider, for example, from “Program Files\Common Files\Mercury Interactive\Quality Center”.

**Note:** Some symptoms that might occur if the installation is initiated from an IE/Command Line Prompt that was not run using ‘run as admin’: Quality Center will keep retrying to download components, and report failings in either downloading the components, opening downloaded files, or registering components.

* 1. Quality Center Client Installation:
     1. Quality Center Client Side (i.e. MSI) installation: The MSI installation should be initiated from a command line prompt, run as an administrator.
     2. Internet Explorer installation (i.e. Spider): The installation should be initiated from Internet Explorer, run as an administrator.
     3. Quality Center 10.00 should **not** be installed using elevation.

1. **Installation Procedure**: You can install using client-side installation, Internet Explorer or Quality Center Explorer.
2. Quality Center 10.00 Client Side installation:
   1. Login to the Windows 7 or Vista machine as either an Administrator or as a standard user.
   2. Obtain and save a copy of QCClient.MSI in a temporary folder.
   3. Run an administrator Command Prompt shell (i.e. CMD.exe): **(Note: Without explicitly running the command prompt as admin, the installation will fail.)**
      1. For an interactive user: Choose **Start** > **Programs** > **Command Prompt**, right-click and choose **Run as Administrator**.
      2. If an elevation prompt window opens, provide credentials (i.e. User Name and Password of an Administrator user) if needed, or click ‘Continue’.
   4. In the command prompt window, navigate to the temporary folder where the QCClient.MSI file had been previously saved (**3.1.b**).
   5. Run QCClient.MSI from that command prompt.
   6. Follow the Quality Center 10.00 installation wizard instructions.
3. Quality Center 10.00 Internet Explorer Installation:
   1. Run Internet Explorer by right clicking the IE icon, and choosing ‘run as an Administrator’ (**see also: step 3.1.c above as an example**). If requested, provide credentials.
   2. Browse to the Quality Center Server URL. Quality Center downloads and installs automatically.
4. Quality Center Explorer Installation:
   1. Save a copy of QCExplorerAddIn.exe in a temporary folder, or download it to a temporary folder from a Quality Center Server site.
   2. Run an administrator Command Prompt shell (**see item 3.1.c**).
   3. Switch off DEP (Data Execution Prevention. For details, refer to the following link: <http://en.wikipedia.org/wiki/Data_Execution_Prevention>):
      1. On the administrator command prompt – execute:   
         bcdedit /set {current} nx AlwaysOff
      2. Restart the machine
   4. Validate DEP is switched off by executing bcdedit.exe on an administrator Command Prompt. The ‘**nx**’ property value should be **AlwaysOff**.
   5. In the Administrator Command Prompt, navigate to the folder where QCExplorerAddIn.**exe** is located, and run it.
   6. Follow the installation instructions.
   7. After the Quality Center Explorer Add-in installation is completed, the DEP level can be restored to its previous level.  
      For example, if the previous DEP level was OptIn, run the following command in the Administrator Command Prompt:  
      bcdedit /set {current} nx OptIn
5. **Running** **Quality Center 10.00:**
   1. For a **standard user** (i.e. non-admin user) running Internet Explorer, the Quality Center server site URL must be added to the Trusted Sites security zone. Protected Mode for that zone must be disabled (this is the default for that zone).
      1. Open Internet Options > Security Tab. Add the Quality Center server site to the Trusted Sites security zone.
      2. Disable (uncheck) Protected Mode for the Trusted Site security zone.

****

* 1. A fully privileged user, i.e. an Administrator user, can run Quality Center 10.00 client with either Internet Explorer, or QCExplorer.
  2. **Note:** If an administrator user fails to run Quality Center after a successful installation, it might mean that UAC (User Account Control) is switched off. (See link <http://en.wikipedia.org/wiki/User_Account_Control> for details). When UAC is disabled, Administrator users access to the Temp folder is blocked. In this case, a blank IE window opens after navigating to the Quality Center URL.

1. **Notes**:

MSI and Spider installation should never be mixed on the same Vista machine.  
When re-installing a Quality Center client of the other type (i.e. MSI/Spider) on a machine with Quality Center, the previous installation must be completely removed, and all existing modules must be unregistered and deleted before re-installing. (Common symptoms include: Quality Center window hanging or blank before login, Quality Center hanging while trying to open the VAPI-XP Test Script tab, repeated attempts at downloading, and others).

Deletion of the client side components is not sufficient. Components must be unregistered.

* Regular (COM) components should be unregistered using Regsvr32 /u
* For .NET components use Regasm /u
* Remove spider:

From Internet Option > Programs > manage add-ons

delete Loader class v5 or any Loader Class v\*

In some cases, Vista might keep copies of components in places the user is not aware of. If there are problems after installation and uninstalling is not helpful, search for all Quality Center components on the client machine (File System and Registry). Remove all Quality Center related components.

1. **Win 7 Limitations**

* No support for Far East locales.

Defects:

90466, Korean certification: Input from keyboard in Requirement Name field causes a sign "?" of last typing symbol

90706, Korean certification. "??" signs appear in filter condition of Test Plan Filter in Test Lab

* HP Screen Recorder

                Defects

                87572, Unable to submit a bug using "close and submit" feature of HP Screen Recorder

* virtual machine

                Defects

                87542, Unable to export data to file in virtual machine

* QTP

QTP requires an installation patch for supporting Win 7 OS: QTP\_00644 - Add Support for Using QuickTest on Windows 7 and Windows Server 2008 R2

On machines with Hardware DEP enabled (OptIn level or higher), it is not possible to work with QTP Test Scripts from QC.

* Reconnection error

87743. Unable to re-connect if user has logged off and browser remained open. Workaround: Close and reopen browser

* VAPI-XP

It is not possible to work with VAPI-XP

Defect: 92329

Win 7: "Invalid value for registry" unexpected error appears while start to run vapi-xp test

1. **Vista Limitations**
   1. The following limitations are relevant only for standard users (non-administrator users) running IE with **Protected Mode** set to **enabled**:
      1. Mappings in Excel Add-in cannot be saved.
      2. Attachments/resources can only be uploaded from %TEMP%\TD\_80\
      3. Attachments/resources/Document Generator reports/exported lists will be saved as or downloaded into virtualized folders only. This means that if the user tries to save to any folder it might be unsuccessful.
      4. Rich content cannot be used.
      5. Exported Grid lists can be saved to %TEMP%\TD\_80\. Otherwise they will be saved to virtualized locations.
      6. Document Generator progress bar window remains in the back.

**Note:** Non-admin users are required to run the Quality Center Client with Protected Mode **disabled**, thus avoiding these issues altogether.

* 1. MSR Player is not DEP compliant. In order to use the MSR Player, DEP level must be either OptIn, AlwaysOff , or OptOut with MSR Player exempted.
  2. On machines with Hardware DEP enabled (OptIn level or higher), it is not possible to work with QTP Test Scripts from QC

Limitations

Chinese

**Defect ID:** 91705

On Windows XP it is not possible to create a user with Chinese characters in the username.

**Workaround:** Install XP SP3

Quality Center 10.00 Patch 11

Fixed Defects

Requirements

**Defect ID:** 234817  
**Problem:** The columns ‘Target Cycle’ and ‘Target Release’ do not show data when the requirement view is set to Requirements Traceability.   
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 233777  
**Problem:** If you select a checked-out requirement, and then select **Versions** > **Pending Check In**, the error “List out of bounds” may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None

Upgrade

**Defect ID:** 233785  
**Problem:** If an upgraded Quality Center 8.2 project is linked to a template project, the error “field length may result in data loss" may occur when running Cross Project Customization.   
**Solution:** The problem is fixed.To solve the problem, you must manually replace the <repository>\sa\DomsInfo\TEMPLATES\Empty\_DB\tables\SYSTEM\_FIELD\_!000000.xml file with the file attached to the patch.

**Defect ID:** 231534  
**Problem:** Projects that are upgraded from previous versions grant groups full permissions to new Quality Center 10.00 modules.   
**Solution:** The problem is fixed. Groups are initially granted viewer permissions to the new modules.  
**Limitation:** None.

Customization - users

**Defect ID:** 233634  
**Problem:** On an Oracle 9.2 server, adding new users causes the error “Failed to Add Users”.

**Solution:** The problem is fixed.  
**Limitation:** When deleting a project on Oracle 9.2 server, an error occurs (Defect 91026). As a workaround, use the **Remove Project** command instead of **Delete Project**.

Mail

**Defect ID:** 233343  
**Problem:** When sending a custom mail, the received mail might include fields that were not selected.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Performance

**Defect ID:** 233212  
**Problem:** Under certain conditions, a deadlock may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Plan

**Defect ID:** 234819  
**Problem:** When adding or removing columns from the **Design Steps** tab, the attachment column may disappear.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Analysis

**Defect ID:** 234814  
**Problem:** When saving the Site Analysis data grid to Excel, the file type **.xlsx** is not available.   
**Solution:** The problem is fixed.  
**Limitation:** None.

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Help

**Defect ID:** 233546  
**Problem:** A WebWorks vulnerability was detected in WebWorks Security Advisory 2009-0001.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Client Side

**Defect ID:** 233498  
**Problem:** The client side component Microsoft Visual C++ 2005 Redistributable is downloaded even if a newer version of the component already exists on the client machine.   
**Solution:** The problem is fixed. The older version will not be downloaded in such a case.  
**Limitation:** None.

OTA

**Defect ID:** 232164  
**Problem:**. When the **STEP** table is extremely large, running scripts with **CurrentRun.CancelRun** multiple times may create a memory shortage on the server side.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Business Components

**Defect ID:** 232181  
**Problem:**. A checked out business component might not reflect data changes to a parameter’s data.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233654  
**Problem:**. When resuming a manual Business Process test run, input parameters do not retain values that were previously assigned output parameters.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 234262  
**Problem:**. Manual runs of Business Process tests with large numbers of iterations may take a long time to begin.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 233475  
**Problem:**. When exporting Business Process test execution results, the error “specified XSL's file content is not valid.” occurs.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 89977  
**Problem:** It is not possible to transfer parameter values between components within a Business Process test.   
**Solution:** The problem is fixed.  
**Limitation:** None.

QuickTest Professional

**Defect ID:** 86392  
**Problem:**. The QuickTest Professional script viewer may crash.   
**Solution:** The problem is fixed.  
**Limitation:** None.

STM

**Defect ID:** 89624  
**Problem:**. When adding a change to a component, the new change is not always selected in the grid.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 87092  
**Problem:**. After copying the URL of any entity and trying to use it in Internet Explorer, the error “The item not present in dictionary” occurs.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 90100   
**Problem:**  When adding a new entity, or displaying details of an existing entity, the wrong help topic displays when clicking the help button.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 86530  
**Problem:**. The **Go To STM Component** command in the Components tab does not work.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Enhancements

SMTP Authentication

**Defect ID:** 232925  
**Problem:** SMTP authentication is now supported.

The following SMTP settings are supported by Quality Center:

* Basic authentication
* Use of TLS (Transport Layer Security) which uses base64 encryption of the communication between Quality Center and the SMTP server.
* Only authenticated users can send emails.

To enable the feature:

1. Add the **SMTP\_AUTHENTICATION** site parameter, and set the parameter value to 'Y'.
2. In Site Administration, select **Site Configuration** > **Settings** > **Set Mail Protocol**. Configure the following fields:
   1. User name and password of a mail administrator user that has permissions to connect to the SMTP server.
   2. Email address of the SMTP admin user.
3. Restart the Quality Center service.

**Note:** if the SMTP\_AUTHENTICATION parameter is set to 'N' or deleted, the above fields are hidden again, and Quality Center will not use authentication to login. You must restart the Quality Center service to apply the changes.

Clarification

In Patch 10, the fix of Defect ID: 232364 referred to ‘filter’ instead of ‘sort’. The correct description should read:

**Problem:**. When applying sort to the test plan tree, empty folders do not display.   
**Solution:** The problem is fixed.  
**Limitation:** None

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Quality Center 10.00 Patch 10

Fixed Defects

Management

**Defect ID:** 232087  
**Problem:**. When expanding a library that contains a baseline imported from a project that was deleted, the error ‘Failed to Get Simple Key Entity’ occurs.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Requirements

**Defect ID:** 230710  
**Problem:**. A user with permission to delete traceability cannot delete a traceability link created by another user.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Plan

**Defect ID:** 232538  
**Problem:** If you change the description of a design step in the Design Step Editor dialog box, the change is not always applied.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232488  
**Problem:**. The Test Plan module toolbar may flicker when switching between tests.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232364  
**Problem:**. When applying sort to the test plan tree, empty folders do not display.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Lab

**Defect ID:** 232335  
**Problem:**. When trying to run tests that have been hidden in Test Plan using a data-hiding filter, the exceptions “Failed to Copy Design Steps” and “Failed to Delete Run” occurs.

