

webMethods SWIFT FIN Module 6.1 Service Pack 4 Readme

September 2010

This file provides important information you must read before installing and using webMethods SWIFT FIN Module 6.1 Service Pack 4. You can find additional information about SWIFT FIN Module 6.1 on the Documentation page of the [Products section of the Empower Web site](#) (log-in required). In addition, the following suite-related information is also available at that location:

Product Documentation (includes system requirements, installation, and upgrade information)

You can find the following information in the Products section of the [Empower Web site](#):

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1.0 Critical Information

The following list describes the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

- None.

2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center section of the [Empower Product Support Web site](#).

- None.

3.0 Usage Notes

- To use the SWIFT 2010 messages, use the nov10 version of the message types.

4.0 Enhancements and Fixes

This section describes the enhancements and fixes in webMethods SWIFT FIN Module 6.1 Service Pack 4.

4.1 Fixes and Service Packs Included in This Release

webMethods SWIFT FIN Module 6.1 SP4 includes the following fixes and service packs made available since the last release. See the Knowledge Center section of the [Empower Product Support Web site](#) for more information about service packs and fixes.

- SWIFTFIN_6-1_SP3_Fix1
- SWIFTFIN_6-1_SP3
- SWIFTFIN_6-1_SP2_Fix18
- SWIFTFIN_6-1_SP2_Fix17

4.2 Resolved Issues

This section lists other issues that were resolved in this release.

- EFM-163
Subsequence B2 inside Sequence B is not repeatable.
In the SWIFT Nov 2009 Schema, in MT 340MT, Subsequence B2 inside Sequence B is not repeatable. Only field 22B inside Subsequence B2 is repeatable, as per the SWIFT Standard. This behavior occurs because the swiftmt340.xml file has Sequence B's list attribute defined as true.
The issue is resolved. The list attribute is now set to false for Sequence B in swiftMT340.xml.
- EFM-164
Optional Subsequence B1 inside Sequence B is not repeatable.
In the SWIFT Nov 2009 Schema, MT 341, optional Subsequence B1 inside Sequence B is not repeatable, as per the SWIFT Standard. This occurs because the swiftmt341.xml file has Sequence B's list attribute defined as true.
The issue is resolved. The list attribute is now set to false for Sequence B in swiftMT341.xml.
- EFM-165
SWIFT FIN message validation fails when validating currency subfield.
Field 37K generic validation does not allow a value of "PCT" for the currency subfield, which is allowed as per the SWIFT Standard. This occurs because field 37K is defined as currency in dfdmt000.xml, which allows only valid currency values.
This issue is resolved. The scope of definition now allows any sequence of characters matching the pattern 3!a, as per the SWIFT specification. If currency and PCT validation is needed, a custom rule must be created.
- EFM-167
SWIFT FIN message validation fails when validating 22C field in MT36 messages.
For MT36 series messages, SWIFT validation throws a T22 error for the 22C field even if fields 30P and 22C are present as per the SWIFT specification. This error occurs because field 22C validation does not extract the correct "YYMM" data from the 30P field to match against the four digits of the 22C field.
The issue is resolved. The extraction logic for the 30P field has been corrected.
- EFM-168
SWIFT FIN message validation fails with T33 error message for length validation of 77H.
SWIFT validation throws errors for correct field 77H generic validation length 6a[/8!n][[/4!n]. This behavior occurs because the field definition of 77H is not defined correctly for the last [[/4!n] element.
The issue is resolved. The 77H field definition has been modified in the following files, per the SWIFT Standard: dfdmt360.xml, dfdmt306.xml, dfdmt340.xml, dfdmt361.xml, and dfdmt601.xml.
- EFM-169
SWIFT FIN Module generates only a generic sequence for MT202COV.
MT202COV should contain a mandatory Sequence A and mandatory Sequence B. However, SWIFT FIN Module is generating only a generic sequence, which is incorrect.
The issue is resolved. The structure of swiftmt202COV.xml now correctly generates an IS document with the mandatory Sequence A and mandatory Sequence B.

