



Quest[®] vWorkspace 7.0

What's New



**© 2009 Quest Software, Inc.
ALL RIGHTS RESERVED.**

This guide contains proprietary information protected by copyright. The software described in this guide is furnished under a software license or nondisclosure agreement. This software may be used or copied only in accordance with the terms of the applicable agreement. No part of this guide may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording for any purpose other than the purchaser's personal use without the written permission of Quest Software, Inc.

The information in this document is provided in connection with Quest products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of Quest products. EXCEPT AS SET FORTH IN QUEST'S TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, QUEST ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL QUEST BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF QUEST HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Quest makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Quest does not make any commitment to update the information contained in this document.

If you have any questions regarding your potential use of this material, contact:

Quest Software World Headquarters
LEGAL Dept
5 Polaris Way
Aliso Viejo, CA 92656
www.quest.com
email: legal@quest.com

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

Trademarks

Quest, Quest Software, the Quest Software logo, AccessManager, ActiveRoles, Aelita, Akonix, AppAssure, Benchmark Factory, Big Brother, BusinessInsight, ChangeAuditor, ChangeManager, DeployDirector, DirectoryAnalyzer, DirectoryTroubleshooter, DS Analyzer, DS Expert, ERDisk, Foglight, GPOAdmin, Imceda, IntelliProfile, InTrust, Invirtus, iToken, I/Watch, JClass, Jint, JProbe, LeccoTech, LiteSpeed, LiveReorg, LogAdmin, MessageStats, Monosphere, NBSpool, NetBase, NetControl, Npulse, NetPro, PassGo, PerformaSure, Quest Central, Quest vToolkit, Quest vWorkSpace, ReportAdmin, RestoreAdmin, SelfServiceAdmin, SharePlex, Sitraka, SmartAlarm, Spotlight, SQL LiteSpeed, SQL Navigator, SQL Watch, SQLab, Stat, StealthCollect, Storage Horizon, Tag and Follow, Toad, T.O.A.D., Toad World, vAutomator, vControl, vConverter, vFoglight, vOptimizer Pro, vPackager, vRanger, vRanger Pro, vSpotlight, vStream, vToad, Vintela, Virtual DBA, VizionCore, Vizioncore vAutomation Suite, Vizioncore vBackup, Vizioncore vEssentials, Vizioncore vMigrator, Vizioncore vReplicator, Vizioncore vTraffic, Vizioncore vWorkflow, WebDefender, Webthority, Xaffire, and XRT are trademarks and registered trademarks of Quest Software, Inc in the United States of America and other countries. Other trademarks and registered trademarks used in this guide are property of their respective owners.

Quest vWorkspace What's New
Updated - December 2009
Software Version - 7.0.312

What's New in Quest vWorkspace 7.0

Information about the new features in the **Quest vWorkspace** version **7.0** release is included in this guide. Read the material to familiarize yourself with the new features and review further information about them in the *Quest vWorkspace version 7.0* product documentation.

It is important that you review *all* of the documentation so that you understand any changes or known issues in relation to this release.

Features

- **vWorkspace VMware Linked Clones Integration**
- **VMware Reprovision Support**
- **Sysprep Customizations**
- **Platform Support**
- **Enhancements to Graphics Acceleration**
- **Enhanced Bidirectional Audio**
- **Flash Redirection**
- **Quest vWorkspace Virtual USB Hub Client**
- **Web Access Features**
- **New RDP Performance Options**
- **PNShell for VDI**
- **New Client CAB File**
- **PNTools**
- **Other Features**
- **Internet Explorer Redirection (Experimental)**

vWorkspace VMware Linked Clones Integration

vWorkspace Management Console now has the ability to rapidly provision virtual machines from the vWorkspace Management Console using the VMware Linked Clone feature.

VMware Reprovision Support

The ability to reprovision VMware system type virtual machines, after performing such actions as patching, has been added with this release. The ability to reprovision at logoff has been added to the Computer Properties, **Logoff Action** settings.

Sysprep Customizations

The ability to sysprep Microsoft Vista, Microsoft Windows 7, Microsoft Windows Server 2008, and Microsoft Windows Server 2008 R2 virtual machines has been added with this release.