**Solution:** The problem is fixed.  
**Limitation:** None.

Defects

**Defect ID:** 229382  
**Problem:**. When trying to edit the Subject field of a defect in the Defects grid, an error occurs.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Document Generator

**Defect ID:** 85044  
**Problem:**. Run attachments do are not included in the report.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Business Components

**Defect ID:** 232181  
**Problem:**. When changing an existing version control enabled component by adding or removing its parameters, the values of the parameters in the test do not correspond with the values of the component.

**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 232567  
**Problem:**. When reordering iterations in the Component Iterations dialog box, an error “Invalid Index” may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232307.  
**Problem:**. Promoting a component parameter to a Flow level does not save the promoted values unless you click **Save** on the Test Script tab toolbar.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232302  
**Problem:**. When running a business components test manually, an error “Failed to Copy Design Steps” may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Mail

**Defect ID:** 233343  
**Problem:**. When using the **Custom** command in the Send E-mail dialog box to select the entity fields that are included, the message may include also fields that were not selected.   
**Solution:** The problem is fixed.  
**Limitation:** The applies to the Defects module only.

**Defect ID:** 231860  
**Problem:**. When selecting multiple defects to send by email from Quality Center, and afterwards the user clicks "Custom..." button, e ach defect is sent in a separate message instead of one message with details of all selected defects.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232056  
**Problem:**. Links to defects in emails sent from Quality Center may include an incorrect Quality Center server address. This may occur if the first connection to a Quality Center client was done from the actual Quality Center server machine using the ‘localhost’ address.

**Solution:** The problem is fixed. Define the following new configuration parameters in Site Administration:

* **ENTITY\_LINK\_HOST** – name of the Quality Center server. Enter either name or IP address.
* **ENTITY\_LINK\_PORT** – port number of the Quality Center server.

**Limitation:** None.

Version Control

**Defect ID:** 232350   
**Problem:** When trying to convert a version control enabled manual test that calls other tests, into a QuickTest Professional test, an error “Failed to Check In And Override Last Version” occurs.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Authentication

**Defect ID:** 232240  
**Problem:**. An enhanced standard, SHA 256 is required for password authentication.   
**Solution:** The problem is fixed. Define the following new configuration parameters in Site Administration:

* **ENABLE\_SHA256\_PASSWORD\_DIGEST** – Set to '**Y**', to grant enhanced authentication for all new users.
* **UPGRADE\_PASSWORD\_DIGEST\_ON\_LOGIN** – Set to '**Y**', to grant enhanced authentication also to existing users. Existing users’ passwords will be updated when they next log on to Quality Center.

**Limitation:** The change is irreversible. After a user’s password has been upgraded, it is not possible for that user to work with Quality Center 10 previous patch levels.

Template Projects

**Defect ID:** 232952   
**Problem:**. The length of user-defined fields with lookup lists created in a template project is not correctly reflected in the linked projects.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232312  
**Problem:**. Projects that were upgraded from Quality Center 8.2 cannot be linked to template projects.   
**Solution:** The problem is fixed.  
**Limitation:** The user should run repair after running the upgrade.

Customization

**Defect ID:** 231811  
**Problem:**. You cannot assign multi-value lookup lists to user-defined fields in the Libraries module.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Workflow

**Defect ID:** 232135  
**Problem:**. Using the workflow **Script Generator - List Customization** tool may cause Internet Explorer to crash.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232111  
**Problem:**. When hiding buttons in ‘EnterModule’ using ‘Visible = false’ (for example, Actions.Action("DeleteAct").Visible = false), an error "is not a valid action” occurs.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 232049  
**Problem:**. When using the expression ‘Test\_CanPost = False’ in the’Test\_CanPost’ function, the browser freezes.   
**Solution:** The problem is fixed.  
**Limitation:** None.

OTA

**Defect ID:** 232958  
**Problem:**. The **TSTestFactory.RemoveItem** event does not remove test instances.   
**Solution:** The problem is fixed.  
**Limitation:** None.

WinRunner

**Defect ID:** 231700  
**Problem:**. When viewing a WinRunner test run result, an error “List index out of bounds” occurs.   
**Solution:** The problem is fixed.  
**Limitation:** If user connects from WR to QC 10.0 and gets the error:"Can't create OTA instance" or Faild to connect to project”, install TDConnectivity plag-in from QC Plug-In page.

Enhancements

Certification

Certification of client side components has been extended till December 2011.

STM

The name of the STM module has changed from **Services** to **Application Components**.

Limitations

STM

In the Components tab of the Requirements, Test Plan and Test Lab modules, the **Go to STM Component** command does not work.

Quality Center Explorer

Whenever Quality Center Explorer connects to the server or downloads client-side components, a security warning is displayed.

**Workaround**: In the Security Warning dialog box, select **More options** > **Always run software from HP Company**

Quality Center 10.00 Patch 9

Fixed Defects

Test Plan

**Defect ID:** 232009  
**Problem:**. Copy and Pasting of Design Steps might cause the step numbering to be broken.   
**Solution:** The problem is fixed.  
**Limitation:** None.

OTA

**Defect ID:** 231852  
**Problem:**. It is not possible to assign to a UDF's Lookup list the option 'Allow Multiple Values' for the Library entity.   
**Solution:** The problem is fixed.  
**Limitation:** None.

You can use the following sample as guide line. In this case a field label ‘UField1’ is set with list ‘Priority’ to allow multi value

Dim cFields As ICustomizationFields

Dim cField As ICustomizationField2

Dim cust As ICustomization

'Get an unused field for a defect.

cust = TDConnection.Customization

cFields = cust.Fields

cField = cFields.AddActiveField("LIBRARIES")

Dim custLists As ICustomizationLists

custLists = cust.Lists

cField.UserLabel = "UField1"

cField.Type = tagTDAPI\_DATATYPES.TDOLE\_TREENODE

cField.List = custLists.List("Priority")

cField.IsMultiValue = True

cField.IsHistory = True

cust.Commit()

Excel reports

**Defect ID:** 232046  
**Problem:**. Parameters are not working in Excel report.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Manual runner

**Defect ID:** 232060  
**Problem:**. When running a VC test that is pinned to a baseline and the test’s design step had an attachment an error ‘Entity with key 'xxxx does not exist in table 'DESSTEPS shows.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Server crash

**Defect ID:** 231974  
**Problem:**. When the Excel report has comments that were not enclosed correctly the parsing error might cause CPU to overload on server side.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Custom integration

**Defect ID:** 231552  
**Problem:**. It is not possible to integrate customer ActiveX objects as custom module.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Attachments

**Defect ID:** 231863  
**Problem:**. Files that have futuristic dates are created with 0 size when attached.   
**Solution:** The problem is fixed.  
**Limitation:** None.

BPT

**Defect ID:** 231619  
**Problem:**. When large numbers of components are grouped into iteration some of the steps might not show during manual execution.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Graph

**Defect ID:** 231290  
**Problem:**. When using the defect age graph, grouping by status and using type count, selecting different time period does not produce consistent results .   
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Plan

**Defect ID:** 230426  
**Problem:** .It is not possible to generate a test type from other test type.   
**Solution:** The problem is fixed.   
**Limitation:** None.

Workflow

**Defect ID:** 232327  
**Problem:**. When using the property ‘read-only’ extensively in Workflow there might be performance degradation.   
**Solution:** The problem is fixed.  
**Limitation:** In some cases the once the read-only is set via an event it is not immediately showing in the UI. The user can either refresh the UI or the developer can add a refresh statement following setting of a field to read-only

Enhancements

Windows XP SP3 is supported

Quality Center 10.00 Patch 8

QuickTest Professional

**Defect ID:** 231159  
**Problem:**. Renaming an existing action via QuickTest Professional may cause it to be declared as an external action, and thus will no longer be modifiable. This problem was limited only when QC was installed on non Windows  
**Solution:** The problem is fixed.  
**Limitation:** None.

Filter

**Defect ID:** 231185

**Problem:** If the date format on the client machine is customized differently than the format on the server machine, a filter on the **Detected on Date** field in the Defects module will deliver incorrect results.  
**Solution:** The problem is fixed.  
**Limitation:** None

Graphs

**Defect ID:** 230930  
**Problem:**. When using bar graphs, only the uppermost total value is displayed.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Workflow

**Defect ID:** 230327  
**Problem:** Setting a Date field in the Management module as read-only via workflow, does not prevent users from changing the value when using the FieldChange event. Consequently, the browser locks.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 229972  
**Problem:**. The **Parameters** tab in a test does not trigger any events.   
**Solution:** The problem is fixed. New events are added:

TestParams\_New,

TestParams\_MoveTo

TestParams\_FieldCanChange

TestParams\_FieldChange

Following actions are also available:

act\_testparams\_new

act\_testparams\_delete

act\_refresh

**Limitation:** None.

**Defect ID:** 231043  
**Problem:**. The Release\_FieldCanChange method is called after a field's value has already been changed.   
**Solution:** The problem is fixed.  
**Limitation:** None

Document Generator

**Defect ID:** 227096

**Problem:** When generating a Requirements document with the Document Generator, if you choose **Selected** requirements, and sort by a user-defined field, the Document Generator does not sort the fields accordingly.

**Solution:** The problem is fixed.

**Defect ID:** 229084  
**Problem:** You cannot select the **Modified** field for the Requirements full page layout.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 230841  
**Problem:**. Template-project fields do not display in reports of linked projects.  
**Solution:** The problem is fixed.  
**Limitation:** None

Customization

**Defect ID:** 231602  
**Problem:**. Users that belong to the default Viewer group can check out tests.   
**Solution:** The problem is fixed.  
**Limitation:** None

Test Plan

**Defect ID:** 231465  
**Problem:**. When selecting a test that is linked to a defect, an error: "Cannot focus a disabled or invisible window" may occur.   
**Solution:** The problem is fixed.  
**Limitation:** None

Upgrade

**Defect ID:** 230610  
**Problem:**. Graph settings that were saved as public favorites in Quality Center 9.2 were not retained after the upgrade.   
**Solution:** The problem is fixed. The fix applies to projects upgraded after installing Quality Center 10.00 Patch 8.  
**Limitation:** None

Test Lab

**Defect ID:** 231211  
**Problem:**. Users with sufficient permissions to copy and paste tests, receive an error message when attempting to paste tests.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Manual Runner

**Defect ID:** 231097  
**Problem:** The area in the Manual Runner dialog box that is allocated to user-defined fields may reduce in size each time a test is run and in the manual runner.  
**Solution:** The problem is fixed.  
**Limitation:** None

Site Admin

**Defect ID:** 231247  
**Problem:**. After running the **Verify Project** command, the **Verify Results** section may display an erroneous message.   
**Solution:** The problem is fixed. The message is not an error message but an information message.  
**Limitation:** None

Enhancements

Migrating Legacy Version Control Data

Previous versions of Quality Center provided legacy version control functionality through the use of third-party version control tools. Quality Center 10.00 provides fully integrated, enhanced version control capabilities, storing version control data in the Quality Center database and file system.

New functionality was added to Site Administration, enabling you to migrate legacy version control data to work with Quality Center 10.00. You can now upgrade version control enabled projects from previous versions of Quality Center, and then migrate legacy data from a third-party version control tool to the Quality Center 10.00 database.

This topic includes the following sections:

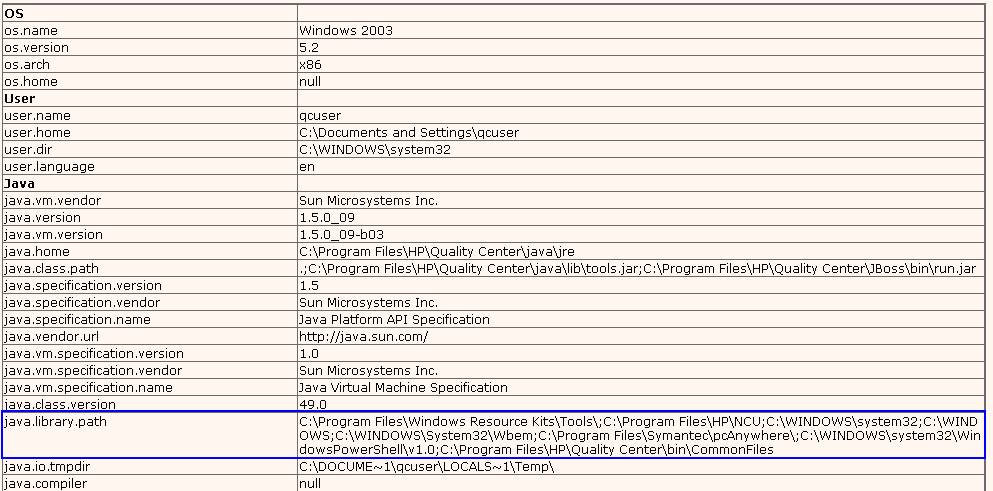
* Supported Versions
* Prerequisites
* System Storage Requirements
* Notes on the Migration Process
* Migration Instructions
* After Migration
* Troubleshooting

Supported Versions:

* Quality Center projects that have been upgraded to Quality Center 10.00 from the following versions:
  + TestDirector 7.6 and 8.0
  + Quality Center 8.x, 9.0 and 9.2
* Microsoft Visual SourceSafe (SP6)
* Rational ClearCase 2003 / Rational ClearCase 7.0

Prerequisites

Before migrating legacy version control data, you must do the following:

* Upgrade your version control enabled projects to Quality Center 10.00. For details on upgrading, refer to the *HP Quality Center Administrator Guide*.  
    
