

Micro Focus Vibe 4.0.6 Release Notes

March 2019



| If you are | See |
|----------------------------------|--|
| Interested in what's new | See Section 20.1, "New in Vibe 4.0.6," on page 14. |
| Upgrading to Vibe 4.0.6 | See "Upgrade" in the <i>Vibe 4.0.6 Installation Guide</i> . |
| Installing Vibe 4.0.6 | See "Vibe System Requirements," "Single-server (Basic) Installation," and "Planning an Advanced Vibe Installation" in the <i>Vibe 4.0.6 Installation Guide</i> . |
| New to Vibe | See "Overview of Micro Focus Vibe" in the <i>Vibe 4.0.6 Installation Guide</i> . |
| Interested in issues and caveats | The following sections. |

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1 Installation Notes

- ♦ [Section 1.1, “SLES 12 SP3 Requires the Latest Kernel,” on page 2](#)
- ♦ [Section 1.2, “SLES 15 Requires 32-bit Support for Installation,” on page 2](#)

1.1 SLES 12 SP3 Requires the Latest Kernel

If you install Vibe 4.0.6 on SLES 12 SP3, be sure to update to the latest kernel before beginning the install.

1.2 SLES 15 Requires 32-bit Support for Installation

The Vibe installation program is a 32-bit application.

Before installing Vibe 4.0.6 on SLES 15, you must install the following packages:

- ♦ TK-32bit
- ♦ TCL-32bit

2 Upgrade Notes

Consider the following before upgrading Vibe.

- ♦ [Section 2.1, “Microsoft SQL Server 2008 Not Supported,” on page 2](#)
- ♦ [Section 2.2, “Login Problems for Chrome and Firefox Users,” on page 2](#)
- ♦ [Section 2.3, “Performance Temporarily Slows after Updating to a New Version,” on page 3](#)
- ♦ [Section 2.4, “Port-Forwarding Script Breaks on SLES 12,” on page 3](#)
- ♦ [Section 2.5, “WebDAV TLS Error After Upgrading,” on page 3](#)
- ♦ [Section 2.6, “Vibe 3.x to 4.x,” on page 3](#)

2.1 Microsoft SQL Server 2008 Not Supported

Vibe 4.0.6 doesn't support Microsoft SQL Server 2008 as its database.

If your Vibe installation uses MS SQL Server version 2008 as its database, you must do the following before upgrading to Vibe 4.0.6:

1. If you haven't already done so, update your MS SQL server to version 2008 R2 SP3. (SP3 is required for updating to version 2012.)
2. Update from MS SQL Server 2008 R2 SP3 to MS SQL Server 2012 R2 or later, as specified in [“Database Server Requirements”](#) in the [Vibe 4.0.6 Installation Guide](#).
3. Make sure that Vibe is running normally.
4. Upgrade to Vibe 4.0.6.

2.2 Login Problems for Chrome and Firefox Users

In some cases, after upgrading from Vibe 4.0.5 to 4.0.6, non-administrative users on Chrome and Firefox browsers can't log in.

Clearing browser cookies and cache resolves this issue.

2.3 Performance Temporarily Slows after Updating to a New Version

After updating your Vibe system to a new version, users might experience performance degradation when they first navigate the Vibe system. This is because Vibe must compile the JSPs after an update.

2.4 Port-Forwarding Script Breaks on SLES 12

The earlier port-forwarding script doesn't work on SLES 12. See [Using iptables Commands on SLES 12](#) in the [Vibe 4.0.6 Installation Guide](#).

2.5 WebDAV TLS Error After Upgrading

If you use a self-signed certificate for a WebDAV server, and if a Vibe server's authentication to that WebDAV server fails due to TLS errors after upgrading to version 4.0.6, see [Section 16.1, "Vibe to WebDAV: Self-Signed Certs Require Manual Import,"](#) on page 13.

2.6 Vibe 3.x to 4.x

2.6.1 Make Sure That System Requirements Are Met

Before beginning the upgrade process, make sure that the requirements outlined in "[Vibe System Requirements](#)" in the [Vibe 4.0.6 Installation Guide](#) are met.

For example, if your Vibe system is running on SLES 11, be sure to migrate to a supported SLES platform before proceeding.

2.6.2 Before Upgrading, Clear Deferred Log Records

When you update your high availability Vibe system to Vibe 4 or later from an earlier version, any deferred log records that currently exist become incompatible with each other.

To ensure that no incompatibility issues arise with deferred update logs during the update to Vibe 4 or later, you must clear all deferred update logs prior to upgrading.

For information on how to clear deferred update logs, see "[Performing Maintenance on a High Availability Lucene Index](#)" in the [Micro Focus Vibe 4.0.6 Administration Guide](#).

2.6.3 After Upgrading, Recreate Shortened Simple URLs

Short forms of URLs that were created prior to Vibe 4 do not work in Vibe 4

You need to recreate the URLs after upgrading to Vibe 4.

2.6.4 After Upgrading, Fix WebDAV Mapped Drives

If you have created a mapped drive to a Vibe 3.x folder via WebDAV (as described in "[Using WebDAV on a Vibe Folder](#)" in the [Micro Focus Vibe 4.0.6 Advanced User Guide](#).), the WebDAV URL is no longer valid after upgrading to Vibe 4.x, and the mapped drives are no longer functional.

You must re-create any mapped drives that were previously created via WebDAV after upgrading to Vibe 4.