Platform Support

With this release the following support, including Microsoft Windows 64-bit versions, has been added to vWorkspace:

Clients

- Microsoft Vista
- Microsoft Windows 7
- Microsoft Windows Server 2008
- Microsoft Windows Server 2008 R2

Servers

- Microsoft Vista (in VDI environments)
- Microsoft Windows 7 (in VDI environments)
- Microsoft Windows Server 2008
- Microsoft Windows Server 2008 R2
- Microsoft System Center Virtual Machine Manager 2008 R2

Note: Quest vWorkspace Virtual USB Hub Client does not have 64-bit support for VDI environments in this release.

Enhancements to Graphics Acceleration

With this release, support for 64-bit versions of Microsoft Windows for both server and client has been added; progressive image display (disabled by default - refer to the *vWorkspace Administration Guide*, Graphics Acceleration section for the registry setting to enable it); and Microsoft Windows 7 support has been added.

Enhanced Bidirectional Audio

Improvements have been made to the bidirectional audio quality and additional configuration options are available through the Control Panel settings. The Bidirectional audio settings are disabled by default in the vWorkspace Management Console and in the client.

Flash Redirection

The ability to redirect Flash multimedia content has been added to the Experience Optimized Protocol options. Currently, vWorkspace Flash Redirection is available with Internet Explorer 32-bit, versions 6, 7, and 8.

Quest vWorkspace Virtual USB Hub Client

The ability to set bandwidth and compression levels for USB devices has been added with this release.

Support for Microsoft Windows 7 has been added.

Web Access Features

- Web Access and Microsoft Office SharePoint Integration.
- Support for 64-bit versions of Microsoft Windows.
- Microsoft Windows Server 2008 R2 supported.

New RDP Performance Options

The following options have been added to RDP Performance options.

- Desktop Composition
If Desktop Composition (Windows Aero) is enabled, then Graphics Acceleration will be disabled. Graphics Acceleration is not supported with Desktop Composition in the 7.0 release.
- Font Smoothing

PNShell for VDI

Options from the **Resources** node can now be assigned to VDI computers from the vWorkspace Management Console. The components of pnsHELL.exe can be applied to both Terminal Server and VDI computers. The Resources node options that can now be applied to VDI are:

- Additional Customizations
- Color Schemes (not available for computers with Microsoft Vista or later operating systems)
- Drive Mappings
- Environment Variables
- Printers (Universal and Network)
- Registry Tasks (HKCU only)
- Scripts
- Time Zones
- User Policies
- Wallpapers

New Client CAB File

A new Web Access CAB file, `vasclient32ts.cab`, allows for silent installs of the Web Access client. The new file is located at `\\Inetpub\wwwroot\Provision\web-it\clients`, along with the other regular files.

PNTools

Support for PNTools (Connection Broker and Management Console) for 64-bit versions of Microsoft Windows and PNTools support for Microsoft Vista and Microsoft Windows 7 has been added in this release.

Other Features

- Power Tools (Terminal Services enhancements) — Support for Microsoft Windows Server 2008 and Microsoft Windows Server 2008 R2.
- GINA Chaining — You can now chain the PNGINA (vWorkspace GINA used for single sign-on) to the Novell GINA.

-
- Multimonitor Client — Support for Microsoft Windows 7 has been added with this release.
 - Multimedia Redirection (MMR) — MMR is now supported in 64-bit versions of Microsoft Windows.
 - TimeZones-IT — Support for 64-bit versions of Microsoft Windows.
 - Support for Microsoft Remote Desktop Connection client version 7.

Internet Explorer Redirection (Experimental)

A new experimental feature redirects Internet Explorer from the server to the client. You must install PNTools and the following server side registry entries need to be set.

To register:

- HKEY_CLASSES_ROOT\HTTP\shell\open\command
"(Default)" (REG_SZ) = ""C:\Program Files\Quest Software\Quest vWorkspace\iexplore.exe" %1"
- HKEY_CLASSES_ROOT\HTTPS\shell\open\command
"(Default)" (REG_SZ) = ""C:\Program Files\Quest Software\Quest vWorkspace\iexplore.exe" %1"

To unregister:

- HKEY_CLASSES_ROOT\HTTP\shell\open\command
"(Default)" (REG_SZ) = ""C:\Program Files\Internet Explorer\IEXPLORE.EXE" -nohome"
- HKEY_CLASSES_ROOT\HTTPS\shell\open\command
"(Default)" (REG_SZ) = ""C:\Program Files\Internet Explorer\IEXPLORE.EXE" -nohome"

What's Changed

Listed below are some of the features that have changed in vWorkspace 7.0:

- ❑ Managed application friendly names are limited to 150 characters.
- ❑ Various user interface issues occur with Internet Explorer version 8 when Compatibility Mode is turned off. To resolve this issue, Compatibility Mode is now turned on by default in Web Access.

