



Informatica® Corporation B2B Data Transformation SR 2019 SWIFT Library Release Notes June 2019

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Use the *Data Transformation SWIFT Release Notes* to learn about certification, new features, changes, and previous changes to libraries of the Data Transformation SWIFT library.

The SWIFT library is compatible with all supported versions of Data Transformation. For more information about the library, see the *Data Transformation Libraries Guide*.

Certification

The Data Transformation SWIFT library is SWIFT MDS Label 2011 certified.



New Features

The Data Transformation library now supports the SWIFT SR 2019 version.

The library includes MX updates according to the ISO 20022 updates from May 31, 2019.

Changes

This release includes SWIFT SR 2019 updates. For a full list of qualifiers and codes, see the *SWIFT User Handbook*.

Category 0

The following table describes changes to Category 0 messages:

Message	Changed Description
MT 02	New optional field 328.
S 16	New message that is a system request to log out.

Category 3

The following table describes changes to Category 3 messages:

Message	Changed Description
MT 300	<p>Sequence A Field 82a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence A Field 87a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence A Field 83a removed option D. Rule T78 for option J changed to new format 9 (T79, D26).</p> <p>Sequence B1 Field 53a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence B1 Field 56a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence B1 Field 57a removed option D. Rule T78 for option J changed to new format 8 (T79, D26).</p> <p>Sequence B2 Field 53a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence B2 Field 56a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Sequence B2 Field 57a removed option D. Rule T78 for option J changed to new format 8 (T79, D26).</p> <p>Sequence B2 Field 58a removed option D. Rule T78 for option J changed to new format 7 (T79).</p> <p>Added optional Sequence F with the following fields:</p> <ul style="list-style-type: none"> - Mandatory field 21H (T36, T26) - Mandatory field 21F (T26) - Optional field 30F (T50) - Optional field 32H (T52, C08, C03, T40, T43, T14) - Optional field 33E (T52, C08, C03, T40, T43)
MT 304	<p>Network validation rule D02 was changed.</p> <p>Sequence A Field 22A- new code was added (T36).</p> <p>Sequence A Field 83a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 9 (T79).</p> <p>Sequence A Field 82a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence A Field 87a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence B1 Field 53a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 8 (T79, D26).</p> <p>Sequence B1 Field 56a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence B1 Field 57a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence B2 Field 53a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence B2 Field 56a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p> <p>Sequence B2 Field 57a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 8 (T79, D26).</p> <p>Sequence B2 Field 58a removed option D. Rule T78 for option J was updated. Option J format for this field was changed to new format 7 (T79).</p>

Category 5

The following table describes changes to Category 5 messages:

Message	Changed Description
MT 502	Sequence C field 22F added code (K22).
MT 506	Sequence C field 20a (previously 20C) added field option U (T89, T26).
MT 509	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26).
MT 513	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26). Sub-sequence D3 field 17B added qualifier (T89).
MT 514	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26). Sub-sequence C3 field 17B added qualifier (T89).
MT 515	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26). Sub-sequence D3 field 17B added qualifier (T89).
MT 517	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26).
MT 518	Sub-sequence A1 field 20a (previously 20C) added field option U (T89, T26). Sub-sequence C3 field 17B added qualifier (T89).
MT 530	Sequence B field 20a (previously 20C) added field option U (T89, T26). Sub-sequence B1 field 20a (previously 20C) added field option U (T89, T26). Sequence C added optional field 17B (T89, K17).
MT 535	Sequence A field 22F added qualifier (K22). Sequence A field 17B added qualifier (T89). Sequence C added optional field 70H (T89).
MT 536	Sequence B1a1 field 20a (previously 20C) added field option U (T89, T26).