3 Mobile Apps

- ♦ [Section 3.1, “Android Mobile App Must Be Reinstalled,” on page 4](#)

3.1 Android Mobile App Must Be Reinstalled

For more information, see “[Android App Must Be Replaced on Mobile Devices](#)” in the *Micro Focus Vibe Mobile Quick Start*.

4 Character Restrictions

Be aware of the following restrictions on special characters, double-byte characters, and so on.

- ♦ [Section 4.1, “Vibe Usernames \(and Passwords\),” on page 4](#)
- ♦ [Section 4.2, “Software Installation Directory Name,” on page 4](#)
- ♦ [Section 4.3, “File Repository Directory Name,” on page 4](#)
- ♦ [Section 4.4, “Simple URLs Don’t Support Extended Characters,” on page 5](#)

4.1 Vibe Usernames (and Passwords)

Vibe Usernames cannot contain special characters (/ \ * ? " < > : | ') because these characters are not legal characters in Linux and Windows pathnames.

Although LDAP directories might allow the characters, and the names might synchronize to the Vibe site with no errors, Vibe cannot create paths to the user workspaces and the associated users can’t log in.

Additionally, Vibe’s Edit-in-Place feature requires that passwords contain only ASCII characters, due to a WebDAV limitation when interacting with third-party products, such as MS Office. See [Section 8.1, “Usernames and Passwords Restricted to ASCII Characters,” on page 7](#).

4.2 Software Installation Directory Name

Do not use extended characters or double-byte characters in the installation directory name for Micro Focus Vibe. The default location for the Vibe software is:

Linux: `/opt/novell/teaming`

Windows: `c:\Program Files\Novell\Teaming`

4.3 File Repository Directory Name

Do not use extended characters or double-byte characters in directory names in the path to the Micro Focus Vibe file repository. The default location for the file repository root directory is:

Linux: `/var/opt/novell/teaming`

Windows: `c:\Novell\Teaming`

4.4 Simple URLs Don't Support Extended Characters

On the Configure Default Settings page of your workspace, the **Define URL** field does not accept extended characters. Use only alphabetic characters and numbers in simple URLs.

5 Database

Be aware of the following:

- [Section 5.1, “JDK 9 or Later Required on Remote Database Server,” on page 5](#)
- [Section 5.2, “Lock-Wait Timeout Issues in Quartz Scheduler,” on page 5](#)

5.1 JDK 9 or Later Required on Remote Database Server

Running the `managedatabase.sh` script as described in [“Creating the Vibe Database on a Separate Server”](#) in the [Vibe 4.0.6 Installation Guide](#), requires that JDK 9 or later be installed on the remote server.

5.2 Lock-Wait Timeout Issues in Quartz Scheduler

You might receive database errors referring to `Lock wait timeout exceeded`.

To resolve these errors:

- 1 Open the MySQL configuration file in a text editor.

The MySQL configuration file is at the following location, depending on your operating system:

Linux: `/etc/my.cnf`

Windows: `c:\Program Files\MySQL\MySQL Server version\my.ini`

- 2 Add the following section to the MySQL configuration file:

```
[mysqld]
transaction-isolation = READ-COMMITTED
```

- 3 Save your changes and close the editor.

6 Date and Time

- [Section 6.1, “Users Might See Different Dates on Custom Entry or View,” on page 5](#)
- [Section 6.2, “Vibe Site Time Must Match Web Service Client’s Time,” on page 6](#)

6.1 Users Might See Different Dates on Custom Entry or View

If you use the Date attribute in a custom entry or view, users in different time zones might see a different date than you see.

Micro Focus Vibe stores the date as midnight on the selected date in the Vibe user’s time zone in GMT. For example, January 13, 2015 in the Mountain time zone is stored as GMT-7:00 (20150113T0700). No problem appears for people in the same time zone. However, for people in a different time zone, Mountain time zone midnight could be a different day in their time zone.

6.2 Vibe Site Time Must Match Web Service Client's Time

In order to access a Micro Focus Vibe site from a web service client, such as the GroupWise Windows client, the time setting on the user's workstation must match the time setting on the Vibe server within five minutes. If there is a discrepancy of more than five minutes, the web service client's attempt to contact the Vibe site times out. If possible, reset the time of the server or the workstation to the correct and matching time.

If the time difference is a necessary part of your system configuration, you can change the timeout setting for Web services such as GroupWise that authenticate to the Vibe site through [WS-Security](http://en.wikipedia.org/wiki/Web_Services_Security) (http://en.wikipedia.org/wiki/Web_Services_Security).

- 1 Make a backup copy of the following file:

```
teaming_directory/webapps/ssf/WEB-INF/server-config.wsdd
```

- 2 Open the `server-config.wsdd` file in a text editor.
- 3 Search for the following section:

```
<handler type="java:org.apache.ws.axis.security.WSDoAllReceiver">  
<parameter name="passwordCallbackClass"  
value="org.kablink.teaming.remoting.ws.security.PWCallback"/>  
<parameter name="action" value="UsernameToken Timestamp"/>  
</handler>
```

- 4 Insert a `timeToLive` parameter with large timeout value (for example, 86400 for 24 hours).

```
<handler type="java:org.apache.ws.axis.security.WSDoAllReceiver">  
<parameter name="passwordCallbackClass"  
value="org.kablink.teaming.remoting.ws.security.PWCallback"/>  
<parameter name="action" value="UsernameToken Timestamp"/>  
<parameter name="timeToLive" value="86400"/>  
</handler>
```

- 5 Repeat [Step 3](#) and [Step 4](#) for the second instance of the section in the `server-config.wsdd` file.
- 6 Save the `server-config.wsdd` file, then restart the server.