  **Note**: Legacy version control projects must be marked as version control enabled. If you are restoring a project, mark the parameter PR\_HAS\_VCSDB in the dbid.xml file as ‘Y’.
* In order for Quality Center 10.00 to identify the version control tool and the configuration from the previous version, two folders must exist in the Quality Center 10.00 installation folder. If Quality Center 10.00 was installed on the same machine on which a previous version of Quality Center was installed, these two folders should exist. However, if Quality Center 10.00 is installed on a different machine or you are testing the patch on a staging environment, the installation path is different and the folders will be absent. To resolve this issue, copy the following folders from the original Quality Center 9.0\9.2 server to the Quality Center 10.00 server:
  + Copy the folder **\[Quality Center 9.0/9.2 installation path]\bin\CommonFiles** to the same location in the Quality Center 10.00 Patch 8 installation folder. (**Visual SourceSafe users only:** The folder you are copying should contain the file TdVcPlugin.dll.)  
       
    Troubleshooting: If the folder and file do not exist in that location on the Quality Center 9.0\9.2 server, open one of the Quality Center server log files, located by default in the **\[Quality Center installation path]\log\sa** folder, and look in the Java properties table for the value **java.library.path**:  
    

The last path specified here is the path of the “CommonFiles” folder, which needs to be copied the path specified for the “CommonFiles" folder in the Site Administration log ofthe Quality Center 10.00 server.

* + Copy the folder **\[Quality Center 9.0/9.2 installation path]\QualityCenter\repository\sa\DomsInfo\vc** to **\[Quality Center 10.00 installation path]\Quality Center\repository\sa\DomsInfo\** on the Quality Center 10.00 server.
* **Visual SourceSafe users only:** Install Visual SourceSafe client with SP6 on the Quality Center 10.00 server. Installing SP6 for Visual SourceSafe will prevent connectivity problems between Quality Center 10.00 and Visual SourceSafe which could cause test migration to fail. If Visual SourceSafe is not installed on the Quality Center 10.00 server, an error will occur during the migration process.
* **IBM Rational ClearCase users only:** Install ClearCase client on the Quality Center 10.00 server using the same configuration as defined on the Quality Center 9.2 server. If ClearCase is not installed on the Quality Center 10.00 server, an error will occur during the migration process.  
    
  **Important**: Make sure that the user running the Quality Center service has permissions and access to the ClearCase files stored by Quality Center. For example, in the following folder: ‘\\view\qcuser\_view\testdirector\{project name}\TESTS\...’.

System Storage Requirements

Implementing version control in Quality Center 10.00 has storage implications on the Quality Center database and file repository. For guidelines on estimating data growth, see HP Software Self-solve knowledge base article KM740513 (<http://h20230.www2.hp.com/selfsolve/document/KM740513>).

Notes on the Migration Process

* The migration process can take some time. Users can work in the Quality Center project during migration. If a user accesses a test that has not yet been processed, for example, checks out or views version history for a test, the legacy version control data is migrated at that time.
* You can migrate data for a single project, or for multiple projects in a domain. The “Migrate Domain” option migrates the selected projects sequentially. To migrate several projects simultaneously, open a connection to Site Administration for each project you wish to migrate.
* Project administrators may decide that it is not necessary to maintain all version history. You can set migration options to migrate a specified number of previous versions, or to migrate versions created after a certain date only.
* Migration can be a lengthy process and use significant system resources. To help moderate the use of system resources both on the Quality Center database and the legacy third-party version control tool, you can set migration options to migrate groups of tests, with breaks in between groups.
* Migrated versions are assigned version numbers according to the single digit format used for version control in Quality Center 10.00. Legacy version numbers are stored as a comment in each migrated version’s **Comment for selected version** field.

Migration Instructions

You can migrate legacy version control data for a single project, or for multiple projects in a domain.

**To migrate legacy version control data for a single project:**

1. In Site Administration, in the Site Projects tab, right-click an upgraded version control enabled project and select **Maintain Project > Migrate Legacy Versioning Data**. The Migrate Project dialog box opens.
2. Under **Data to Migrate**, the following options are available:
   * **Migrate versions no older than < >.** Migrate only test versions created after a date you specify.
   * **Latest versions to migrate < >.** Specify the number of previous versions to migrate. For example, enter the number **3** to migrate the last three versions created for each test.

By default, all legacy versioning data is migrated.

**Important**: The options under **Data to Migrate** cannot be edited after migration has been run once. These settings also apply to migration carried out when a user working in the project accesses a test that has not yet been processed. If migration fails or you choose to abort, migration is carried out with the same settings when you run the process again. Therefore, it is not possible to migrate data that was not selected the first time migration was run. For example, if you choose to migrate only the last three versions of tests, you cannot migrate additional versions at a later date.

1. Under **Migration Process**, the following options are available:

* **Migrate tests in groups.** Instructs Quality Center to migrate groups of tests, pausing between groups.
  + **Number of tests in groups < >.** Specify the number of tests to place in a group.
  + **Stop between groups (in milliseconds) < >.** Specify the period of time for the migration process to pause between groups.

1. Click the **Migrate Project** button to start the migration process. The **Results** pane displays migration progress, indicates which tests are migrated, and lists any test that cannot be successfully migrated.

* To pause the migration process, click the **Pause** button. To continue, click the **Resume** button.
* To stop the migration process, click the **Abort** button.
* To save the messages displayed in the Results pane to a text file, click the **Export Log** button.
* To clear the messages displayed in the Results pane, click the **Clear Log** button.

In the event that the migration process fails, or you choose to abort the process in the middle, tests that were already migrated to the Quality Center database remain. You can run the process again to continue migrating tests that were not yet migrated or failed to migrate.

**To migrate legacy version control data for multiple projects in a domain:**

1. In Site Administration, in the Site Projects tab, right-click a domain and select **Maintain Domain > Migrate Legacy Versioning Data**. The Migrate Domain dialog box opens.

2. Under **Data to Migrate**, the following options are available:

* + **Migrate versions no older than < >.** Migrate only test versions created after a date you specify.
  + **Latest versions to migrate < >.** Specify the number of previous versions to migrate. For example, enter the digit **3** to migrate the last three versions created for each test.

By default, all legacy versioning data is migrated.

**Important**: The options under **Data to Migrate** cannot be edited after migration has been run once. These settings also apply to migration carried out when a user working in the project accesses a test that has not yet been processed. If migration fails or you choose to abort, migration is carried out with the same settings when you run the process again. Therefore, it is not possible to migrate data that was not selected the first time migration was run. For example, if you choose to migrate only the last three versions of tests, you cannot migrate additional versions at a later date.

3. Under **Migration Process**, the following options are available:

* **Migrate tests in groups.** Instructs Quality Center to migrate groups of tests, pausing between groups.
  + **Number of tests in groups < >.** Specify the number of tests to place in a group.
  + **Stop between groups (in milliseconds) < >.** Specify the period of time for the migration process to pause between groups.

4. Under **Select projects to migrate**, select the projects in the domain for which you want to migrate legacy version control data. Make sure to select only legacy version control enabled projects that were upgraded to Quality Center 10.00.

5. Click the **Migrate Projects** button to start the migration process. The **Results** pane displays migration progress, indicates which tests are migrated, and if any test cannot be successfully migrated.

* To pause the migration process, click the **Pause** button. To continue, click the **Resume** button.
* To stop the migration process, click the **Abort** button.
* To save the messages displayed in the Results pane to a text file, click the **Export Log** button.
* To clear the messages displayed in the Results pane, click the **Clear Log** button.

In the event that the migration process fails, or you choose to abort the process in the middle, tests that were already migrated to the Quality Center database remain. You can run the process again to continue migrating tests that were not yet migrated or failed to migrate.

After Migration

After completing the migration process, the new Quality Center 10.00 versioning capabilities replace the third-party tools and they are no longer needed. In addition, the historical version control data can be deleted. (For Visual SourceSafe, this data is stored in the following location: **\[Quality Center 10.00 installation path]\Quality Center\repository\QC\[your project]\vcs**.)

Troubleshooting

In the event that migration fails, refer to the **Results** pane of the Migrate Project/Migrate Domain dialog box, and to the Quality Center Server log file for information on reasons for the failure.

Migration from Visual SourceSafe may fail, due to the following:

* No versioning data is found in the Visual SourceSafe tool.
* The Visual SourceSafe tool contains corruption which prevents the migration of data into Quality Center.
* Object locking in the file system.

Migration from ClearCase may fail, due to the following:

* Connection to the ClearCase server is lost.
* No versioning data is found in the ClearCase server.
* The ClearCase server contains corruption which prevents the migration of data into Quality Center.

If migration fails, try to correct the information in the third-party version control tool and run the migration process again. If the information cannot be corrected, try running the tool again.

If test migration fails repeatedly during the migration process, the following script can be used:

**Note:** After running this script, all tests will be assumed to have been successfully migrated, and all historic data for these tests will become unusable.

“UPDATE TEST SET TS\_VC\_CUR\_VER = NULL WHERE TS\_TEST\_ID IN ({list of failed test ids})”

VC migration limitations:

* Make sure that all the tests are "checked in" before migration. Use "Check in all" option in Quality Center before running the migration tool
* Migrated QTP tests from QC9.2 do not show the test version when using the QTP Asset viewer
* Some the Analysis report in the QTP Upgrade tool might fail
* Limitation: All the tests became checked out after running analysis process in QTP Migration tool.

Workaround: Continue with Migration just after Analysis at once (without closing the tool or reanalyzing) or use "Check in all" option in Quality Center again

Gossip 1.3 build 820 is supported

MSSQL 2005 SP3 is supported

Limitations

It is not possible to convert an automated test into other test type

Quality Center 10.00 Patch 7

Fixed Defects

Mail

**Defect ID:** 230973  
**Problem:**. When sending an email message through Quality Center, adding a user name to the **To** field adds the same user name to the **CC** field as well.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Document Generator

**Defect ID:** 229827  
**Problem:**. Users who are not project administrators cannot create a Subject Test report that includes design steps.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Workflow

**Defect ID:** 230344  
**Problem:**. When using **REPLACE\_TITLE** in **DATACONST** to rename the Defects module, **ActiveModule** returns the new value.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 230240  
**Problem:**. If Workflow Customization is used to set defect or requirement details, and the user does not enter values in all required fields, a dialog box displays all the required fields that need to be entered. If the user clicks **Cancel All Changes**, any hidden fields are displayed.   
**Solution:** The problem is fixed.  
**Limitation:** None.

**Defect ID:** 230340  
**Problem:**. In the Defects module, the Verify property of a field is not always evaluated by **FieldCanChange**.   
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 230327  
**Problem:** Setting a Date field in the Management module as read-only via workflow, does not prevent users from changing the value. Consequently, the browser locks.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 230456  
**Problem:**. It is not possible to cancel a run from a **Run\_MoveTo** event using the **actCancelRun** or **act\_end\_run** actions.  
**Solution:** The problem is fixed.  
**Limitation:** None

BPT

**Defect ID:** 231099  
**Problem:**. When multiple instances of the Automatic Runner are run on the same host group, tests run concurrently and result in failure.  
**Solution:** The problem is fixed. Tests run sequentially.  
**Limitation:** None

Template Project

**Defect ID:** 231107  
**Problem:**. Permissions set for the template project group are not always copied to the linked projects.   
**Solution:** The problem is fixed.  
**Limitation:** None

Test Lab

**Defect ID:** 230755  
**Problem:**. If multiple instances of a test with parameters are created in a test set, when the user navigates through the test instances in the **Test Instance Properties** dialog box, changes previously made to the parameter default values are not always reflected.  
**Solution:** The problem is fixed.  
**Limitation:** None

Load Runner

**Defect ID:** 229919  
**Problem:**. When running LR-SCENARIO type tests, the Load Runner analysis tool does not display the results.   
**Solution:** The problem is fixed.  
**Limitation:** None

Graphs

**Defect ID:** 230798  
**Problem:** This limitation applies to non-English systems. An error occurs when trying to save the grid view of a **Summary - Cross Test Set** graph.  
**Solution:** The problem is fixed.  
**Limitation:** None

Test Plan

**Defect ID:** 230726  
**Problem:** If a user logs out of a project while in the Test Grid view, and then logs in again, when the user selects the **Test Plan Tree** view, the Subject tree is empty. The tree displays only after the user clicks the **Refresh** button.  
**Solution:** The problem is fixed.  
**Limitation:** None

Fields

**Defect ID:** 230883  
**Problem:**. Labels of user-defined fields in the Test Resources and Management modules are truncated after the 25th character.   
**Solution:** The problem is fixed.  
**Limitation:** None

Requirements

**Defect ID:** 230720  
**Problem:**. If a user copies a requirement folder and pastes it into the same folder, an infinite loop occurs.  
**Solution:** The problem is fixed. An error message is displayed and the paste operation ceases.  
**Limitation:** None

Login

**Defect ID:** 230571  
**Problem:**. Logging in to projects whose fields have long value lists can take a long time.   
**Solution:** The problem is fixed. The login time has been significantly reduced.  
**Limitation:** None

Enhancements

**Enhancement:** Securing Microsoft ActiveX vulnerability MS09-035Microsoft Corporation published a security vulnerability in the Microsoft ATL libraries: <http://www.microsoft.com/technet/security/bulletin/ms09-035.mspx>. This potential risk can affect client side components. An update to the browser can be downloaded from the address above. The update was tested and approved for Quality Center.