- EFM-171
SWIFT validation throws a T96 error for a correct 22C field definition.
During message validation when comparing components 1 and 3 of the 22c field, SWIFT FIN Module throws a T96 error. This error occurs because SWIFT FIN Module incorrectly gives precedence to numbers over letters.
The issue is resolved. SWIFT FIN Module now gives precedence to letters over numbers during comparison of components 1 and 3.
- EFM-172
SWIFT FIN Module network validation rule for MT320 does not throw C98 error for missing other fields if 15H is present.
As per the SWIFT Standard network rule, in sequence H(Optional), field 15H may not be the only field. That is, if field 15H is present, then at least one of the other fields of sequence H must also be present. In this case, an error should be thrown, but it isn't. This behavior occurs because the SWIFT FIN Module network validation rule for MT320 is not correctly implemented to throw the C98 error when field 15H is present, but the other fields of sequence H are missing.
The issue is resolved. The network validation rule service for MT320, `wm.fin.doc.nov09.cat3:MT320NetworkValidationRules`, now implements the rule as per the SWIFT specification, and throws the C98 error when needed.
- EFM-173
SWIFT validation for 341 messages is incorrectly throwing a code word error when field 22A contains a value of "SETT."
Per the SWIFT Standard, 22A fields in 341 messages are validated using the pattern `4!c`, which should validate a value of "SETT." This behavior occurs because the file `dfdmt341.xml` does not have the code word "SETT" in the choice list for 22A.
This issue is resolved. The field definition for 22A has been changed in the following files to include the value "SETT," per the SWIFT Standard: `dfdmt341.xml`, `dfdmt620.xml`, `dfdmt304.xml`, `dfdmt320.xml`, and `dfdmt360.xml`.
- EFM-174
`wm.fin.dfd:convertTagFormat` error for MT360 message and 38E field.
SWIFT FIN Module throws an exception when the `wm.fin.dfd:convertTagFormat` service is invoked for the MT360 message with the 38E field. This exception occurs because the extraction logic for the "period" field fails in the `Period.java` file. This issue is resolved. The `Period.java` file has been changed per the SWIFT Standard and the extraction logic for period has been corrected.
- EFS-224
`wm.fin.dfd:convertTagFormat` error for MT340 and MT361 message with fields 14F or 14A.
SWIFT FIN Module throws an exception when the `wm.fin.dfd:convertTagFormat` service is invoked for MT340 and MT361 messages with fields 14F or 14A. The exception occurs because the field definitions of 14F and 14A are not correctly defined in `dfdmt000.xml` file.
This issue is resolved. The definitions of fields 14F and 14A have been corrected in `dfdmt000.xml`. These two fields have a predefined list of values, and the definitions are updated to add these values to a choice list.

4.3 Enhancements

- webMethods SWIFT FIN Module now supports the latest SWIFT 2010 MT message types.

4.4 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

- None.

4.5 Terminology Changes

- None.

4.6 Deprecated Items

- None.

4.7 Added, Removed, Deprecated, or Changed Built-in Services

- None.

4.8 Added, Removed, Deprecated, or Changed APIs

- None.

5.0 Installation and Upgrade Information

This section provides platform support, installation and uninstallation information for SWIFT FIN 6.1 Service Pack 4. It also explains how to upgrade to the SWIFT 2010 messages.

5.1 Platform Support

This service pack is supported on the same platforms as webMethods SWIFT FIN Module 6.1 SP3.

5.2 Installation

To install this service pack, do the following:

1. Download the Software AG Installer from the Empower Product Support Web site.

2. If you are installing webMethods SWIFT FIN Module 6.1 SP4 over an existing installation of the SWIFT FIN Module 6.1, back up the following webMethods SWIFT FIN Module 6.1 packages: WmFIN, WmFINDev, WmFINMarketPractice, WmFINMessages, WmFINSamples, WmFINTransport, WmCASmf, and WmIPCore.

Important! If SWIFT FIN Module 6.1 SP4 will be installed on top of SWIFT FIN Module 6.1 SP3 with the SWIFTFIN_6-1_SP3_Fix1.zip fix applied, back up all the SWIFT FIN 6.1 SP3 packages before installing SWIFT FIN Module 6.1 SP4. If SWIFT FIN Module 6.1 SP4 will be installed on top of SWIFT FIN Module 6.1 SP2 with any SWIFTFIN_6-1_SP2_Fix*n*.zip fixes applied, back up all the SWIFT FIN 6.1 SP2 packages before installing SWIFT FIN Module 6.1 SP4. If you need to uninstall SP4 and revert to your previous installed version of SWIFT FIN Module 6.1 (as explained in section 5.2.1 below), you must use the SP3 or SP2 backup to restore your system, including the fixes.

3. If you are installing webMethods SWIFT FIN Module SP4 on an already installed Integration Server, shut down the Integration Server.

Important! You must have administrator privileges on the webMethods Integration Server to execute these procedures. If you do not have administrator privileges, have your webMethods Integration Server administrator perform these procedures.

4. Start the Installer.
5. Choose the webMethods release that includes the Integration Server on which to install the module. For example, if you want to install the module on Integration Server 7.1, choose the 7.x release. Then enter your username and password.
6. The Installer prompts you for an installation directory. If an Integration Server is already installed on the computer, specify your existing webMethods installation directory. If you are installing the webMethods SWIFT FIN Module 6.1 Service Pack 4 and the Integration Server at the same time, specify an installation directory for webMethods software or accept the default directory.
7. If you are a new user of webMethods SWIFT FIN Module 6.1, in the component selection list, select **eStandards > webMethods SWIFT FIN Module 6.1** to install webMethods SWIFT FIN Module 6.1 along with Service Pack 4.
8. If you are installing Service Pack 4 over an existing installation of the SWIFT FIN Module 6.1, in the component selection list, navigate to **eStandards > webMethods SWIFT FIN Module 6.1**. Select **Service Pack 4**.
9. Select any required webMethods components you have not installed.
10. Click **Next**, and continue until you see the installation complete message.
11. Close the Installer.
12. Start Integration Server.
13. If you are already using SWIFT FIN Module 6.1:
 - a. Delete the existing IS document types in the `wm.fin.doc.version.category` folders in webMethods Developer to avoid any problem that may arise due to the existence of an older version.