7 Developer Notes

- [Section 7.1, "Re-Compiled or Re-Built Vibe Code Is Not Supported,"](#) on page 6
- [Section 7.2, "SOAP Payloads Do Not Generate Multi-Reference Values,"](#) on page 6

7.1 Re-Compiled or Re-Built Vibe Code Is Not Supported

If you have re-compiled or re-built Vibe in a Development environment, your Vibe installation is not supported by Micro Focus.

This excludes JSP-based changes made to facilitate the development of custom Forms and Views.

7.2 SOAP Payloads Do Not Generate Multi-Reference Values

By default, Micro Focus Vibe SOAP payloads do not generate multi-reference values. You can change the `server-config.wsdd` files so that multi-reference values are generated.

- 1 Change to the directory where a `server-config.wsdd` file is located.

A Vibe installation includes two `server-config.wsdd` files. The default locations of these files vary by platform:

8.4 Filenames with Extended Characters Not Displaying Properly

When a file has extended characters in its name and is opened for editing through Internet Explorer 11, its name displays with odd characters in the application header.

Editing integrity is unaffected by this, and when the file is saved, the original name is preserved.

When files are opened through Chrome or Firefox, their names display properly in the application header.

9 Files, Folders, and Workspaces

- ◆ [Section 9.1, “Copying Doesn’t Include Custom Forms and Workflow Definitions,” on page 8](#)
- ◆ [Section 9.2, “Exports Cannot Exceed 4 GB,” on page 9](#)
- ◆ [Section 9.3, “Downloading Multiple Files with Safari on Mac,” on page 9](#)
- ◆ [Section 9.4, “Mirrored Folder Limitations,” on page 9](#)
- ◆ [Section 9.5, “Moving a Main Task Removes the Sub-Task Hierarchy,” on page 9](#)
- ◆ [Section 9.6, “Nesting Limitation for Folders and Workspaces,” on page 9](#)
- ◆ [Section 9.7, “Notes Not Displayed on Oldest File Version,” on page 9](#)
- ◆ [Section 9.8, “Password-Protected Files Not Viewable,” on page 10](#)
- ◆ [Section 9.9, “You Must Include the Target in Exports for Links to Work,” on page 10](#)

9.1 Copying Doesn’t Include Custom Forms and Workflow Definitions

When you copy a workspace, the custom form and workflow definitions in that workspace are not transferred to the copy of the workspace.

You can work around this limitation by moving the definitions to a higher level in the workspace tree.

- 1 Navigate to the folder in the original workspace where the definitions are located.
- 2 On the Workspace toolbar, click **Manage > Form and View Designers**.
- 3 Expand the Form and View Designers tree, then click the definition that you want to move.
- 4 In the Definition Properties box, click **Move This Definition** to display the workspace and folder tree for your Vibe site, then expand the tree as needed to display an appropriate destination for the definition.

To make the definition available in the copy of the original workspace, move the definition to a location in the tree that is above both the original workspace and the copy of the workspace.

To make the definition available globally on your Vibe site, move it to the root of the workspace and folder tree.

- 5 To move the definition, select the destination, then click **OK**.
- 6 Click **Close** twice to return to the main Vibe page.
- 7 Verify that the definition is now available in the copy of the workspace.
- 8 Repeat this procedure for each definition that needs to be available in the copied workspace.

9.2 Exports Cannot Exceed 4 GB

When exporting a workspace, if the total file size is 4 GB or larger, the exported .zip file is corrupted and won't open.

You can avoid this problem by breaking up the export into multiple files using the **Only export child folders or workspaces that are specifically checked.** option. See “[Exporting Workspaces](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

9.3 Downloading Multiple Files with Safari on Mac

Downloading multiple files using Safari on Mac, requires that the option **Open “safe” files after downloading** is not selected.

- 1 Click **Safari > Preferences**.
- 2 On the General tab, ensure that **Open “safe” files after downloading** is not selected.

9.4 Mirrored Folder Limitations

- ◆ [Section 9.4.1, “Mirrored Folder Moving Limitation,”](#) on page 9
- ◆ [Section 9.4.2, “Mirrored Folder Versioning Limitation,”](#) on page 9

9.4.1 Mirrored Folder Moving Limitation

You cannot use the **Move This Folder** feature to move one Mirrored File folder inside of another Mirrored File folder.

9.4.2 Mirrored Folder Versioning Limitation

If you edit a file in a mirrored folder and then check the version history, you see only the latest version of the file and only the latest version of the file is available for editing from the mirrored location. This is working as designed. Document versioning is not currently available in mirrored folders.

9.5 Moving a Main Task Removes the Sub-Task Hierarchy

If you move a main (parent) task to another location on the Vibe site, all sub-tasks beneath that main task--even sub-tasks of sub-tasks (nested tasks)--all become main tasks within the original Tasks folder.

9.6 Nesting Limitation for Folders and Workspaces

Because of database restrictions, the maximum number of nested folders and workspaces that Vibe allows is 45. For example, you can create a folder within a folder, then create a folder within that folder, and so forth, until the folder structure is 45 levels deep. You cannot exceed 45 levels in the folder structure.

9.7 Notes Not Displayed on Oldest File Version

When a file contains multiple versions and a user attempts to add a note about the oldest version (“[Adding a Note about a File or File Version](#)” in the *Micro Focus Vibe 4.0.6 User Guide*), the note is not always displayed.