This patch includes a fix to Quality Center that addresses the vulnerability. Therefore, for the purpose of working with Quality Center, it is not necessary to install the browser update.

**Enhancement:** Java 1.5.0\_20 can be used with Quality Center.

1. Download Java 1.5.0\_20 from the Sun Microsystem website, and install it on top of the current Java version.
2. After installation is complete, copy all files under the installation folder to the Quality Center Java folder.  
   For example, the default installation path for Windows systems is: **C:\Program Files\HP\Quality Center\java**.
3. Stop and restart the Quality Center server for changes to take effect.

**Enhancement**: Internet Explorer 8 is now certified to work with Quality Center.

Quality Center 10.00 Patch 6

Fixed Defects

**Project and Portfolio Management** – Quality Center Synchronization

**Defect ID:** 76732  
**Enhancement:** Project and Portfolio Managementand Quality Center synchronization works for Quality Center version control enabled projects.   
**Limitation:** A Project and Portfolio Management request cannot be synchronized with a Quality Center requirement that is currently checked out by a Quality Center user.

Site Administration

**Defect ID:** 76021  
**Problem:** After upgrading a project through API, you cannot log in to the project for several minutes.   
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Lab Module

**Defect ID:** 83341  
**Problem:** After installing Quality Center 10.00 Patch 4, the workflow event **TestLab Run\_MoveTo** does not work for user defined fields.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 229397  
**Problem:** The Host Manager does not allow you to specify a host that begins with a number.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 229148  
**Problem:** A "Bad Data" error may occur when running VAPI and QuickTest Professional tests.  
**Solution:** The problem is fixed.  
**Limitation:** None

Libraries Sharing

**Defect ID:** 83339 **Problem:** Importing a library succeeds even if an entity with a user-defined field is shorter in the source project than in the destination project.   
**Solution:** The library import does not succeed. The import log report recommends adjusting the field size in the target project.  
**Limitation:** None

Business Process Testing

**General Note**

To enable Business Process Testing Enterprise Extension capabilities, install the enterprise extension by clicking **Quality Center Extensions for BPT** under **Quality Center Extensions** on the HP Quality Center Add-ins page, <http://update.external.hp.com/qualitycenter/qc100/>.

**Defect ID:** 81430  
**Problem:** Copying test sets containing Business Process tests, duplicates the component entities.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Defect ID:** 83741

**Problem:** An error occurs when changing the value of a user-defined field in a workflow script for a component in a version control enabled project.  
**Solution:** The problem is fixed.  
**Limitation:** None

Workflow

**Defect ID: 229491   
Problem:** The value set in a field's **IsReadonly** property is not always rendered as instructed.  
**Limitation:** None

**Defect ID: 229973  
Problem:** When a new defect is added, the **HasAttachment** property used in **AfterPost** always returns “False”.  
**Limitation:** None

**Defect ID: 229894  
Problem:** DesignStep\_MoveTo event is called when Design Steps tab is not visible. This can have affect on DesignStep\_Fields object having wrong values.  
**Limitation:** None

Document Generator

**Defect ID: 227000  
Problem:** Rich text fields in ‘Tabular reports’ of Requirements display the path of the rich text file instead of the content.  
**Solution:** On the server machine, in the %QC\_REPOSITORY%\sa\DomsInfo\Reports\ folder, locate the default.xsl file, and replace it with the file provided with the Patch 6 package.

**Defect ID: 229023  
Problem:** ‘Full page’ reports of Defects display history of the other defects.  
**Solution:** On the server machine, in the %QC\_REPOSITORY%\sa\DomsInfo\Reports\ folder, locate the default.xsl file, and replace it with the file provided with the Patch 6 package.

Requirements

**Defect ID:** 228763  
**Problem:** If a requirement is covered by thousands of tests, clicking the **Test Coverage** tab or running the **Report Selected** report can cause Quality Center to freeze.  
**Solution:** The problem is fixed.

Enhancements

**Enhancement: N/A**Two columns are added to the Quality Center and Site Administration log files: the IP address and name of the connecting user.

**Limitation:** This feature does not work when user is connected using LDAP

Limitations

**Limitation: Migration of Version Control Projects**You cannot migrate version control projects using Quality Center 10.00 Patch 6.

**Workaround:** Migrate the project using Quality Center 10.00 Patch 4, and only then install Patch 6.   
**Note:** Quality Center 10.00 Patch 4 supports the migration of Source Safe Version Control projects only.

**Limitation: Adding an attachment**

When creating a new requirement together with an attachment on a VC enabled project, an error message displays.

**Workaround:** Finish creation of the requirement and next add the attachment

Issues Addressed by Previous Patches

Quality Center 10.00 Patch 5

Fixed Defects

Requirements Module

**Defect ID**: 82771  
**Problem**: If a requirement is covered by a large number of tests, clicking the Test Coverage tab in the Requirement Details window can cause Quality Center to freeze.  
**Solution**: The problem is fixed.  
**Limitation**: None.

**Defect ID**: 82274  
**Problem**: In the Requirements Coverage Analysis view, there is no way to analyze coverage by cycle.  
**Solution**: In the requirements **Coverage Analysis** view, an option is added enabling you to specify cycles for which you want to perform execution analysis.  
**Limitation**: None

Business Process Testing

**Defect ID:** 81959

**Problem:** In the **Business Component Script > MoveToComponentFolder(Folder)** workflow event, the **Folder** parameter is of type "String", not of type "IComponentFolder" as expected.

**Solution:** The problem is fixed.

**Limitation**: None.

**Defect ID:** 82307

**Problem:** The **Business Component Script > Component\_CanDelete** workflow event doesn’t accept any parameters. Due to this it was impossible to determine whether a component or component folder is being deleted.

**Solution:** The problem is fixed. The **Business Component Script > Component\_CanDelete** event signature is modified to accept two parameters: “Entity” and “IsComponent”. "Entity" can be either an “IComponent” or “IComponentFolder” object, depending on the deleted tree node; “IsComponent” is a boolean indicating which type of entity is being deleted.

**Limitation**: None.

Site Administration

**Defect ID:** 82237  
**Problem:** Deleting a project immediately after creating it causes an error.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Starter Edition Configuration

**Defect ID**: 78242.  
**Problem**: Projects in Quality Center 10.00 Starter Edition might disappear from the project list in Site Administration after rerunning the configuration wizard.

**Solution**: The problem is fixed. After installing the patch, restore any missing projects.    
**Limitation**: None.

Version Control

**Defect ID**: 82236.  
**Problem**: Filters ignore changes in checked out entities (except test entities).  
**Solution**: The problem is fixed.  
**Limitation**: None

Test Lab module

**Defect ID**: 82449.  
**Problem**: If you add several tests at once to a test set, you cannot navigate from one of the test instances to its corresponding test in the test plan tree.  
**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID**: 82715.  
**Problem:** If you delete a test run result of a VAPI-XP test, the entire test folder in the Quality Center repository is deleted.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Document Generator

**Defect ID:** 82000

**Problem:** When customizing the logo in the Document Generator Logo tab, the customized logo is not displayed in the header of the generated document. The default HP logo is always displayed.

**Solution:** The problem is fixed.

**Limitation:** None.

Libraries

**Defect ID**: 77010 , 74905 , 78058 , 78166.  
**Problem**: If you import a library that contains a user-defined field whose size is greater than the corresponding field in the target project, the import fails.  
**Solution**: The problem is fixed.  
**Limitation**: None

Services module (Service Test Management Extension)

**Defect ID**: 82772

**Problem**: When selecting a filter in the Select Test folder dialog box in the Open Test Generation dialog box, Internet Explorer crashes.

**Solution**: The problem is fixed

**Limitation**: The filter does not work.

Cross Project Customization

**Defect ID**: 82777

**Problem**: When verifying a project in Site Administration, if the project includes fields applied from a linked template project, the verification report includes Extra Column errors.

**Solution**: The problem is fixed.

**Limitation**: None.

Dashboard

**Defect ID:** 229052

**Problem**: The Test Instances Summary graph does not display the **Show full path** option when the **X-Axis** field is set to ‘Test Set’.  
**Solution**: The problem is fixed.  
**Limitation**: None.

**Defect ID:** 229209

**Problem**: Previously, you could export a graph’s data to Microsoft Excel by right-clicking the drill down results.  
**Solution**: The functionality is restored.  
**Limitation**: None

**Defect ID:** 228749

**Problem**: If a project is created from a template, an error occurs when generating an Excel report.  
**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID:** 226500

**Problem:** A graph may display incorrect results if tests it includes belong to different folders with similar long names.

**Solution:** The problem is fixed.

**Defect ID:** N\A

**Problem:** Previously, You could export/import definitions of Excel reports in Quality Center.

**Solution:** The functionality is restored. Exporting an Excel report creates an XML file that contains the report’s definitions. In the Dashboard module’s Analysis View tab, right-click and select **Export Excel Report Definition** or **Import Excel Report Definition**.

Authentication

**Defect ID:** 229195

**Problem:** Authentication fails for user names that contain the '@' character.

**Solution:** The problem is fixed.

**Limitations:**

* You cannot create a user name in Quality Center that includes the '@' character.
* When a user name containing the ‘@' character is imported via LDAP, the ‘@' character is replaced with '\_'.
* Only user names created in Quality Center versions earlier than 8.2.1 can contain the '@' character.

Client Side

**Defect ID:** 227839

**Problem:** Quality Center client installation overrides any exiting DSOFramer.ocx that might be used by other programs.

**Solution:** The problem is fixed.

Forgot Password

**Defect ID:** 229082

**Problem:** In some cases, the link included in the message that users receive to reset their password is incorrect.

**Solution:** You can define the new **PASSWORD\_RESET\_SERVER** configuration parameter in Site Administration. The following values are available:

* Server:port
* server
* port

**Limitation:** None

**Defect ID:** 228828

**Enhancement**: You can set the identity of the sender in Forgot Password e-mail messages, by defining **FROM\_EMAIL\_ADDRESS** configuration parameter in Site Administration.

Import

**Defect ID:** 228955

**Problem**: If you attempt to import a project whose **BASE\_REPOSITORY\_PATH** site configuration parameter contains a UNC path, the import fails.   
**Solution**: The problem is fixed.  
**Limitation**: None

Customization

**Defect ID:** 228621

**Problem**: A Project Administrator can change the password of other project users.  
**Solution**: The problem is fixed. Only the Site Administrator can change user passwords in Site Administration.:

Security

**Defect ID:** 228659

**Problem:** The **SQL\_QUERY\_VALIDATION\_BLACK\_LIST** site parameter does not make any impact.

**Solution:** The problem is fixed.

Site Analysis

**Defect ID:** 226707

**Problem:** In the Site Analysis filter, if you select a domain, and scroll down in the Set Filter dialog box until the domain node is no longer visible and then click **OK**, the graph does not display data from the selected domain.

**Solution:** The problem is fixed.

AIX

**Defect ID:** 227824

**Problem:** When Quality Center is installed on an AIX platform, Out of Memory errors may occur.

**Solution:** The problem is fixed.

Fields

**Defect ID:** 226401

Currently it is possible to add up to five user-defined memo fields per entity.  
A new optional site configuration parameter **EXTENDED\_****MEMO\_FIELDS** is introduced, enabling you to add up to fifteen user-defined memo fields per entity.

To enable the parameter, set its value to “Y”.

**Note:** Adding multiple memo fields to an entity can impact Quality Center performance. Carry out staging tests before increasing the number of memo fields.