- b. Re-import all the message types you are using by running the `wm.fin.dev:importFINItems` service.
14. If you are a new user of SWIFT FIN Module 6.1, see the *webMethods SWIFT FIN Module Installation and User's Guide 6.1* for instructions to configure and use the SWIFT FIN Module. To use the SWIFT 2010 messages, use the nov10 version of the message types, as described below in section [5.4 Upgrade Messages](#).

5.3 Uninstallation

Important! The following steps explain how to uninstall only webMethods SWIFT FIN Module 6.1 Service Pack 4 and revert back to your previous installed version of the SWIFT FIN Module 6.1. If you are a new user of SWIFT FIN Module, and you have installed the webMethods SWIFT FIN Module 6.1 along with Service Pack 4, you must uninstall SWIFT FIN Module 6.1 in its entirety.

To uninstall only webMethods SWIFT FIN Module 6.1 Service Pack 4, do the following:

1. Shut down the Integration Server that hosts webMethods SWIFT FIN Module.
2. Start the Uninstaller for your operating system as described in the *webMethods Installation Guide*.
3. Select “webMethods *release installation_directory*” as the program to uninstall, where *release* and *installation_directory* are the release and installation directory of the Integration Server on which webMethods SWIFT FIN Module Service Pack 4 is installed.
4. In the component selection list, navigate to **eStandards** and select **webMethods SWIFT FIN Module > Service Pack 4** as the program to uninstall.
5. The Uninstaller removes all webMethods SWIFT FIN Module 6.1 Service Pack 4 related files that were installed in the *IntegrationServer_directory\packages* directory. If you need to revert to your previous SWIFT FIN Module 6.1 installation, you must use the SP3 or SP2 backup that was performed earlier to restore your system, including the fixes.
6. Re-import all the message types that you are using by running the `wm.fin.dev:importFINItems` service.

5.4 Upgrade Messages

To upgrade to the SWIFT 2010 messages, do the following.

Note: If you are using a previous version of the message types and would like to upgrade to SWIFT 2010 messages, import all the 2010 message types that you would like to use, and then update the TPA and the mapping services.

1. Import the 2010 message types for the message types you are using:
 - a. Import all the message types by running the `wm.fin.dev:importFINItems` service using webMethods Developer.
 - b. In the input dialog box for `importFINItems`, specify the following values:

`msgType = <Message type> (for example, 535)`

version = nov10

createDocType = false

createProcessingRule = false

createTPA = false

A new nov10 folder, `wm.fin.doc.nov10`, is created in the `WmFINMessages` package with the new IS document types.

2. Update the TPA for the message types using the Trading Networks Console Agreement Details screen:
 - a. Specify Agreement IDs:
 - For the inbound messages, the Agreement ID is in the format: `MT<Message type>` (for example, `MT535`).
 - For the outbound messages, the Agreement ID is the name of the TN document type for the backend system format document (for example, `InternalCorporateAction`).
 - b. Change the Agreement Status to Proposed.
 - c. Open the TPA and modify the TPA's SWIFT-specific input parameters using the Input for <IS Document Type> dialog:
 1. Click the **Set Inputs** button (located on the right side of the Agreement Details screen). The Input for <IS Document Type> dialog appears.
 2. Set the `ISDocumentName` parameter to point to the corresponding document type in the nov10 version folder, `wm.fin.doc.nov10`.
 3. Set the `Version` parameter to "nov10".
 4. If the `ValidateNetworkRules` parameter is set to Yes, update the `NetworkValidationService` parameter to point to the service in the `wm.fin.doc.nov10` folder.
 5. If the `ValidateMarketPracticeRules` parameter is set to Yes, update the `MarketPracticeRulesService` parameter to point to the service in the `wm.fin.doc.nov10` folder.
 6. Click **OK** to save your input parameter changes.
 - d. Click **OK** to save the information on the Agreement Details. Change the Agreement Status to Agreed.
3. Update the inbound and outbound mapping services using `webMethods Developer`. If you want to use a modified SWIFT 2010 message type, remap the elements of the message type to the corresponding elements of the new nov10 version of the IS doc type.

For more information on importing the message types, updating the TPA, and mapping the message types, see the *webMethods SWIFT FIN Module Installation and User's Guide*.

6.0 Copyright Information

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7.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower Product Support Web site](#)

Visit the Empower Web site to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit this site to access additional webMethods articles, demos, and tutorials, technical information, useful resources, online discussion forums, and more. To participate in other product communities, visit the [Software AG Developer Community](#).

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