9.8 Password-Protected Files Not Viewable

Files that have been password-protected in the application where they were created cannot be viewed on the Micro Focus Vibe site. This is working as designed.

9.9 You Must Include the Target in Exports for Links to Work

When an exported workspace, folder, or entry has a link to something that isn't included in the export file, the link doesn't work correctly when it is imported to a different Vibe system.

10 HTML Conversions and KeyView

- [Section 10.1, "Windows Requires Updated Visual C++ Redistributable Package," on page 10](#)
- [Section 10.2, "HTML Conversion Error on a Linux Server," on page 10](#)

10.1 Windows Requires Updated Visual C++ Redistributable Package

Micro Focus Vibe uses Micro Focus KeyView for displaying documents and images on the Vibe site and for indexing documents. This viewer technology relies on the latest Microsoft Visual C++.

If the Windows server where you install Vibe does not already have the latest version of the appropriate Visual C++ Redistributable Package installed, you must install it before your Vibe site can function properly. The required versions of the Visual C++ Redistributable Packages are available through the [Microsoft Download Center \(https://www.microsoft.com/en-us/download/\)](https://www.microsoft.com/en-us/download/).

10.2 HTML Conversion Error on a Linux Server

If you see an `HTML Conversion Error` when you try to view a file, KeyView might not support the file type.

11 LDAP

- [Section 11.1, "Always Specify the GUID Attribute for LDAP Sources," on page 10](#)
- [Section 11.2, "Attribute Used Must Yield Unique Vibe Usernames," on page 10](#)

11.1 Always Specify the GUID Attribute for LDAP Sources

If the GUID Attribute is not specified when setting up your LDAP sources, then renaming or moving users in your LDAP directory might result in new users being created in Vibe.

Before renaming or moving users in your LDAP directory, ensure that you have specified a value for the **GUID attribute**, as described in "Server Information" in the *Micro Focus Vibe 4.0.6 Administration Guide*.

11.2 Attribute Used Must Yield Unique Vibe Usernames

If you create Micro Focus Vibe users by importing users from an LDAP source, make sure that the LDAP attribute that you designate for the **Vibe account name** has a unique value for each LDAP user.

For example, if you are using the `cn` attribute for the value of the **Vibe account name**, and if you have multiple users with the same `cn` value, only the first user found is synchronized to Vibe. Subsequent users with the same `cn` value are ignored.

To ensure that all users get imported, use an attribute whose value is guaranteed to be unique across all containers, such as `emailAddress`.

12 Licensing: Guest and System-Agent Users Not Counted

You can view current Micro Focus Vibe license usage by clicking the **Administration** icon, then under **Reports**, clicking **License Report**.

The Administrator counts as a user against the license total, but Guest and the three internal/local users (`_emailPostingAgent`, `_jobProcessingAgent`, and `_synchronizationAgent`) do not.

13 NFS Not Supported in Lucene

NFS file system mounts are not supported for connecting the Lucene Index server with the Lucene index.

14 Third Party Integration

- ◆ [Section 14.1, "GroupWise," on page 11](#)
- ◆ [Section 14.2, "Outlook," on page 12](#)

14.1 GroupWise

- ◆ [Section 14.1.1, "GroupWise 2018 Requires SMTPS by Default," on page 11](#)
- ◆ [Section 14.1.2, "Drag and Drop from GroupWise Requires Saving First," on page 11](#)

14.1.1 GroupWise 2018 Requires SMTPS by Default

GroupWise servers prior to version 2018 accept both SMTP and SMTPS communications by default.

Beginning with GroupWise 2018, the servers only accept SMTPS communications by default.

If after upgrading to GroupWise 2018, Vibe's outbound email messages are not being received, do one of the following:

- ◆ Modify the SMTP settings on the GroupWise server to allow non-SSL communications.

In the GroupWise Administration Console, click **Internet Agents > GWIA > Agent Settings** and change SMTP to **Enabled**. (See the GroupWise documentation for more information.)

Or

- ◆ Set up SSL communications between Vibe and the mail server by importing the GWIA's SMTP Certificate into the Vibe JRE certificate store. See "[Securing Email Transfer](#)" in the *Micro Focus Vibe 4.0.6 Administration Guide*.

14.1.2 Drag and Drop from GroupWise Requires Saving First

You cannot drag a file from a GroupWise message into the Vibe drag-and-drop window. (**Add file to folder** on the Folder Entry toolbar).

Save the attachment first, then drag and drop the saved file into the drag-and-drop window.

14.2 Outlook

14.2.1 iCal Tasks Appear as Events

When Vibe sends tasks to Outlook via an iCal attachment, the tasks appear as calendar events rather than as task items.

This is because of an issue with the way Outlook handles iCal events.

For more information about how Vibe uses iCal attachments to send calendar events and task items, see [“Synchronizing Tasks and Calendars to a Desktop Application”](#) in the *Micro Focus Vibe 4.0.6 User Guide*.

14.2.2 Attachments with Extended or Double-Byte Characters Don’t Arrive

If Outlook users send postings to the Micro Focus Vibe site and if the messages have attachments with extended or double-byte characters in the filenames, the attachment does not arrive on the Vibe site unless the Exchange server is properly configured. To configure the Exchange server to pass the filenames correctly, follow the instructions in [Foreign Characters Appear as Question Marks When Sent from OWA](#) (<http://www.windowsnetworking.com/kbase/WindowsTips/Windows2000/AdminTips/Exchange/ForeigncharactersappearasquestionmarkswhensentfromOWA.html>).