-
- ❑ In Web Access, end users have the ability to enable or disable the display of the warning message stating that they do not have the latest version of the Web Access client installed. The setting is located in the **Preferences** option, **General** tab.
 - ❑ Managed applications may now be assigned folders for VDI. Also, **Server Folders** have been renamed to **Remote Desktop Folders** and **Client Folders** have been renamed to **vWorkspace Client Folders**.
 - ❑ Additional values have been added to the **Inactivity Timeout** option, for the Location Properties, Timing and Other Settings Options.
 - ❑ A registry entry has been added so that PNSTART can be enabled or disabled as the initial application. It is enabled by default.
 - ❑ If a user tries to log on to Web Access with an expired password and password management has been configured, the user is presented with the window in which they can change their password.
 - ❑ Intelligent notification has been added to the sysprep process, allowing for other throttled clones to be ready for sysprep faster instead of waiting for the standard Sysprep Wait Period.
 - ❑ Farms must be configured in the Web Access Management Console, or the user is presented with a disabled Web Access logon page.
 - ❑ An empty Domain option is no longer presented to users on the Web Access login page if Windows domains have not been specified in the Global settings and the log on to all configured farms option has been selected.
 - ❑ The option, **Present Apps in flat form (No folders)**, is now disabled when the default application layout style is **Tree**.
 - ❑ The vWorkspace database can now be upgraded to the latest version from any previous version.
 - ❑ In Web Access, you can no longer enter a space in free text fields.
 - ❑ In Web Access, the **Pin connection bar** option on the Display settings is now disabled when the Display settings for a specific farm are set to inherit the global settings, or if the **Display connection bar** option is unselected.
 - ❑ AppPortal, both normal and desktop-integrated modes, cannot be closed while a farm is being automatically downloaded. When AppPortal is in normal mode, an hourglass is now displayed when a farm is being automatically downloaded.
 - ❑ The following change has been made to the templates that are imported using User Policies.
 - Templates now can have the same name.

Upgrade Considerations

The following consideration needs to be reviewed prior to completing an upgrade to Quest vWorkspace version 7.0.



Any versions of PNTools that are not previous to the vWorkspace release *must* be removed before proceeding with the installation of vWorkspace.

- ❑ An upgrade to vWorkspace version 7.0 is possible from version 5.8.
- ❑ It is important to instruct your users to download and install the latest version of the vWorkspace Clients. When upgrading from 5.x to 7.x, 5.x clients prevent users from launching applications.

- ❑ **Web Access/SSL VPN Configuration**

If you have configured Web Access to interface with the Firewall/SSL VPN component, the following configuration settings may need to be changed.

On the Web Access Management Console, select the **Firewall/SSL VPN** setting. Change the values for **Web Access URL (external or internal users)** in the following manner:

Old format:

<https://your.domain.com/provision/web-it/>

– OR –

<http://your.domain.com/provision/web-it/>

New Format:

<https://your.domain.com/>

– OR –

<http://your.domain.com/>

- ❑ If you are not using an SSL Gateway configuration, it is recommended that you *do not* enter information into the **Web Access URL (external or internal users)** fields. A potential issue may result if an incorrect URL or if an invalid or outdated URL is entered into these fields.

-
- ❑ Farm names in Web Access should not contain spaces. If you are upgrading, and your previous Web Access setup has spaces in farm names, you need to rename those farms before upgrading, or immediately after upgrading.

To manually make the change, do the following in `Webit.config`:

- a) Change the name in the file. For example,

`<FarmList>Farm Name<FarmList>` to,
`<FarmList>Farm-Name<FarmList>`

- b) Rename the corresponding "`webit.Farm Name.config`" file to the new farm name without spaces.

Known Issues

There are several known issues with release 7.0 of vWorkspace. Please review the **Known Issues** section of the *Quest vWorkspace 7.0 Release Notes* for further information.