Site Administration API

**Problem:**  The 'DisconnectUser' method generates an address error.

**Solution:** The problem is fixed.

**Defect ID:** 228871

Workflow

**Defect ID**: 228885

**Problem**: In certain cases, custom actions do not work as expected.

1. When changing a defect's details and using 'act\_goToDefect' to open the Go To Defect dialog box.
2. When trying to invoke a filter refresh 'actFilterRefresh' when a new requirement is created.
3. When editing a filter/sort and calling ‘act\_new\_folder’ to create a new folder in the Test Plan tree.

**Solution**: The problem is fixed.  
**Limitation**: None

**Defect ID:** 228845

A new function **GetDetailsPageName** is added to Test Plan.

The function can be used to name test plan tabs for tests. The function's header is:

**Function GetTestDetailsPageName(PageName,PageNum)**

After it is triggered, the function returns a field’s page name and number.

The following example determines the page/tab of a test's user-defined field and set's a tab name for it.

Sub Test\_MoveTo

Test Fields("TS\_USER\_01").PageNo = 1

End Sub

Thus, **GetTestDetailsPageName** can be set to name that page/tab.

Function GetTestDetailsPageName(PageName,PageNum)

On Error Resume Next

Select case PageNum

case 1

GetTestDetailsPageName="Test new tab"

On Error GoTo 0

Quality Center 10.00 Patch 4

Fixed Defects

Versioning

**Enhancement:** A new solution enables you to migrate versioned content from previous Quality Center releases to the version control in Quality Center 10.00. For more information, see HP Software Self-solve knowledge base article KM632120 (<http://h20230.www2.hp.com/selfsolve/document/KM632120>).  
**Limitation:** The solution does not support migration from Rational ClearCase.

Server Configuration

**Enhancement:** Quality Center server is verified to support Windows 2003 R2 SP2.  
**Limitation:** None.

Extensions

**Problem:** Attachments of extensions are not copied when creating a copy of an existing project.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Business Process Testing

**Problem:** In the BPT Manual Runner, the actions "ActNextStep" and "ActPassSelected" cannot be executed recursively. For example, when "ActNextStep" is called from within the “Step\_MoveTo” workflow event, an error occurs, and the action is not executed.

**Solution:** The problem is fixed.

Libraries

**Problem:** If you import a library containing a QuickTest Professional test, the import fails.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Problem:** If you synchronize a library containing a QuickTest Professional test with a baseline, in which the test has a different number of QuickTest Professional actions, the synchronized test does not open correctly in QuickTest Professional.  
**Solution:** The problem is fixed.  
**Limitation:** None.

**Problem**:  Baseline contains maximum amount of ~650 requirements.   
**Solution:** Maximum amount of requirements are now increased to 3500.  
**Limitation:** 3500

**Problem:** When building a library that contains requirements, you can select only Folder requirements in the Create Library dialog box. **Solution:** You can now select all requirement types.  
**Limitation:** None

Demo Project

**Problem:** If you create a template project from the Quality Center demo project, you cannot verify and apply the template customization to linked projects.  
**Solution:** Import the **QualityCenter\_Demo\_VC.qcp** file included with the current patch.  
**Limitation:** None.

Login

**Problem:** When a user logs in to a project in which the user does not have permissions to view the Test Plan module, a warning message is displayed.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Site Administration

**Problem:** If a project is stored on an Oracle 9.2 database and contains a large number of requirements, when you select the Requirements module, Quality Center freezes.  
**Solution:** The problem is fixed. Set the **VC\_ORACLE\_USE\_UNION** site parameter to “Y”.   
**Limitation:** This parameter should be applicable only if the database server is Oracle 9.2.  **Note:** The parameter will affect all projects

**Problem:** If you change the default directory of **hist\_directory** or **baselines\_directory** in a project’s **DATACONST** table, existing QuickTest Professional tests cannot be used.  
**Solution:** The problem is fixed.  
**Limitation:** None.

Test Lab Module

**Problem:** If you delete a test run result, the entire test folder in the Quality Center repository is deleted.  
**Solution:** The problem is fixed.  
**Limitation:** This problem still exists on VAPI-XP tests.

**Problem**: If you change the value of the test instance **Status** field in the Execution Grid tab using the **Find/Replace** dialog box, the Test Instance Properties dialog box does not reflect the change.

**Solution:** The problem is fixed.  
**Limitation:** None

Workflow

**Problem:**. The property **FieldById** does not return a value when used in Release events.  
**Solution:** The problem is fixed.  
**Limitation:** None

**Problem:** To change the value of the fields **ST\_STATUS** and **ST\_EXECUTION\_DATE**, it is necessary to call the ‘post’ method twice.  
**Solution:** The problem is fixed. You need to call the ‘post’ method only once.  
**Limitation:** None

Fields

**Problems:** If an input mask is defined for a field allowing optional digits after the decimal point, if a user enters a value without including the optional digits, an error occurs.   
**Solution:** The problem is fixed**.  
Limitation:** None

Dashboard

**Problem:** If you run Quality Center on Internet Explorer 7, after you type or paste content in the Excel report Query or Post-Processing tabs, the cursor disappears.  
**Solution:** The problem is fixed.  
**Limitation:** None

Management Module

**Problem:**. When creating a new release, in certain cases Quality Center may prompt you to enter data in all required fields, even if all the required fields are already filled.

**Solution:** The problem is fixed.  
**Limitation:** None

**Problem:** Look up lists in the Releases module do not include scroll bars. As a result, only the first six values are available.

**Solution:** The problem is fixed. **Limitation:** None

Document Generator

**Problem:** Requirement reports do not display data from the **Description** field.

**Solution:** The problem is fixed.  
**Limitation:** None

Requirements

**Problem:** When viewing the Requirements Grid in a version control enabled project, if the user name exceeds a certain length, the version control status message is truncated.

**Solution:** The problem is fixed.  
**Limitation:** None

**Problem:** If you select text in a field of a checked in requirement, after you overwrite the selected text, you need to enter the field again to continue editing.

**Solution:** The problem is fixed.  
**Limitation:** None

Site Configuration

**Problem:** The **REPLACE\_TITLE** parameter does not have any impact.

**Solution:** The problem is fixed.  
**Limitation:** None

Customization

**Problem**: After deleting a user group from a linked project, you cannot apply customization from the template project.

**Solution:** The problem is fixed.  
**Limitation:** None

**Problem:** Users of groups that are assigned the **Configure Automail** task are not able to configure automail.

**Solution:** The problem is fixed.

**Limitation:** None

QuickTest Professional

**Problem:** After installing the QuickTest Professional Add-In, Quality Center downloads all the client components again.

**Solution:** The problem is fixed.  
**Limitation:** None

Mail

**Problem**: If a message is sent to multiple users, and the SMTP server determines that some of the recipient mail addresses are not valid, the message is not delivered to the valid mail users either.

**Solution:** The problem is fixed.  
**Limitation:** None

Requirements \ Tests

**Problem**: In projects that were exported and then imported back to Quality Center, when you create a new requirement or test, an error occurs.

**Solution:** The problem is fixed.  
**Limitation:** None

Quality Center Starter edition

**Problem:** When creating a copy of an existing project, the workflow scripts are not copied.

**Solution:** The problem is fixed.  
**Limitation:** None

Manual Runner

**Problem:** When running a test set manually, field values that you provide in the Manual Runner for the first test are not applied to subsequent tests.

**Solution:** The problem is fixed.

**Limitation:** None

Site Analysis

**Problem:** For different time periods, the number of licensed users may differ slightly.

**Solution:** The problem is fixed.

**Limitation:** None

OTA

**Problem:** The **TDConnection.Password** property returns the unencrypted password.

**Solution:** The problem is fixed

**Limitation:** None

Log

**Problem:** Denied logins are not reported in the logs.

**Solution:** The problem is fixed

**Limitation:** None

Quality Center 10.00 Patch 3

Fixed Defects

Security

**Problem:** Workflow scripts are not secured.  
**Solution:** The problem is fixed.

Quality Center 10.00 Patch 2

Fixed Defects

Versioning

**Problem:** Unable to check in an entity if the user name contains spaces.  
**Solution:** The problem is fixed.  
 **Problem:** When checking out a previous version of a requirement, its attachments cannot be downloaded.  
**Solution:** The problem is fixed.

**Problem:** When working with a version control enabled project and you save a test resource as an attachment to a test, Quality Center saves it as an empty file. This problem occurs in the following situations:

* After project migration, using the HP QuickTest Professional Asset Upgrade Tool for Quality Center.
* After copying the test.
* After importing a library (with a project or across projects).

**Solution:** The problem is fixed.

**Problem:** A requirement that is already checked out to a user can still be pasted using Ctrl+ X.   
**Solution:** The problem is fixed.

**Problem:** When deleting a test, its History folder is not deleted.  
**Solution:** The problem is fixed.

**Problem:** When working in the Test Grid view, Quality Center fails to add an attachment to a test.  
**Solution:** The problem is fixed.

**Problem:** In a version control enabled project, an empty folder is created in the Tests repository folder for each manual test. This can increase the disk size of the project repository, and cause a strain on the file system. **Solution:** The problem is fixed.

**Problem:** Checking out an older version of a test resource will not restore its dependencies as they were at the time of check in. The dependencies of the checked out version are the same as the checked in version.  
**Solution:** The problem is fixed.

**Problem:** When updating multiple requirements or tests using the Update Selected command, only the first instance is updated.   
**Solution:** The problem is fixed.  
 **Problem:** Quality Center fails to check out a test if its attachments were deleted from the file system.  
**Solution:** The problem is fixed.

**Problem:** When working in Quality Center Starter Edition, in the Requirements module, when you attempt to view a previous version of a requirement, an error occurs.  
**Solution:** The problem is fixed.

Problem: When working in the Requirements module, after checking out a previous version of a requirement, the Rich Content tab still shows the previously loaded file.

**Solution:** The problem is fixed.

**Problem:** For a test type that does not have an XML metadata file, adding a test of this type to a pinned test set fails.  
**Solution:** The problem is fixed.

Libraries and Baselines

**Problem:** The following limitation occurs when you compare libraries between a version control enabled project and a project in which version control is not enabled. If you compare an imported library with the library from which is was imported, and the source baseline includes a linked requirement and test, an error occurs.  
**Solution:** The problem is fixed.

**Problem:** When you compare libraries after an attachment is added to a test in one of the libraries, the test may not be marked as “Modified” in the Compare Libraries Tool dialog box. In addition, when you import a library that includes the test, the attachment may not be imported.  
**Solution:** The problem is fixed.

**Problem:** After synchronizing libraries, if you delete an entity or folder with the same name from both libraries, subsequent synchronizations fail, and an error is written to the Quality Center Server log.  
**Solution:** The problem is fixed.  
  
  
**Problem:** When you create a baseline for a library that contains a requirement assigned to a cycle, or for a library that contains BPT tests and components, an error occurs during baseline verification.  
**Solution:** The problem is fixed

**Problem:** The following problems occur during baseline creation:

* This limitation occurs when creating a baseline for a library that contains a QuickTest test that calls another QuickTest test. If the called test is not included in the library, the Broken Links Verification log does not report the missing test, or reports an incorrect test as missing.
* The Broken Links Verification log does not report on the entity in which a missing entity is included. For example, the log reports a missing design step and not the test that includes the missing step.

**Solution:** The problem is fixed.

**Problem:** The baseline verification process is lengthy and generates a large volume of entries to the Quality Center Server logs.

**Solution:** The problem is partially fixed.

**Limitation:** Performance issues still exist during baseline verification of libraries that include business process tests and components. The solution requires adding some indexes to the Quality Center database schema. For more information, see HP Software Self-solve knowledge base article KM628020 (<http://h20230.www2.hp.com/selfsolve/document/KM628020>).

**Problem:** In a version control enabled project, when you import a library that includes a test that calls another test, or copy/paste a test that calls another test, the link to the called test is incorrect. When you check out the test, clicking the link to the called test is unsuccessful or accesses the incorrect test.  
**Solution:** The problem is fixed.  
  
**Problem:** When you delete a folder that is defined as one of a library’s root folders, the folder is also deleted from the library’s baselines.   
**Solution:** The problem is fixed. A baseline reflects the status of the library at the time the baseline was created, and is not affected by future changes to the library.  
Li**mitation:** When you delete a folder that is defined as one of a library’s root folders, the folder is also deleted from baselines that were created before the Patch 2 installation.

**Problem: Internet Explorer 7.** When working in Quality Center using Internet Explorer 7, comparing libraries or baselines may cause an error message to display.  
**Solution:** The problem is fixed.

**Problem:** When comparing baselines or libraries after an entity was both modified and moved, the entity is marked only as “Moved” in the Compare Baselines Tool or Compare Libraries Tool dialog box.   
**Solution:** The Compare Baselines Tool or Compare Libraries Tool dialog box displays the entity in its new location with the change “Modified and Moved”. The previous location of the moved entity is marked as “Moved”. When synchronizing libraries, both changes are synchronized.

**Problem:** Creating a baseline may take some time, due to the baseline verification process.  
**Solution:** The problem is fixed.