15 Users

- ◆ [Section 15.1, “User Profiles Do Not Support Custom JSP Files,”](#) on page 12
- ◆ [Section 15.2, “External Users See Broken Profile Image Icon,”](#) on page 12

15.1 User Profiles Do Not Support Custom JSP Files

When you create or modify attributes for the User Profile form and view in the Form and View Designers tool, you cannot reference custom JSP files.

Modifying attributes for workspaces, folders, and entries is supported, as described in [“Enabling Vibe Forms and Views to Reference JSP Files”](#) in the *Micro Focus Vibe 4.0.6 Advanced User Guide*.

15.2 External Users See Broken Profile Image Icon

An External User will see a broken profile image icon for an Internal User under the following conditions:

- ◆ The Internal User has the `Can Only See Members of Groups I Am In (COSMOGIAI)` profile attribute set.
- ◆ The Internal User has uploaded a non-default profile picture, such as a selfie or other image.
- ◆ The Internal User shares an item with the external user or posts an entry in a workspace that they both have access to, etc.
- ◆ The External User doesn’t have the `COSMOGIAI` profile attribute set.

If the External User also has the `COSMOGIAI` profile attribute set, the default profile picture (grey man) is displayed with the shared item or workspace post.

16 WebDAV Issues

- ♦ [Section 16.1, “Vibe to WebDAV: Self-Signed Certs Require Manual Import,” on page 13](#)
- ♦ [Section 16.2, “WebDAV Limitations on Mac,” on page 13](#)

16.1 Vibe to WebDAV: Self-Signed Certs Require Manual Import

If you want to use an SSL connection between your Micro Focus Vibe site and a WebDAV server, and if the WebDAV server has a self-signed certificate rather than a certificate provided by a certificate authority, you must manually import the self-signed certificate to the JDK.

The basic process is the same as that described in [Securing LDAP Synchronization](#) in the [Micro Focus Vibe 4.0.6 Administration Guide](#).

IMPORTANT: The Oracle JDK work-around for this issue, recommended in Vibe 4.0.4 and earlier, is no longer supported.

16.2 WebDAV Limitations on Mac

Because of limitations with WebDAV on Mac, you cannot use WebDAV to view a Vibe folder in a Mac environment.

For more information, see “[Using WebDAV on a Vibe Folder](#)” in the [Micro Focus Vibe 4.0.6 Advanced User Guide](#).

17 Bug Fixes List

For a list of the bugs that have been fixed since Vibe 4.0.5, see the [Vibe 4.0.6 Bug List \(http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-fixes/vibe406-fixes.pdf\)](#). For more information about each bug, you can look up the bug numbers in [Bugzilla \(https://bugzilla.novell.com\)](#).

18 Library Changes in Vibe 4.0.6

Vibe 4.0.6 includes the following [Library Changes \(http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-library-changes/vibe406-library-changes.pdf\)](#).

19 Vibe Documentation

The following sources provide information about Micro Focus Vibe 4:

- ♦ Online product documentation: [Micro Focus Vibe 4 Documentation Web site \(http://www.novell.com/documentation/vibe4\)](#)
- ♦ Product documentation included within Micro Focus Vibe. Click the **Help** icon (question mark) in the upper right corner of the Vibe Home page.

In addition to the Micro Focus Vibe product documentation, the following resources provide additional information about Vibe 4:

- ♦ [Micro Focus Vibe product site \(http://www.novell.com/products/vibe/\)](#)
- ♦ [Micro Focus Vibe Resource Library \(http://www.novell.com/products/vibe/resource-library/\)](#)
- ♦ [Micro Focus Vibe Support Forum \(https://forums.novell.com/forumdisplay.php/989-Vibe\)](#)

20 New in Vibe 4 Releases

- ◆ [Section 20.1, “New in Vibe 4.0.6,” on page 14](#)
- ◆ [Section 20.2, “New in Vibe 4.0.5,” on page 14](#)
- ◆ [Section 20.3, “New in Vibe 4.0.4,” on page 17](#)
- ◆ [Section 20.4, “New in Vibe 4.0.3,” on page 17](#)
- ◆ [Section 20.5, “New in Vibe 4.0.2,” on page 17](#)
- ◆ [Section 20.6, “New in Vibe 4.0.1,” on page 18](#)
- ◆ [Section 20.7, “New in Vibe 4.0,” on page 18](#)

20.1 New in Vibe 4.0.6

Along with [fixes for customer-reported bugs \(http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-fixes/vibe406-fixes.pdf\)](http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-fixes/vibe406-fixes.pdf) and [Library Changes \(http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-library-changes/vibe406-library-changes.pdf\)](http://www.novell.com/documentation/vibe4/pdfdoc/vibe406-library-changes/vibe406-library-changes.pdf), Vibe 4.0.6 includes the following:

- ◆ [A Refurbished Android app that must be newly installed](#)

The iOS app is also refurbished but does not require a new installation.
- ◆ Workflow viewer refinements.
- ◆ A sizable navigation panel.
- ◆ Manage-database script enhancements that automate setting the JAVA Path.
- ◆ Improvements to Edit-in-Place so that it now works with the MS Office Add-in.
- ◆ Faster Tomcat startup.
- ◆ Guest user’s default language is now set based on the browser being used.
- ◆ Vibe video streaming now works in the Safari browser.
- ◆ Architecture component updates and changes:
 - ◆ [KeyView 12.1](#)
 - ◆ [OpenJDK 11](#)
 - ◆ [TinyMCE 4.9.2](#)

