TIPS rolling upgrade

TIPS Release R2024.NOV
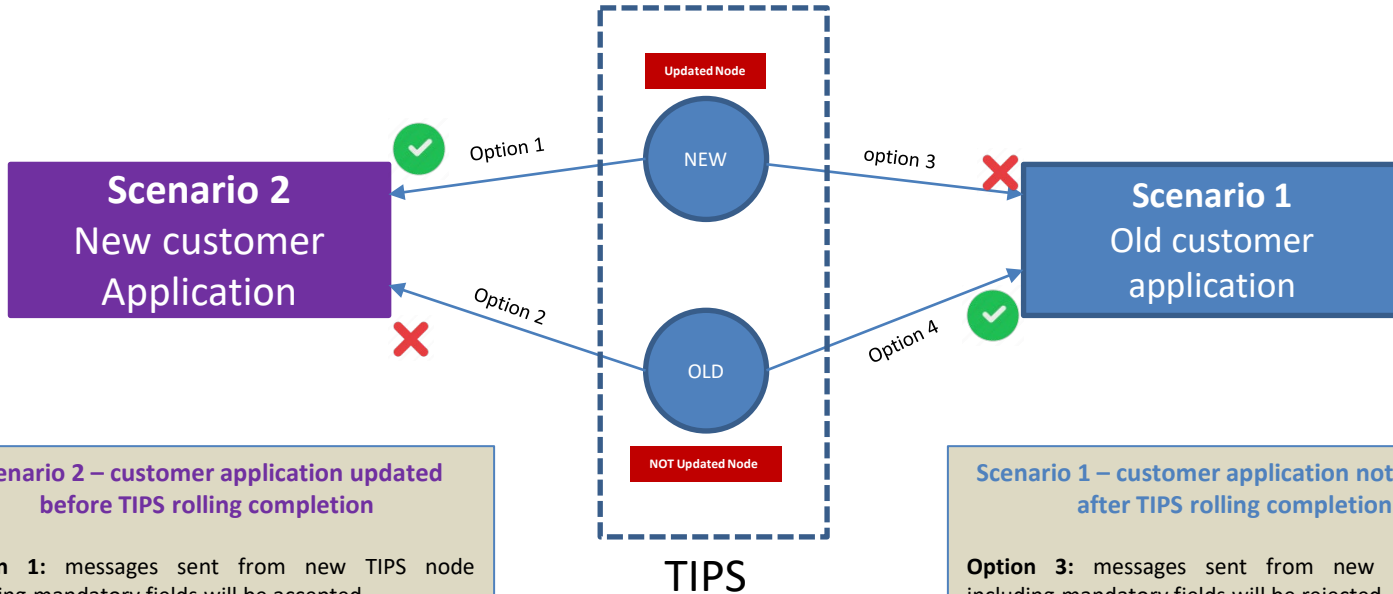
TIPS CG

15 October 2024

❑ **START OF DEPLOYMENT**: The deployment will start on Monday 18th November calendar date

❑ **END OF DEPLOYMENT**: The deployment will be completed at the latest on Friday 22th November calendar date

Being the deployment executed in rolling, the nodes will not be updated simultaneously, but there will be a coexistence of new and old software until the activities are completed.