Message	Changed Description
MT 537	<p>The following network validation rules changed:</p> <ul style="list-style-type: none"> - E66 - E08 - E37 - E98 <p>New network validation rule D92.</p> <p>Sequence A field 23G added a code (T86).</p> <p>Sequence A field 22F added code (K22).</p> <p>Sub-sequence B2a field 20a (previously 20C) added field option U (T89, T26).</p> <p>Sub-sequence C1 field 20a (previously 20C) added field option U (T89, T26).</p> <p>New optional sequence Penalties was added as sequence D. It includes the following fields:</p> <ul style="list-style-type: none"> - New optional field 69a (T89, T50, T38) - New mandatory field 22F (T89, K22) - New optional field 95a (T89, T27, T28, T29, T45) - New optional field 70E (T89) <p>New optional sub-sequence Penalties per Currency for a Party D1 was added. It includes the following fields:</p> <ul style="list-style-type: none"> - New optional field 11A (T89, T52) - New optional field 98a (T89, T50, T38) - New mandatory field 95a (T89, T27, T28, T29, T45) - New mandatory field 22F (T89, K22) - New optional field 19A (T89, C03, T40, T43, T52, T14) - New optional field 70E (T89) <p>New optional sub-sequence Penalties per Counterparty was added as D1a. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 95a (T89, T27, T28, T29, T45, T26) - New mandatory field 22F (T89, K22) - New mandatory field 19A (T89, C03, T40, T43, T52, T14) - New optional field 70E (T89) <p>New optional sub-sequence Penalty Details was added as D1a1. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 20C (T89, T26) - New mandatory field 22F (T89, K22) - New optional field 17B (T89, K17) - New optional field 25D (T89, K25) - New optional field 24B (T89, K24) - New optional field 70D (T89) - New mandatory field 19A (T89, C03, T40, T43, T52, T14) - New mandatory field 22F (T89, K22) - New mandatory field 99A (T89, T14) - New optional field 70E (T89) <p>New optional sub-sequence Calculation Details was added as D1a1A. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 98a (T89, T50, T38, T39, T14) - New optional field 17B (T89, K17) - New optional field 92a (T89, T40, T43, T14) - New optional field 19A (T89, C03, T40, T43, T52, T14) - New optional field 70E (T89)

Message	Changed Description
	<p>New optional sub-sequence Financial Instrument Attributes was added as D1a1A1. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 35B (T17, T12) - New optional field 12a (T89) - New optional repeatable field 17B (T89, K17) - New optional field 90a (T89, K90, T40, T43, T52, T69, T14) - New optional repeatable field 94a (T89, K94, T73, T27, T28, T29, T45, T26) - New optional field 98a (T89, T50, T38) - New optional repeatable field 92a (T89, T40, T43, T14) - New optional field 70E (T89) <p>New optional sub-sequence Related Transaction was added as D1a1A2. It includes the following field:</p> <ul style="list-style-type: none"> - New mandatory field 20C (T89, T26) <p>New optional subsequence Transaction Details was added as D1a1A2a. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 22F (T89, K22) - New mandatory field 98a (T89, K98, T50, T38) - New optional field 97a (T89, K97) - New optional field 95a (T89, T27, T28, T29, T45, T26) - New mandatory field 22H (T89, K22) - New mandatory field 36B (T89, K36, T40, T43) - New optional field 19A (T89, C03, T40, T43, T52, T14) - New mandatory field 98C (T89, T50, T38) - New optional field 70E (T89) <p>New optional subsequence Status was added as D1a1A2a1. It includes the following field:</p> <ul style="list-style-type: none"> - New mandatory field 25D (T89, K25) <p>New optional subsequence Reason was added as D1a1A2a1A. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 24B (T89, K24) - New optional field 70D (T89) <p>Sequence E, Additional Information, was previously known as sequence D.</p>
MT 540 - MT 547	<p>Subsequence A1 Field 20a (previously 20C): Field option U was added (T89, T26).</p> <p>Sequence B Field 22F added code (K22).</p> <p>Subsequence E3 field 17B added qualifier (T89).</p>

Message	Changed Description
MT 548	<p>The following network validation rules changed:</p> <ul style="list-style-type: none"> - E37 - E98 - E88 <p>The following network validation rules are new:</p> <ul style="list-style-type: none"> - E08 - D92 <p>Sequence A field 23G added code (T86).</p> <p>Subsequence A1 field 20a (previously 20C) added field option U (T89, T26).</p> <p>Subsequence A2a field 24B added code (K24).</p> <p>New optional sequence Penalties was added as C. It includes the following fields:</p> <ul style="list-style-type: none"> - New optional field 69a (T89, T50, T38) - New mandatory field 22F (T89, K22) - New optional field 95a (T89, T27, T28, T29, T45) - New optional field 70E (T89) <p>New optional subsequence Penalties per Currency for a Party was added as C1. It includes the following fields:</p> <ul style="list-style-type: none"> - New optional field 11A (T89, T52) - New optional field 98a (T89, T50, T38) - New mandatory field 95a (T89, T27, T28, T29, T45, T26) - New mandatory field 22F (T89, K22) - New optional field 70E (T89) <p>New optional subsequence Penalties per Counterparty was added as C1a. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 95a (T89, T27, T28, T29, T45, T26) - New mandatory field 22F (T89, K22) - New mandatory field 19A (T89, C03, T40, T43, T52, T14) - New optional field 70E (T89) <p>New optional subsequence Penalty Details was added as C1a1. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 20C (T89, T26) - New mandatory field 22F (T89, K22) - New optional field 17B (T89, K17) - New optional field 25D (T89, K25) - New optional field 24B (T89, K24) - New optional field 70D (T89) - New mandatory field 19A (T89, C03, T40, T43, T52, T14) - New mandatory field 22F (T89, K22) - New mandatory field 99A (T89, T14) - New optional field 70E (T89) <p>New optional subsequence Calculation Details was added as C1a1A. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 98a (T89, T50, T38, T39, T14) - New optional field 17B (T89, K17) - New optional field 92a (T89, T40, T43, T14) - New mandatory field 19A (T89, C03, T40, T43, T52, T14) - New optional field 70E (T89)