20.2 New in Vibe 4.0.5

Along with [fixes for customer-reported bugs \(http://www.novell.com/documentation/vibe4/pdfdoc/vibe405-fixes/vibe405-fixes.pdf\)](http://www.novell.com/documentation/vibe4/pdfdoc/vibe405-fixes/vibe405-fixes.pdf), Vibe 4.0.5 includes substantial changes and updates, including the following:

- ◆ [Application Downloads Page Redesign and Expansion](#)
- ◆ [Cross-Site Request Forgery \(CSRF\) Protection Enabled \(Might Affect Customizations\)](#)
- ◆ [Edit-in-Place Java Applet Replacement](#)
- ◆ [File Upload Applet Replacement](#)
- ◆ [OpenJDK Replaces Other Java Installations for Vibe](#)
- ◆ [Oracle Stellent Replaced by Micro Focus KeyView](#)
- ◆ [SLES 15 Support](#)
- ◆ [Workflow Viewer Applet Replacement](#)

Application Downloads Page Redesign and Expansion

The Vibe download page for user applications has been redesigned and its scope expanded, as shown in the following screenshot:

| Micro Focus® Vibe Application Downloads | | | |
|---|--|--|--|
| PRODUCT | TYPE | DOWNLOADS | INFORMATION |
| Vibe Desktop |   | Windows x86 (MD5: 5d7943d85533d12e13995045e30f74ce) Windows x64 (MD5: e58abdfb57b982cc3c1107fba5f77469) Mac (MD5: bc251ab11dc26800d27dff7cc42cd4da) | Synchronize Vibe files between your computer and Vibe. For more information about installing and configuring Vibe Desktop, see the Micro Focus Vibe Desktop for Windows Quick Start or the Micro Focus Vibe Desktop for Mac Quick Start . |
| Vibe Add-In for Office |  | Windows (MD5: 860e166abe06c78c9afc6326e8e9a36) | Work directly with Vibe files from within Microsoft Office. For more information about installing and configuring the Vibe Add-In, see the Micro Focus Vibe Add-In Quick Start . |
| Vibe Edit-In-Place |   | Windows (MD5: aa7a3bb030eda41dc2cc12254277f95) Mac (MD5: 9afc6326e8e9a36a3bb030eda41dc2cc) | Edit Vibe files directly from your browser. For more information about installing the Vibe Edit-In-Place launcher, see the Micro Focus Vibe Edit-In-Place for Windows Quick Start or the Micro Focus Vibe Edit-In-Place for Mac Quick Start . |
| Vibe Mobile apps |  | You can download the Micro Focus Vibe mobile app for free from the following stores directly from your mobile device.  Amazon Store  Apple App Store  Blackberry App World  Google Play | To install the Vibe mobile app on your mobile device, launch your preferred store app. Enter the search "micro focus vibe" to locate the app. Follow the instructions within the store to download the Micro Focus Vibe app. |

As a result, starting with Vibe 4.0.5, the Vibe Desktop and Vibe Add-In for Office are no longer distributed through the Customer Center.

For information and instructions on setting up the Application Downloads page, see [“Distributing File-Access Applications to Users”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

Cross-Site Request Forgery (CSRF) Protection Enabled (Might Affect Customizations)

Beginning with version 4.0.5, the CSRF protection that was included but not enabled in Vibe 4.0.3, is enabled by default.

CSRF attacks occur when malicious websites are able to pose as authenticated users, request additional browser sessions, and then make unwanted changes to a site.

Micro Focus realizes that this protection is likely to break customizations that partners and customers have created, such as JSPs, Vibe-targeted external applications, and so on.

For this reason, CSRF protection can be temporarily disabled while the customized pieces are fixed.

1. Using a text editor, open the `ssf-ext.properties` file for editing. Default file locations are:

Linux: `/opt/novell/teaming/apache-tomcat/webapps/ssf/WEB-INF/classes/config`

Windows: c:\program files\novell\teaming\apache-tomcat\webapps\ssf\WEB-INF\classes\config

2. Change `csrf.enable=true` to `csrf.enable=false`.
3. Save the file.
4. Restart Vibe.

Edit-in-Place Java Applet Replacement

The team has replaced the Edit-in-Place Java applet with platform-specific executables that support a new service named “Vibe URI,” which is similar to [MS URI functionality](#) but is not limited to only Microsoft Office.

Vibe URI supports Mac and Windows workstations with LibreOffice or Microsoft Office installed.

For information and instructions on setting up Vibe URI (also known as Vibe Edit-in-Place), see “[Providing File Access and Editing for Vibe Users](#)” > “[Web Browser Access to Files Through Edit-in-Place](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

File Upload Applet Replacement

Vibe’s traditional file-upload functionality is being replaced by HTML5-based functionality across the product. Functionality from an end user’s perspective is mostly unchanged.

Multiple-file selection and uploading is supported; folder-uploading is not supported.

If users need to upload at the folder level, we encourage you to provide them with the Vibe Desktop Application for [Windows](#) or [Mac](#).

OpenJDK Replaces Other Java Installations for Vibe

Micro Focus Vibe runs inside a Java Virtual Machine (JVM).

Starting with version 4.0.5, Micro Focus Vibe includes a customized version of OpenJDK. Installing a separate JDK and JRE is not required, nor is it supported.