- **Outbound messages (from TIPS): inclusion of mandatory fields**

Updated Node

NEW

Option 1 ✅

option 3 ❌

Scenario 2
New customer
Application

Scenario 1
Old customer
application

Option 2

❌

OLD

Option 4 ✅

NOT Updated Node

TIPS

Scenario 2 – customer application updated before TIPS rolling completion

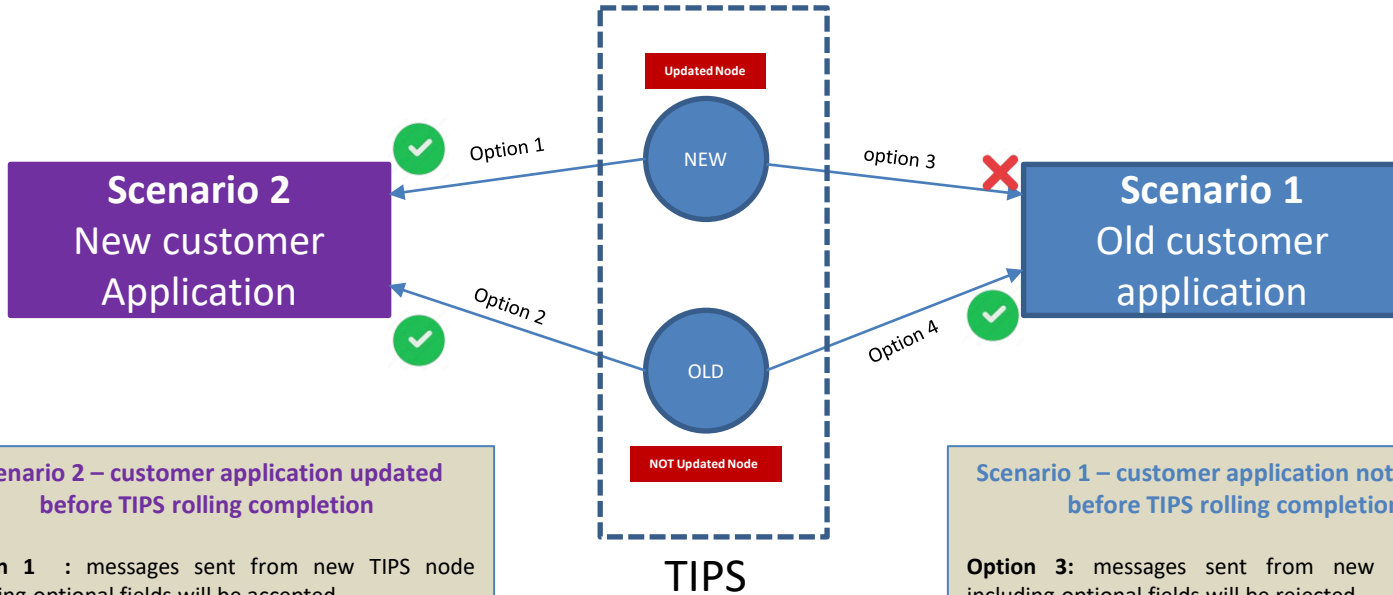**Option 1:** messages sent from new TIPS node including mandatory fields will be accepted

Option 2: messages sent from old TIPS node not including mandatory fields will be rejected

Scenario 1 – customer application not updated after TIPS rolling completion

Option 3: messages sent from new TIPS node including mandatory fields will be rejected

Option 4: messages sent from old TIPS node (mandatory fields not yet included) will be accepted

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- **Outbound messages (from TIPS): inclusion of optional fields**