**Problem:** During the library import or synchronization process, if you click “Abort” from the “Log: Import Library” or “Log: Synchronize Libraries” dialog box, there is no indication that the library was only partially imported or synchronized.

**Solution**: The Details tab for the library now displays an error message and the “View Log” button is available.

**Problem:** This problem occurs after importing a library into a version control enabled project from a project in which version control is not enabled. When comparing the libraries, imported tests in the version control enabled project are marked as “Modified” based on a different creation time.  
**Solution:** The problem is fixed.

**Problem:** When creating a baseline for a library with a business process test or flow that has requirements coverage, and the requirement is not included in the library, the Broken Links Verification log does not report the missing requirement.  
**Solution:** The problem is fixed.

**Problem:** The Broken Links Verification log may incorrectly identify a missing test as a missing requirement.  
**Solution:** The problem is fixed.

**Problem:** This problem occurs after renaming a test parameter in a test in an imported library, and then synchronizing the library with the source library. The test parameter is displayed with the new name in the test step in which it is included, but is displayed with the previous name in the Test Parameters tab.  
**Solution:** The problem is fixed.

**Problem:** When working with a Quality Center server in a UNIX environment, the library synchronization process creates attachments with a size of zero.  
**Solution:** The problem is fixed.

**Problem:** If you synchronize libraries after a root entity was deleted from the source library, and then compare the libraries, the Compare Libraries Tool dialog box displays incorrect results.  
**Solution:** The problem is fixed.

**Problem:** The following problem occurs when working in a version control enabled project. When synchronizing an entity that is checked out by another user, the synchronization fails.  
**Solution:** The problem is fixed. The synchronization continues, ignoring checked out entities.  
**Limitation:** When you compare libraries after synchronization, the entities that were checked out by another user and therefore not synchronized are not marked as modified in the Compare Libraries Tool dialog box, although they may have been modified.

**Problem:**  The following problem occurs if a folder is created in a library during synchronization, and the folder is then deleted from the source library. If you compare or create a baseline for the source library, an error message is displayed.  
**Solution:**  The problem is fixed.

**Problem:** During synchronization in a version control enabled project, if an entity is moved into a folder that already contains an entity with the identical name, the synchronization fails.

**Solution:** The problem is fixed. Quality Center checks out, renames, and checks in the entity that is being moved.

**Limitation:** Quality Center must check out and check in the entity more than once, resulting in the version number increasing several times during synchronization.

**Problem:** When you define a cross-filter for a graph and select the **Baseline** field, the Select Filter Condition dialog box displays the options “Y” and “N” instead of displaying the Libraries tree.  
**Solution:** The problem is fixed.

**Problem:** When you view a version of a test stored in a baseline, the Details dialog box displays the Linked Defects button on the sidebar, although defects are not included in the baseline.  
**Solution:** The problem is fixed.

Sharing

**Problem:** When comparing and synchronizing a business component, there is no indication for the addition, deletion, or modification of a snapshot and the snapshot is not synchronized.

**Solution:** The problem is fixed.

**Problem:** You cannot view the automation content of business components when comparing components in a version-enabled project.

**Solution:** The problem is fixed.

**Problem:** Baselines verification fails when capturing the baseline for a business process test or flow with a business component outside the library.

**Solution:** The problem is fixed.

**Problem:** On a very large project, with a large number of business process tests and flows, the verification of the captured baseline, including the business process tests and flows, might freeze due to performance issues.

**Solution:** The problem can be fixed by adding appropriate DB indexes. Create indexes in the DB using the following SQL statements:

MSSQL:

CREATE INDEX BP\_PARAM\_REF\_ID\_IDX

ON <project>.BP\_PARAM(BPP\_REF\_ID)

GO

CREATE INDEX BP\_PARAM\_ID\_PARAMID\_IDX

ON <project>.BP\_PARAM(BPP\_ID, BPP\_PARAM\_ID)

GO

CREATE INDEX BP\_PARAM\_REF\_ID\_ID\_IDX

ON <project>.BP\_PARAM(BPP\_ID, BPP\_REF\_ID)

GO

CREATE INDEX BP\_PARAM\_ID\_BPC\_ID\_IDX

ON <project>.BP\_PARAM(BPP\_BPC\_ID, BPP\_ID)

GO

CREATE INDEX BP\_ITER\_PARAM\_ID\_BPP\_BPI\_IDX

ON <project>.BP\_ITER\_PARAM(BPIP\_ID, BPIP\_BPI\_ID, BPIP\_BPP\_ID)

GO

CREATE INDEX BC\_ID\_CO\_ID\_IDX

ON <project>.BPTEST\_TO\_COMPONENTS(BC\_ID, BC\_CO\_ID)

GO

Oracle:

CREATE INDEX BP\_PARAM\_REF\_ID\_IDX

    ON <project>.BP\_PARAM(BPP\_REF\_ID)

/

 CREATE INDEX BP\_PARAM\_ID\_PARAMID\_IDX

    ON <project>.BP\_PARAM(BPP\_ID, BPP\_PARAM\_ID)

/

 CREATE INDEX BP\_PARAM\_REF\_ID\_ID\_IDX

    ON <project>.BP\_PARAM(BPP\_ID, BPP\_REF\_ID)

/

 CREATE INDEX BP\_PARAM\_ID\_BPC\_ID\_IDX

    ON <project>.BP\_PARAM(BPP\_BPC\_ID, BPP\_ID)

/

 CREATE INDEX BP\_ITER\_PARAM\_ID\_BPP\_BPI\_IDX

    ON <project>.BP\_ITER\_PARAM(BPIP\_ID, BPIP\_BPI\_ID, BPIP\_BPP\_ID)

/

CREATE INDEX BC\_ID\_CO\_ID\_IDX

   ON <project>.BPTEST\_TO\_COMPONENTS(BC\_ID, BC\_CO\_ID)

/

**Problem:** Synchronization of business process tests and flows is not possible.

**Solution:** The problem is fixed. Full synchronization of business process tests and flows is now possible.

**Problem:** When comparing or importing libraries consisting of flows that are linked to a requirement, the compare fails.

**Solution:** The problem is fixed.

**Problem:** When comparinglibraries, modifications to flows are not recognized after importing to a new project.

**Solution:** The problem is fixed.

**Problem:** When comparing automated business components between libraries, an error message sometimes opens when opening the Automation tab in the Component Details dialog box.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, an error message opens when trying to view the Test Script tab of an obsolete business component from a baseline.

**Solution:** The problem is fixed.

**Problem:** When comparing libraries, the baseline's details display current changes although they are not captured in the compared baseline.

**Solution:** The problem is fixed.

**Problem:** Synchronization of an automated business component does not work on a Linux server.

**Solution:** The problem is fixed.

**Problem:** Importing a library does not copy the run-time parameters of business process tests.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, the baseline after synchronization captures modifications in a business component’s design steps although it is checked out.

**Solution:** The problem is fixed.

**Problem:** An error message opens when synchronizing an automated business component after changing its application area.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, the import of business process test parameters causes a "type mismatch" indication.

**Solution:** The problem is fixed.

**Problem:** The synchronization of an automated business component sometimes fails.

**Solution:** The problem is fixed.

**Problem:** Importing between different projects does not import flow parameters.

**Solution:** The problem is fixed.

**Problem:** The Snapshot tab is not displayed in the Compare Components tool.

**Solution:** The problem is fixed.

**Problem:** After removing requirements coverage from a flow in a captured baseline, the change is not recognized when compared to the current baseline.

**Solution:** The problem is fixed.

**Problem:** After adding or deleting a business component parameter and modifying the same component within a flow in a captured baseline, the flow's modifications are not recognized when compared to the current baseline.

**Solution:** The problem is fixed.

**Problem:** After deleting a business component in a business process test or flow in a captured baseline, the change is not recognized when compared to the current baseline.

**Solution:** The problem is fixed.

Management Module

**Problem:** The **Attachment\_New** and **Attachment\_CanDelete** workflow events do not work in Management Module.

**Solution:** The problem is fixed.

Requirements module

**Problem:** When working in the requirements tree, you cannot select multiple requirements using the Shift key.  
**Solution:** The problem is fixed.

**Problem:** In the Requirements module, the Test Coverage chart is not affected by the **Coverage calculation by cycle** filter.

**Solution:** The problem is fixed.

Business Components Module

**Problem:** When comparing libraries, changes that were made to the steps in an automated business component that was not checked in are displayed in the compare, and all steps are numbered Step 1.

**Solution:** The problem is fixed.

**Problem:** An error message opens when attempting to launch QuickTest Professional with a synchronized scripted business component.

**Solution:** The problem is fixed.

**Problem:** Renaming a component is not possible from the Design Step, Automation, and Dependencies tabs.

**Solution:** The problem is fixed.

**Problem:** When updating business component steps in the Component Step Editor dialog box, only the changes to the last edited step are saved.

**Solution:** The problem is fixed.

**Problem:** Adding a snapshot to a business component fails on a Linux server.

**Solution:** The problem is fixed.

**Problem**: An inappropriate error message opens when moving a business component to a folder containing a component with the same name.

**Solution:** The problem is fixed.

**Problem:** On some upgraded projects, it is sometimes impossible to restore an obsolete business component.

**Solution:** The problem is fixed.

**Problem:** Using the Ctrl+C keyboard shortcut in the Internet Explorer address line copies the selected business component instead of the selected URL text.

**Solution:** The problem is fixed.

**Problem:** Copying an automated business component does not copy its associated application area.

**Solution:** The problem is fixed.

**Problem:** Copying and pasting business components with application areas does not display values in the Application Area and Resources tabs inside the Dependencies tab.

**Solution:** The problem is fixed.

**Problem:** Copying and pasting an automated business component between projects including all the component’s linked assets does not copy its object repository.

**Solution:** The problem is fixed.

**Problem:** The Business Component Memo User Defined Field appears twice in the Details tab.

**Solution:** The problem is fixed.

**Problem:** The Delete Entity dialog box opens when deleting a business component (Deleting business components cannot harm any external relations).

**Solution:** The problem is fixed.

**Problem:** No confirmation message opens when clearing the filter in the Business Components module.

**Solution:** The problem is fixed.

**Problem:** When converting a manual test to a component, it is possible to create a folder in the Business Components module with an invalid name, or with restricted characters in its name.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, the Check Out dialog box is opened when trying to rename a folder in the Business Components module.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, an error message opens when trying to modify values in the Parameters tab of a checked-in business component.

**Solution:** The problem is fixed.

**Problem:** It is possible tomanually change the parameter order of a checked-in business component.

**Solution:** The problem is fixed.

**Problem:** When checking out an old version, the Parameters tab is displayed as it appeared in the last version, while the other tabs display correctly.

**Solution:** The problem is fixed.

**Problem:** Reports and graphs are unavailable for business components, business process tests, and flows.

**Solution:** The problem is fixed.  
**Limitation:** In order for the “Business Process Tests with Script” report to display complete test script information, a report template file needs to be installed on the Quality Center server. KB article KM628026 provides instructions for manually installing the report template file. See <http://support.openview.hp.com/selfsolve/document/KM628026>

Test Plan Module

**Problem:** When editing a business process test, business components become ungrouped when switching to another tab and back.

**Solution:** The problem is fixed.

**Problem:** An information message opens each time you move the horizontal scroll bar in the Group Iterations dialog box.

**Solution:** The problem is fixed.

**Problem:** Repeatedly clicking the Save button in the Test Script tab for a business process test can cause Quality Center to stop responding.

**Solution:** The problem is fixed.

**Problem:** Virtual memory is sometimes not released when editing business process tests or flows in the Test Plan module.

**Solution:** The problem is fixed.

**Problem:** An “Unexpected Iteration” error message opens after deleting a business component with an output parameter that is connected to an input parameter of the next business component.

**Solution:** The problem is fixed.

**Problem:** An "Invalid Index" message opens when adding group iterations and defining flow parameters.

**Solution:** The problem is fixed.

**Problem:** An "Access Violation" error message opens when deleting two component groups in a flow in one action, and the deletion fails.

**Solution:** The problem is fixed.

**Problem:** An “Access Violation” error message opens when trying to drag a flow to the Test Script pane from the Test Plan tree.

**Solution:** The problem is fixed.

**Problem:** When components are contained both inside and outside a group, iterations added to the group are also added to the components not in the group.

**Solution:** The problem is fixed.

**Problem:** When changing a flow contained inside a business process test, anerror message opens and the Test Script tab is corrupted.

**Solution:** The problem is fixed.

**Problem:** An error message opens when moving a business component that was created and checked-in in QuickTest Professional from one folder to another, and the move fails.

**Solution:** The problem is fixed.

**Problem:** In a version-controlled project, you cannot check in a flow after promoting the same output parameters of several business components.

**Solution:** The problem is fixed.

**Problem:** An error message opens when copying and pasting a filter in Test Plan with the Business Components cross-filter checkbox selected.