IMPORTANT: If you want to use an SSL connection between your Micro Focus Vibe site and a WebDAV server, and if the WebDAV server has a self-signed certificate rather than a certificate provided by a certificate authority, you must manually import the self-signed certificate to the JDK. The basic process is the same as that described in [Securing LDAP Synchronization](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

Oracle Stellent Replaced by Micro Focus KeyView

Starting with Vibe 4.0.5, Micro Focus KeyView replaces Oracle Stellent for HTML-viewing and text-filtering (search indexing) functionality.

From a Vibe user perspective, functionality is unchanged.

SLES 15 Support

Beginning with version 4.0.5, Vibe is supported on SuSE Linux Enterprise Server (SLES) 15. For a list of all supported server platforms, see “[Server Operating System Requirements](#)” in the *Vibe 4.0.6 Installation Guide*.

Workflow Viewer Applet Replacement

Vibe's Workflow Designer applet has been replaced with HTML5-based functionality.

20.3 New in Vibe 4.0.4

The main focuses of the Vibe 4.0.4 release are

- ♦ Edit-in-Place refinements

IMPORTANT: Starting with Vibe 4.0.4, the default solution for editing files that are accessed through a web browser, has been switched from a Java Applets-based solution to Microsoft's Universal Resource Identifier (MS URI) technology.

This allows users to edit files from a Windows workstation with MS Office 2010 or later installed. For more information about this change, see "[Editing Files Accessed through a Web Browser](#)" in the *Micro Focus Vibe 4.0.6 User Guide*.

- ♦ Security updates
- ♦ Bug fixes.

20.4 New in Vibe 4.0.3

The main focuses of the Vibe 4.0.3 release are

- ♦ Support for PostgreSQL as a database. See "[Database Server Requirements](#)" in the *Vibe 4.0.6 Installation Guide*.
- ♦ Support for GroupWise as an LDAP source. See "[Adding Vibe Users from Your LDAP Directory](#)" in the *Vibe 4.0.6 Installation Guide*.
- ♦ Bug fixes.

20.5 New in Vibe 4.0.2

The main focuses of the Vibe 4.0.2 release are

- ♦ **Custom JSPs:** Addressing many of the concerns expressed by those using custom JSPs.
- ♦ **Vibe 3 rendering:** Providing Vibe-3-level formatting of customized workspaces and folders for those who are dissatisfied with the default GWT rendering in Vibe 4. See the **Display using Micro Focus Vibe 3 formatting** option as documented for [folders](#) and [workspaces](#).
- ♦ **Rebranding:** Reflecting Micro Focus ownership and development.

The Vibe 4.0.2 development team has also delivered

- ♦ An interim solution for the Java applet challenges seen by Vibe 4.0.1 users wanting to use Vibe's "Edit-in-Place" feature.

For Firefox users, the experience is exactly as it was before the browser withdrew NPAPI support. Users of Chrome and Microsoft Edge browsers must choose to run the applet that is automatically downloaded.

- ♦ The ability for administrators to [require Custom Terms and Conditions for external users](#).
- ♦ [Product improvement tracking](#) of KeyShield use.

20.6 New in Vibe 4.0.1

- ♦ **Customized Email Notifications:** “Customizing Email Templates” in the *Micro Focus Vibe 4.0.6 Administration Guide*.
- ♦ **User Visibility Management Enhancements:** “Limiting User Visibility” in the *Micro Focus Vibe 4.0.6 Administration Guide*.
- ♦ **KeyShield Two-Factor Authentication:** “Configuring Two-Factor Authentication” in the *Micro Focus Vibe 4.0.6 Administration Guide*.
- ♦ **LDAP for External Users:** When defining an LDAP resource, you can now specify whether the imported users are treated as internal or external by Vibe. See “Synchronizing Users and Groups from an LDAP Directory” in the *Micro Focus Vibe 4.0.6 Administration Guide*.
- ♦ **MariaDB Support:** See “Installing and Running the Database Server” in the *Vibe 4.0.6 Installation Guide*.

20.7 New in Vibe 4.0

Vibe 4.0 User Enhancements

For a list of Micro Focus Vibe user enhancements and instructions for use, see:

- ♦ “What’s New in Micro Focus Vibe 4” in the *Micro Focus Vibe 4.0.6 User Guide*
- ♦ “What’s New in Vibe 4.0” in the *Micro Focus Vibe 4.0.6 Advanced User Guide*

Vibe 4.0 Installation Enhancements

- ♦ **Database Changes:** Vibe now requires you to create the database.

For more information about creating the database on Linux, see “Creating the Vibe Database” in the *Vibe 4.0.6 Installation Guide*.

For more information about creating the database on Windows, see “Creating the Vibe Database” in the *Vibe 4.0.6 Installation Guide*.

- ♦ **Specify File Types for Document Conversions during Installation:** Previous versions of Vibe allowed you to configure the file formats that could be converted to HTML by editing configuration files. Vibe 4.0 provides a graphical interface during installation for configuring the file formats that can be converted to HTML and viewed from Vibe.

For more information, see “Planning File Types for HTML Conversions” in the *Vibe 4.0.6 Installation Guide*.

For more generic information on document conversions in Vibe, see “Understanding and Configuring Document Conversions with Micro Focus KeyView” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Ability to specify a From email address for outbound email:** You can specify an email address to be used as the From address of emails sent from Vibe.

For more information, see “Outbound Email From Address” in the *Vibe 4.0.6 Installation Guide*.