Scenario 2 – customer application updated before TIPS rolling completion

Option 1 : messages sent from new TIPS node including optional fields will be accepted
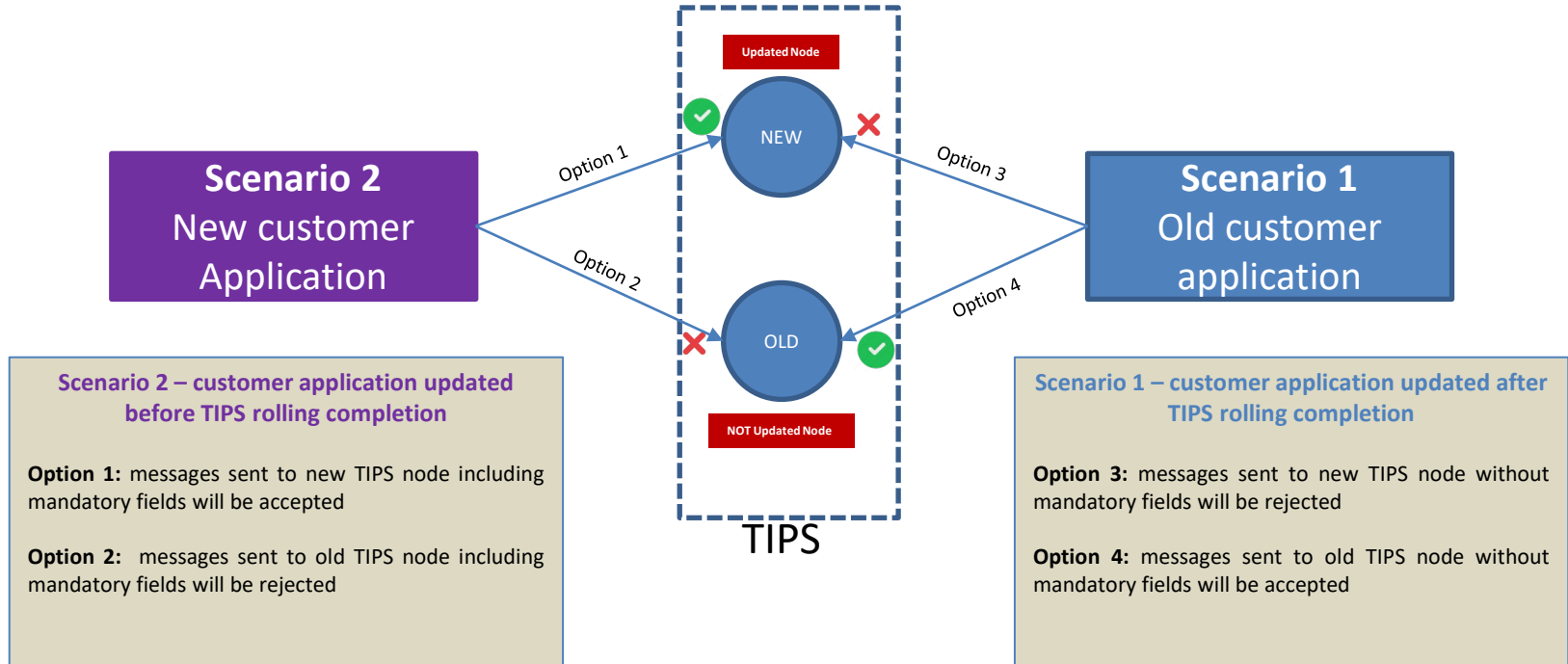
Option 2: messages sent from old TIPS node not including optional fields will be accepted

Scenario 1 – customer application not updated before TIPS rolling completion
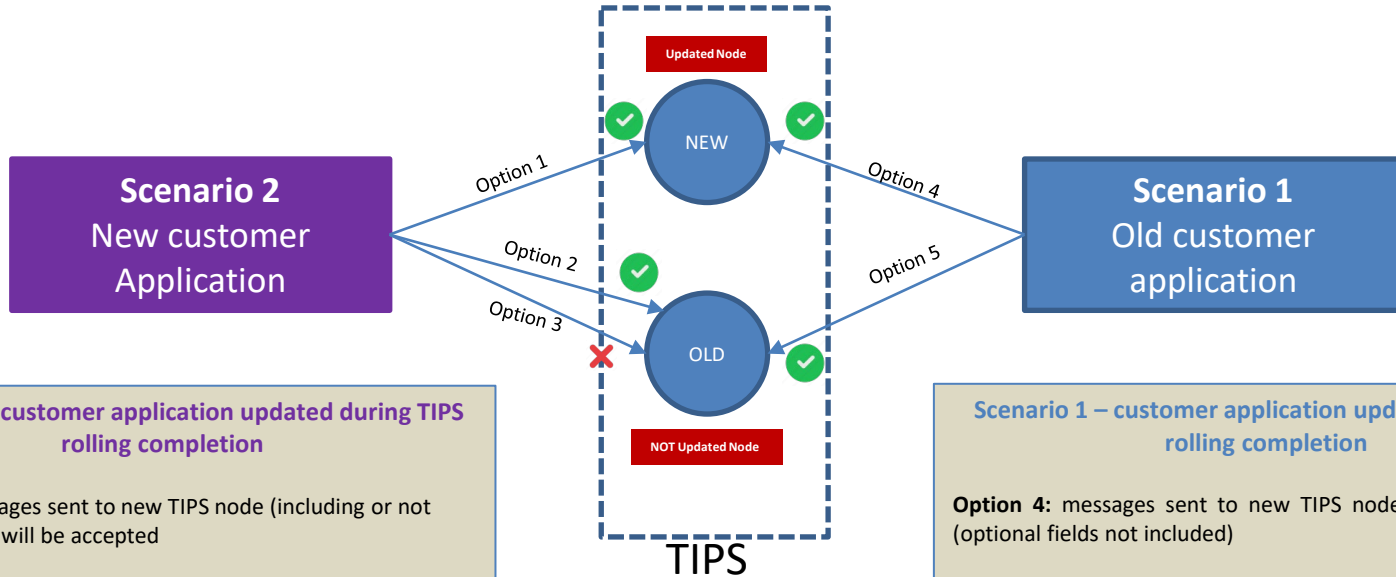
Option 3: messages sent from new TIPS node including optional fields will be rejected