Message	Changed Description
	<p>New optional subsequence Financial Instrument Attributes was added C1a1A1. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 35B (T17, T12) - New optional field 12a (T89) - New optional repeatable field 17B (T89, K17) - New optional field 90a (T89, K90, T40, T43, T52, T69, T14) - New optional repeatable field 94a (T89, K94, T73, T27, T28, T29, T45, T26) - New optional field 98a (T89, T50, T38) - New optional repeatable field 92a (T89, T40, T43, T14) - New optional field 70E (T89) <p>New optional subsequence Related Transaction was added as C1a1A2. It includes the following field:</p> <ul style="list-style-type: none"> - New mandatory field 20C (T89, T26) <p>new optional subsequence Transaction Details was added as C1a1A2a. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 22F (T89, K22) - New mandatory field 98a (T89, K98, T50, T38) - New optional field 97a (T89, K97) - New optional field 95a (T89, T73, T27, T28, T29, T45, T26) - New mandatory field 22H (T89, K22) - New mandatory field 36B (T89, K36, T40, T43) - New optional field 19A (T89, C03, T40, T43, T52, T14) - New mandatory field 98C (T89, T50, T38) - New optional field 70E (T89) <p>New optional subsequence Status was added as C1a1A2a1. It includes the following field:</p> <ul style="list-style-type: none"> - New mandatory field 25D (T89, K25) <p>New optional subsequence Reason was added as C1a1A2a1A. It includes the following fields:</p> <ul style="list-style-type: none"> - New mandatory field 24B (T89, K24) - New optional field 70D (T89) <p>Sequence C, Previous Additional Information, is now sequence D. It includes field 95a with new rule (T73).</p>
MT 549	Sequence C field 20a (previously 20C) added field option U (T89, T26).
MT 559	Deleted.
MT 564	<p>Sequence E field 22F added code (K22).</p> <p>Subsequence E2 field 19B added code (T89).</p> <p>Sequence F field 95a added new option L and added new qualifiers (T89).</p>

Message	Changed Description
MT 565	New network validation rule E77. New network validation rule E90. Sequence C field 95a added new option L (T89). Sequence D field 22a added new qualifier (T89, K22). Sequence D field 36a added new qualifier (T89). Sequence D added new optional field 20D (T89, T26).
MT 566	Sequence C field 17B removed qualifier removed (T89). Subsequence D2 field 19B added new qualifiers (T89).
MT 567	Subsequence A2a field 24B added new codes (K24). Sequence B field 22a added new qualifier (T89, K22).
MT 575	Subsequence B1a1 field 20a (previously 20C) added field option U (T89, T26). Subsequence C1 field 20a (previously 20C) added field option U (T89, T26).
MT 578	Subsequence A1 field 20a (previously 20C) added field option U (T89, T26).
MT 586	Subsequence B1 field 20a (previously 20C) added field option U (T89, T26).

Category 8

The following table describes changes to Category 8 messages:

Message	Changed Description
MT 800	Deleted.
MT 824	Deleted.

Known Limitations

The following table describes known limitations in this release:

CR	Description
B2BT-421	<p>When you open the MT940 or MT950 Restricted serializer services in Informatica Developer, the lookup table resides in a temporary folder instead of residing in the project folder.</p> <p>Workaround:</p> <p>In Informatica Developer, perform the following steps:</p> <ol style="list-style-type: none">1. In Object Explorer, in the Objects tab, right-click SWIFT_SR2019_Cat9_MT940, and then select Generate Library Objects. You might have to wait a few seconds for the project to deploy.2. Still in the Object tab, expand Generated Library Objects, and then double-click MT940_splitter.3. Scroll down to Roundoff. Expand Roundoff > Map > Transformers > LookupTransformer > look_at = XMLLookupTable.4. Change the value of look_at = XMLLookupTable to the following value: <installation_folder>\clients\DT\ServiceDB\SWIFT_Lookups \CurrencyCodeToDigits_Lookup.xml5. Repeat steps 1 through 4 for the SWIFT_SR2019_Cat9_MT950 object.6. Save and validate the project.

Previous Changes to Libraries

For more information about changes to libraries from version 10.2.1 and earlier, you can refer to earlier versions of the release notes.

Refer to the following versions of the *Swift Library Release Notes*:

- [Version 10.2.1](#)
- [Version 10.1.1](#)
- [Version 10.1](#)
- [Version 10.0](#)

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