**Solution:** The problem is fixed.

**Problem:** In the Test Grid view in Test Plan, the Convert to Component option for manual tests is disabled in the module menu.

**Solution:** The problem is fixed.

**Problem:** The Convert to Component button is missing in the Test Plan Tree view.

**Solution:** The problem is fixed.

**Problem:** When trying to convert a manual test to a business component, an error message sometimes opens if the manual test contains a step that is missing the step name, description, or expected result.

**Solution:** The problem is fixed.

**Problem:** When importing a folder of manual tests within the same project, the values of the called manual tests are not copied.

**Solution:** The problem is fixed.

**Problem:** The operation of copying tests along with called tests and related test resources takes a long time to complete.

**Solution:** The problem is fixed.

Test Lab Module

**Problem:** When modifying parameter values in the Manual Runner dialog box, an error occurs.  
**Solution:** Parameter values can no longer be modified in the Manual Runner dialog box. This option is now read-only.

**Problem:** The run condition in a flow is ignored if an input parameter is the output of a previous component.

**Solution:** The problem is fixed.

**Problem:** An error message opens when running partial iterations of an automated business process test containing grouped flows.

**Solution:** The problem is fixed.

**Problem:** An error message opens when trying to continue a manual run of a flow that was previously run automatically.

**Solution:** The problem is fixed.

**Problem:** You cannot copy and paste a test set between projects when the test set includes both a manual and an automatic business process test or flow.

**Solution:** The problem is fixed.

**Problem:** When a test set is run, there are multiple calls to the server causing performance issues.

**Solution:** The problem is fixed.

**Problem:** User Defined Fields of type “Memo” from test steps are displayed in the Last Run Result area for component steps.

**Solution:** The problem is fixed.

**Problem:** You cannot check in a business process test if the test is currently being viewed by another user.

**Solution:** The problem is fixed.

Analysis Module

**Problem:**In the Dashboard module, the Export Dashboard Page feature is not included.

**Solution:**   The problem is fixed.

**Problem:**In the Configuration tab of a Test Instances Summary Graph, several system fields are unavailable in the Grouped By and X-Axis drop-down lists.

**Solution:**   The problem is fixed.

**Problem:**Users with permissions to view reports may receive a permission error when viewing certain reports (for example, Test Plan Report with Linked Defects sub-report).

**Solution:**   The problem is fixed.

**Problem:** When drilling down from a Test Instances cross-project graph to records in a remote project, an error message displays and the records are not displayed.

**Solution:** The problem is fixed.

**Limitation:** If the remote project is already open in a browser window when the user drills down to the remote project, the browser window does not automatically come into focus.

**Problem:** In the test set tree, if you select another test set while a tab other than Execution Grid is selected, and then create a report of the selected test set (**Analysis** > **Reports** > **Report Selected**), the report displays test instances of the previously selected test set.

**Solution:**   The problem is fixed.

**Problem:** On client machines with Windows 2000 Professional and Office 2000, the Document Generator does not produce documents.

**Solution:**   The problem is fixed.

**Problem:** The **Bug\_New** workflow event is triggered whenever a report is generated that includes the Linked Defects sub report.

**Solution:**   The problem is fixed.

**Problem:** In the Document Generator, documents in **Full page** layout do not display many of the system fields, although they are selected in Document Generator customization, and include valid data.

**Solution:**   The problem is fixed.

**Problem:** Document Generator does not generate documents that include graphs.

**Solution:**   The problem is fixed.

**Problem:** The progress bar that displays while Document Generator is running does not display on Vista clients.

**Solution:**   The problem is fixed.

**Problem:** In the Dashboard module, help does not display when pressing the **F1** key.

**Solution:**   The problem is fixed.

**Problem:** When viewing progress graphs in Data Grid view, a hand cursor is displayed, although no click actions are possible.

**Solution:**   The problem is fixed.

**Problem:** Standard reports with sub-reports that were created in Quality Center 9.0 or 9.2, and upgraded to Quality Center 10.00, are unusable.

**Solution:** The problem is fixed. After the patch is installed, upgrade the project.

**Limitation:** If projects were upgraded to Quality Center 10.00 before this patch, their standard reports are unusable.

**Problem:** When you paste an analysis item in another project, and an analysis item with the same name already exists, an error occurs. **Solution:** The problem is fixed.

Workflow

**Problem:** The AddComponentToTest event is not executed when a Component Request is created.

**Solution:** The problem is fixed.

**Problem:** The Component Step Editor dialog box freezes when the ComponentStep\_MoveTo event is executed.

**Solution:** The problem is fixed.

Drop Down fields in modules: ‘Management’, ‘Test Resources’ and ‘Dashboard’

**Problem:** The up and down keys do not work in drop-down fields. **Solution:** The problem is fixed.

Site Admin

**Problem:** When upgrading, the **Continue to next project if upgrade failed** option does not work in the Upgrade Domain dialog box. **Solution:** The problem is fixed.

**Problem:** When working with imported projects, slow performance problems may occur.   
**Solution:** After installing the patch, upgrade the imported project.

LDAP server authentication

**Problem:** The **Forgot Password** link is always visible in the HP Quality Center Login window, even when the LDAP authentication is enabled. **Solution:** The **Forgot Password** link does not display if LDAP authentication is enabled, or if the value of the Site Configuration parameter PASSWORD\_RESET\_DISABLE is “Y”.

Cross Project Customization

**Problem:** Module access customization is not applied to linked projects. When defining a new group in a template and then applying the customization to a linked project, access to all Quality Center modules is disabled for the new group.  
**Solution:** The problem is fixed.  
**Limitation:** After customization is applied, the new group created in the linked project can access all modules. Any further modifications to module access for the template group are not applied to the linked project.  
**Workaround:** The project administrator can customize module access for the new user group in the linked project.

**Problem:** The Cross Project Customization Report does not contain search functionality.  
**Solution**: The problem is fixed. A **Search** button is now available in the report, enabling you to search for specific text.

Integration with QTP

**Problem:** When working with a version control enabled project, an error occurs when creating a QuickTest Professional test from a Quality Center client machine. This problem occurs when Quality Center is installed on Linux or HP-UX platforms.  
**Solution:** The problem is fixed.  
 **Problem:** When working with a version control enabled project, it is possible to check in tests and test resources from Quality Center while they are still open in QuickTest, and then make changes to the test and test resources from QuickTest.  
**Solution:** The problem is fixed.

Documentation

This patch installs a new version of the Quality Center Documentation Library, providing updated and improved documentation.

**Problem:** Quality Center Documentation Library did not include the Quality Center Tutorial and Business Process Testing Tutorial.  
**Solution:** The problem is fixed.

Quality Center 10.00 Patch 1

Site Administration

**Problem:** If Quality Center Site Administration schema is installed on Microsoft SQL data base server with Windows authentication Quality Center does not function properly.  
**Solution:** The problem is fixed.

Cross Project Customization

**Problem:** You can’t perform ‘cross project customization’ to or from Quality Center projects with Microsoft SQL data base schema, whose collation is 950 (Chinese Traditional) or 936 (Chinese Simplified) or 932 (Japanese).  
**Solution:** The problem is fixed.

Drop Down fields in modules: ‘Management’, ‘Test Resources’ and ‘Dashboard’

**Problem:** When trying to select values in drop down fields, an error message might display.  
**Solution:** The problem is fixed.

Demo Project

**Problem:** The Quality Center demo project that is with Quality Center does not support version control.  
**Solution:** This patch includes a demo project file that allows you to demonstrate version control.   
In Site Administration, import the **QualityCenter\_Demo.qcp** file.

Appendix: Offline Execution

Offline Execution

Prerequisites

1. When executing a test in parallel execution mode on a local machine, the logged on user must have com+ permissions.
2. When executing a test in parallel execution mode on a remote machine, the user that is logged on to the QC machine must have com+ permissions on the QTP machine.

If the user wants to set com permission only for the parallel execution component the component’s CLSID is E87FE777-D056-4B29-8509-5FC858B8111D.

Troubleshooting

1. **Problem** - When executing a QTP test in Parallel execution mode on a local machine with Windows 2003 and the machine is connected in RDP I get the message –“Failed to create Offline Execution RA after registration”

**Solution** - When connecting to a pc in Remote Desktop connection to a machine with Windows 2003 the operating system creates a new remote session, not like other operating systems (XP,vista,2007) which creates the default session (Session 0) .

In order to execute the parallel execution feature in RDP machine, the connection must be session 0.

If the user wants to use the parallel execution feature on an RDP machine with Windows 2003, the connection must be done with the switch console/Admin.

**How?**

If you are RDP connection is made from a machine with Vista execute the command line, mstsc /Admin.

In other operating systems, execute the command line, mstsc/Console.

1. **Problem** - When executing a QTP test in Parallel execution mode on a remote machine with Windows version 2003 and greater I get the message –“Failed to create Offline Execution RA after registration”

**Solution** – This usually indicates that the remote activation for com+ is disabled. To enable this functionality use the Configure Your Server Wizard and select the Web Application Server role.

1. **Problem** - When executing a test in parallel execution mode in a local/remote machine I get the error – “method host\_unlock not supported by automation object”

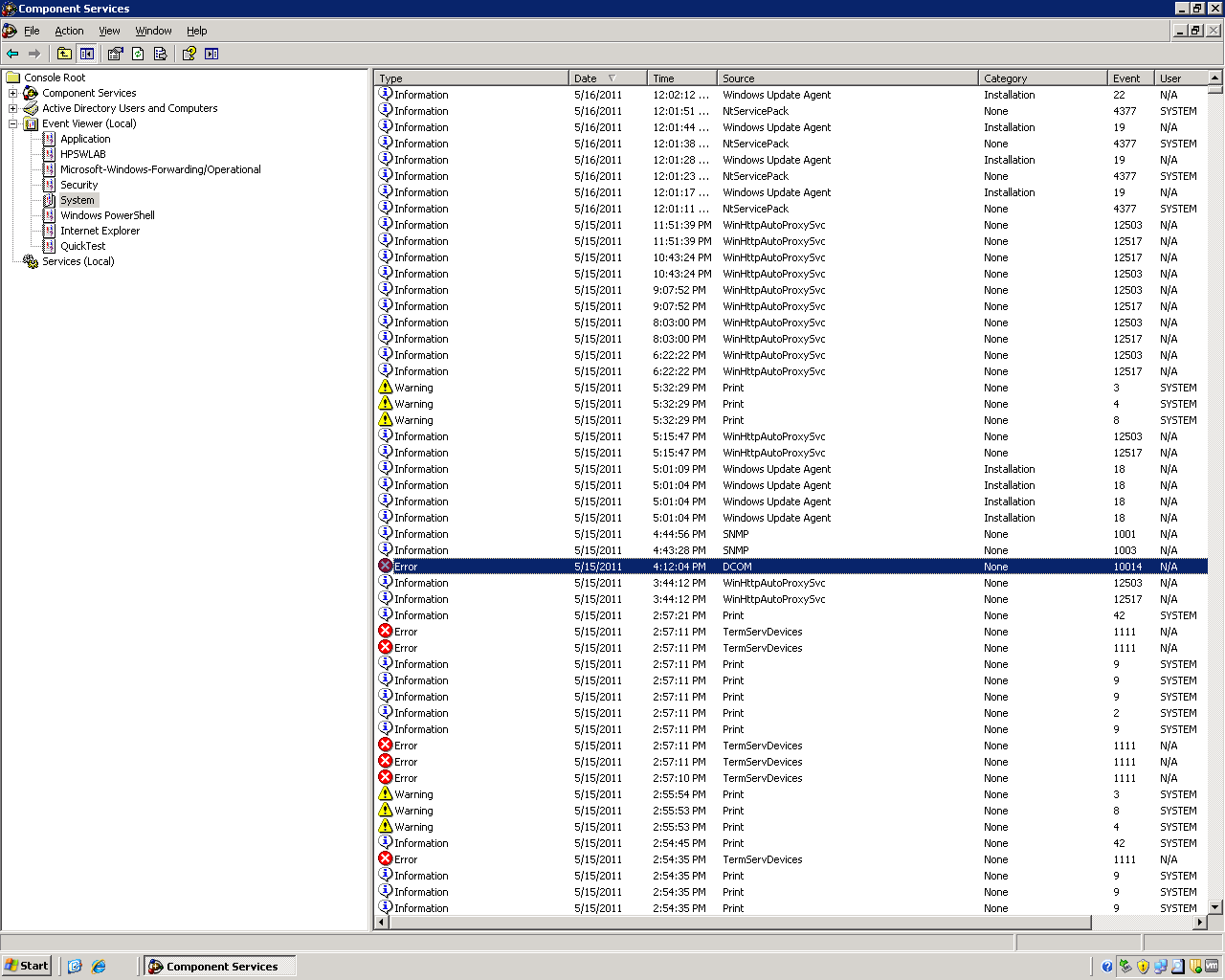
**Solution** – This error indicates that the QTP version you are using is incorrect. You should use QTP patch 731.