Vibe 4.0 Administration Enhancements

- ♦ **LDAP Synchronization Improvements:** The following improvements were made to LDAP synchronization:
 - ♦ Synchronization performance improvements

Performance improvements in Vibe 4.0 as compared with Vibe 3.4:

- ◆ When synchronizing 1 to 10,000 users - 3x improvement
- ◆ When synchronizing 10,000 to 30,000 users - 5x improvement
- ◆ When synchronizing 30,00 to 60,000 users - 10x improvement
- ◆ Improved interface, with a tabbed view
- ◆ LDAP browser for selecting users and containers in your directory for LDAP configuration
- ◆ Support for non-unique group names
- ◆ Ability to preview an LDAP synchronization (display the users and groups that will be added, deleted, or disabled in Vibe) before the LDAP synchronization runs
- ◆ Filter users and groups on Sync Results pages

For more information, see [“Synchronizing Users and Groups from an LDAP Directory”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Sharing:** The following administration improvements were made for sharing:
 - ◆ **Ability to determine whether LDAP groups can be used when sharing:** New option to allow you to control whether groups that were imported from the LDAP directory are displayed in the **Share with** field when users are sharing an item.
 - ◆ **Whitelist or blacklist for sharing:** You can create a whitelist or blacklist for sharing with certain email addresses and domains.
 - ◆ **New sharing option for File Link:** Grant users the ability to share files by distributing a link to the file. Any person with access to the link then has access to the file.

For more information about sharing, see [“Setting Up Sharing”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Ability to Reset the Administrator User ID:** You can reset the user ID for the Vibe administrator.

For more information, see [“Changing the Vibe Administrator User ID or Password”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Improved Method for Resetting Passwords:** It is easier than ever for local and external users to reset their passwords. This method also applies to the Vibe administrator.

For information about how to reset the password for the Vibe administrator, see [“Changing the Vibe Administrator User ID or Password”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **New user interface for granting administrator privileges:** It is now easier to grant administrator rights to users and groups.

For more information, see [Creating Additional Vibe Administrators](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Team management administration:** You can more easily view and manage team workspaces across your Vibe site.

For more information, see [“Managing Team Workspaces”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Enhanced user and group management interface:** For information, see [“Managing Users”](#) and [“Managing Groups”](#) in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ◆ **Improved handling of external users:** In Vibe 3.4, marking a user as external was a manual process. External user accounts are now created automatically when a workspace, folder, or entry is shared with someone outside of the organization.

External user accounts from Vibe 3.4 are maintained after upgrading to Vibe 4.

For more information, see “[Setting Up Sharing](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Ability to disable access to the web client:** You can disable users’ ability to access Vibe via a web browser. Users can then access Vibe only through Vibe Desktop or through the Vibe mobile app.

For more information, see “[Disabling User Access to the Vibe Site on the Web](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Support for multiple groups with the same name:** In the Type-to-Find drop-down list, Vibe now includes the group name or group title, as well as secondary information about the group (either the group description or the Fully Qualified DN). This secondary information helps distinguish between multiple groups that have the same name.

- ♦ **Ability to specify a maximum number of REST requests:** You can specify the maximum number of concurrent upload and download requests made by Vibe Desktop and mobile applications.

For more information, see “[Configuring Requests and Connections Configuration](#)” in the *Vibe 4.0.6 Installation Guide*.

- ♦ **Centralized Trash Management:** All items that have been sent to the trash are now visible in one location and can be restored or permanently deleted.

For more information, see “[Permanently Deleting Files from the Trash](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Data Quota on Outgoing Mail Messages:** You can set a data quota on outgoing mail messages. The combined size of all attachments in a single outgoing email cannot exceed the quota that you set.

For more information, see “[Enabling/Disabling Outbound Emailing of Folder Digests](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Download Vibe Desktop and Add-In from the Web Client:** You can make the Vibe Desktop and Vibe Add-In available to users from the Vibe web client.

For more information, see “[Configuring the Vibe Desktop Application for All Users](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Exporting and Importing Folders Includes Global Filters:** When you export and import folders out of and into Vibe, all global filters are included in the export and import. (Personal filters are not included.)

- ♦ **Workspace Templates Can Be Created at a Non-Global Level:** You can create workspace templates and make them available to only specific workspaces, rather than making them available at a global level.

- ♦ **Automatically Delete or Archive Audit Trail and Change Log Entries:** You can configure Vibe to automatically delete or archive Audit Trail and Change Log entries after a given number of months. This is helpful if these logs are consuming a lot of disk space.

For more information, see “[Managing Database Logs and File Archives](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Single Sign-On Support with KeyShield:** You can provide single sign-on to your Vibe site with KeyShield (KeyShield license not included).

For information, see “[Configuring Single Sign-On with KeyShield](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

- ♦ **Ability to Deter Brute-Force Attacks with CAPTCHA:** By default, [CAPTCHA \(http://en.wikipedia.org/wiki/CAPTCHA\)](http://en.wikipedia.org/wiki/CAPTCHA) is now enabled on the Vibe site, securing the Vibe web application against brute-force attacks.

For information about how to customize when CAPTCHA is used on the Vibe site, see “[Securing against Brute-Force Attacks with CAPTCHA](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

For information about how to enable CAPTCHA and set various configuration options, see [Securing against Brute-Force Attacks with CAPTCHA](#).

- ♦ **Ability to Secure User Passwords:** You can require the passwords of local and external users to meet certain password requirements.

For more information, see “[Securing User Passwords](#)” in the *Micro Focus Vibe 4.0.6 Administration Guide*.

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