1. **Problem**- I did all the actions in this document but I still get the message –“Failed to create Offline Execution RA after registration”

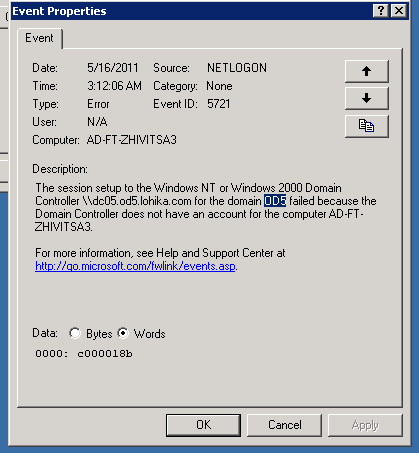
**Solution**- Go to the Event viewer-System and see what the error is.

How?

1. Go to Start 🡪 Run and type “dcomcnfg” - A Components Service view will open-

****

1. In Windows 2007 go to Event Viewer 🡪Windows Log 🡪 System , In other OS go to Event Viewer🡪Operating System
2. Search for an error and double click on it, An information log will appear –

****

Read the information and follow the instructions.

Known issue

**Problem -** Execution in parallel mode on machines with Windows 2003 and Windows XP that are not located in NT domain is not possible.

**Solution -** Execute QTP tests on this machine in regular mode.

Installation Instructions

This patch is intended to be installed on a server on which HP Quality Center 10.00 is already installed. To check the version you are using, select **Help > About HP Quality Center Software**.

Installing the Patch

This section describes how to install the patch on your server machine.

**Notes:**

* Before installing the patch, make sure that all users log off Quality Center. You can check active connections in the Site Administration **Site Connections** tab.
* If you are using clustering for Quality Center, make sure you install the patch on all nodes of the cluster.
* If you are using WebLogic or WebSphere as the application server, you must undeploy **qcbin.war** before installing the patch.

After the patch is installed, the first time you log in to Quality Center, new files are downloaded and installed on your client machine. If file downloads are prohibited through your browser, you can install these files from HP Quality Center Client Side Setup Add-in on the HP Quality Center Add-ins page, or contact HP Customer Support (<http://support.openview.hp.com/>) for assistance.

To install the patch on Quality Center Premier Edition and Enterprise Edition:

1. On your Quality Center server machine, run the appropriate patch setup file for your server's platform.

|  |  |
| --- | --- |
| **Platform** | **To install:** |
| **Windows** | Run the **setup.exe** file. |
| **Solaris or Linux** | To install on a Solaris platform, in the command prompt, type: **./setupSolaris.bin -console**  To install on a Linux platform, in the command prompt, type: **./setupLinux.bin -console** |
| **AIX** | To install on an AIX platform, in the command prompt, type:  **./setupAix.bin -console** |
| **HP-UX** | To install on an HP-UX platform, in the command prompt, type: **./hpux\_setup.bin -console** |

1. After installing the patch, deploy the Quality Center **.war** file on the Quality Center server machine.

* If you are using JBoss as the application server, select **Deploy files on JBoss** to deploy the file automatically during the installation process.
* If you are not using JBoss, or did not select **Deploy files on JBoss**, proceed to the section **Deploying the Archive File Manually**.

**Deploying the Archive File Manually**

To apply the patch changes, you must redeploy the Quality Center **.war** file. The following instructions describe how to manually deploy the **.war** file after installing the patch.

To deploy the archive file manually:

1. Stop the Quality Center service.

* If you are using JBoss on Windows, stop Quality Center by right-clicking the system tray icon, and selecting **Stop Quality Center**.
* If you are using JBoss on a non-Windows machine, stop JBoss by running **run.sh -stop** from the console.
* If you are using WebLogic or WebSphere, stop the server using the WebLogic or WebSphere Management Console.

1. Undeploy the qcbin application from the application server.

* If you are using JBoss, move the **<QC\_home\_directory>\jboss\server\default\deploy\20qcbin.war** file to a different directory. Do not rename the file and leave it in the current directory, as JBoss will try to redeploy it on startup.
* If you are using WebLogic or WebSphere, undeploy the qcbin application using the WebLogic or WebSphere Management Console. In addition, copy the **qcbin.war** file to another directory.

1. Deploy the file to the application Server.

* If you are using JBoss, copy the **qcbin.war** file from the application folder to the JBoss deployment folder (for example, ...\jboss\server\default\deploy). Rename the copied file to **20qcbin.war** respectively.
* If you are using WebLogic, redeploy the **qcbin.war** application using the WebLogic Management Console. For more information, see HP Software Self-solve knowledge base article KM188675 (<http://h20230.www2.hp.com/selfsolve/document/KM188675>).
* If you are using WebSphere, redeploy the **qcbin.war** application by following the instruction in HP Software Self-solve knowledge base article KM191173 (<http://h20230.www2.hp.com/selfsolve/document/KM191173>).

1. Start the Quality Center service.

To install the patch on Quality Center Starter Edition:

**Install when there are no previous patches installed:**

On your Quality Center server machine, run the patch setup file included in the patch package: EN\setup.exe

Important: The patch automatically identifies the correct installation path on your server machine. Do not change the default path.

**Installing when a previous patch already exists**:

1. Uninstall current patch using the 'EN\setup.exe' out of the current installed patch folder. For example, if the current installed patch is '4' run 'EN\setup.exe' from patch's 4 folder

2. Run the Quality Center SE GA installation and select 'Repair' option. (Configuration dialog will start. Type license, mail server and site administrator name). Note: the 'remove' option will uninstall Starter fully

3. Run the new patch installation

Note:

* + Installation of patch might take up to an hour
  + Projects became inactive after installation of the new patch and needed to be reactivated
  + Do not remove patch using 'add/remove programs’ option.
  + It is mandatory to remove current patch before installing the new. When you try to install patch and other patch is installed you will receive the error "Another version of this product is already installed"

Uninstalling the Patch

This section describes how to uninstall the patch from your server machine.

**Notes:**

* If you are using clustering for Quality Center, make sure you uninstall the patch on all nodes of the cluster.
* If you are using WebLogic or WebSphere as the application server, undeploy **qcbin.war** before uninstalling the patch.

To uninstall the patch from Quality Center Premier Edition and Enterprise Edition:

Run the uninstall program located in <QC\_home\_directory>\Patches\Quality Center 10.00 Patch<Patch number>\\_uninst\

To uninstall the patch manually:

Undeploy the **qcbin.war** file that came with the patch installation, and redeploy the old .war file that you moved to a different directory.

To uninstall the patch from Quality Center Starter Edition:

1. Uninstall the patch using the 'EN\setup.exe'.

2. Run the Quality Center SE GA installation and select 'Repair' option.

3. Configuration dialog will start. Type license, mail server and site administrator name.

System Requirements

This section includes recommended and supported environments for HP Quality Center. It also describes system configurations for installing for Quality Center Starter Edition.

**Important:** For the most up-to-date supported environments, please refer to the HP Software Web site using the following URL: <http://www.hp.com/go/TDQC_SysReq>

Server Recommended Environments

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Application Server** | **Database Server** | **Web Server** |
| Windows Server 2003 (SP2) 64 bit | JBoss 4.0.4 | Microsoft SQL 2005 (SP2) | JBoss 4.0.4 |
| Sun Solaris 10 64 bit | WebLogic 9.2 | Oracle 10.2.0.3 | Apache 2.2 |
| AIX 5.3 64 bit | WebSphere 6.1 | Oracle 10.2.0.3 | IHS Server |
| Linux Red Hat 4.5 64 bit | WebLogic 9.2 | Oracle 10.2.0.3 | Apache 2.2 |
| HP-UX 11i v3 64 bit | JBoss 4.0.4 | Oracle 10.2.0.3 | JBoss 4.0.4 |

Server supported Environments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Operating System** | **Application Server** | **Database Servers** | **Web Servers** | **Notes** |
| Windows Server 2003  SP2 32 bit or 64 bit | JBoss 4.0.4 or 4.x | Oracle 9.2.0.6 or 10.2.0.3 | JBoss 4.0.4 or 4.x | GA |
| Windows Server 2008 32  and 64 bit | WebLogic 9.2 or 10 | Microsoft SQL 2005 (SP2) | Apache 2.x | GA |
| Sun Solaris 9 or 10 64 bit | WebSphere 6.1 |  | IIS 6 | GA |
| AIX 5.3 64 bit |  |  | WebLogic 9.x or 10.x | GA |
| Linux Red Hat 4.5 or 5 |  |  | IHS Server | GA |
| Linux Suse 10 64 bit |  |  |  | GA |
| HP-UX 11i v2 (PA-RISC)  or v3 64 bit |  |  |  | GA |
| Windows 2003 R2 SP2 32 bit  or 64 bit |  |  |  | patch 4 |
|  |  | Microsoft SQL 2005 (SP3) |  | patch 8 |
|  |  | Microsoft SQL 2008 SP1 |  | patch 12 |
|  |  | Oracle 10.2.0.4 |  | Patch 16 |
|  |  | Oracle 11.2.0.1 |  | Patch 16 |
| Windows 2008 R2 |  |  |  | Patch 22 ( by support request only) |
|  |  | Microsoft SQL 2008 SP2 |  | Patch 25 |
| Windows 2008R2 SP1 |  |  |  | Patch 27 |
|  |  | Oracle 11.2.0.2 |  | Patch 27 |
| SUSE 10 SP4 x64 |  | MS SQL 2008 R2 SP1 x64 |  | Patch 30 |

* See specific patch ReadMe above

Server System Configurations for Starter Edition

|  |  |
| --- | --- |
| **Operating System** | **Notes** |
| Windows XP (SP2) | GA |
| Windows Server 2003 SP2 32 bit | patch 5 |

Client-Side System Requirements

|  |  |  |
| --- | --- | --- |
| **Operation System** | **Browser** | **Notes** |
| Windows XP (SP2) 32 bit, or (SP3) 32 bit (Recommended) | Microsoft Internet Explorer 6.0 SP1 | GA |
| Window Vista (SP1) 32 bit | Microsoft Internet Explorer 7.0 | GA |
| Windows 2000 32 bit | Quality Center Explorer | GA |
|  | Internet Explorer 8 | patch 5 |
| Windows XP SP3 |  | patch 9 |
| Windows 7 32 bit |  | patch 12, See ReadMe above |
| Windows 7 64 bit |  | patch 18, See ReadMe above |
|  | Microsoft Internet Explorer 9.0 | Patch 25, See ReadMe above |
| Windows 2008 R2 |  | Patch 25 |
| Vista SP2 32bit |  | Patch 27, See ReadMe above |
| Windows 7 SP1 x64 |  | Patch 30 |

Note: QC 10.*00 client is certified on Windows 7  64-bit. However, the Quality Center client is still a 32-bit application that is based on ActiveX 32-bit and runs under WOW64 (the Windows 32-bit On Windows 64-bit emulator).*

*To enable the Quality Center on Windows 7 64-bit, use a 32-bit instance of Internet Explorer. By default, 32-bit Internet Explorer is located in "C:\Program Files (x86)\Internet Explorer".*

*To verify that the client process is running in the emulation mode – open the Windows Task Manager Processes tab. All 32-bit processes should be marked with\*32.*

*For more details regarding this limitation, see:*

[*http://support.microsoft.com/kb/282423*](http://support.microsoft.com/kb/282423)

*For more details regarding WOW64, see:*

[*http://msdn.microsoft.com/en-us/library/aa384249(v=VS.85).aspx*](http://msdn.microsoft.com/en-us/library/aa384249(v=VS.85).aspx)

Other

|  |  |
| --- | --- |
| **Certified component** | **Notes** |
| jdk 1.5.0\_20 for jboss | patch 5 |
| New JDBC driver 4.0.027917 | patch 12 |
| JDBC 4.1 | Patch 16 |
| VMWare ESX 4.0 | Patch 16 |
| Microsoft Office 2010 | Patch 23 |
| Citrix 6.0 for QC Client | Patch 25 |
| VMWare ESX 4.1i | Patch 27 |

Support

HP Software Support

You can visit the HP Software Support Web site at: [www.hp.com/managementsoftware/services](http://www.hp.com/managementsoftware/services)

HP Software online support provides an efficient way to access interactive technical support tools. As a valued support customer, you can benefit by using the support site to:

Search for knowledge documents of interest

Submit and track support cases and enhancement requests

Download software patches

Manage support contracts

Look up HP support contacts

Review information about available services

Enter into discussions with other software customers

Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract. To find more information about access levels, go to: [www.hp.com/managementsoftware/access\_level](http://www.hp.com/managementsoftware/access_level)

To register for an HP Passport ID, go to: [www.managementsoftware.hp.com/passport-registration.html](http://www.managementsoftware.hp.com/passport-registration.html)

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