Option 4: messages sent from old TIPS node not including optional fields will be accepted

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- **Inbound messages (to TIPS) – inclusion of mandatory fields**

Scenario 2
New customer
Application

Scenario 1
Old customer
application

Updated Node

NEW

NOT Updated Node

OLD

Option 1

Option 2

Option 3

Option 4

TIPS

Scenario 2 – customer application updated before TIPS rolling completion

Option 1: messages sent to new TIPS node including mandatory fields will be accepted

Option 2: messages sent to old TIPS node including mandatory fields will be rejected

Scenario 1 – customer application updated after TIPS rolling completion

Option 3: messages sent to new TIPS node without mandatory fields will be rejected

Option 4: messages sent to old TIPS node without mandatory fields will be accepted

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- **Inbound messages (to TIPS) – inclusion of optional fields**

Updated Node

NEW

Option 1

Option 2

Option 3

NOT Updated Node

OLD

Option 4

Option 5

TIPS

Scenario 2
New customer Application

Scenario 1
Old customer application

Scenario 2 – customer application updated during TIPS rolling completion

Option 1: messages sent to new TIPS node (including or not optional fields) will be accepted

Option 2: messages sent to old TIPS node not including optional fields will be accepted

Option 3: messages sent to old TIPS node including optional fields will be rejected

Scenario 1 – customer application updated after TIPS rolling completion

Option 4: messages sent to new TIPS node will be accepted (optional fields not included)

Option 5: messages sent to old TIPS node will be accepted (optional fields not included)

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TIPS Release R2024.NOV – Suggested approach

To avoid rejections during the TIPS rolling upgrade, 4CBs propose the following way forward.

Scope	Change	Suggested behavior	Schema-Scenario-Option
CR-62	ValDt has been added to camt.054 message to expose the business date	Tag is not present in old version; customers should switch to new schema version of camt.054 message before the release process begin and manually configure the ValDt tag as optional (by adding minOccurs="0") until the release process is completed. The deployment of the new release on customer side should start only once the TIPS rolling upgrade is completed on Friday.	**Schema 1 → Scenario 1 → Option 3** fixed with the schema update on customer side **Schema 1 → Scenario 1 → Option 4**
CR-45	New OPBD balance type code added to camt.053 message to expose an additional balance (the opening balance)	MaxOccurs is not defined in old version of Bal tag (i.e. defaults to 1); moreover, the new balance type code is not present in the old version of the XSD; customers should switch to the new schema version of camt.053 message before the release process begin. The deployment of the new release on customer side should start only once the TIPS rolling upgrade is completed on Friday.	**Schema 1 → Scenario 1 → Option 3** fixed with the schema update on customer side **Schema 1 → Scenario 1 → Option 4**
CR-68	Introduction of Ultimate Debtor, Debtor, Creditor and Ultimate Creditor optional fields in camt.056, camt.029, pacs.004 and pacs.028	The deployment of the new release on customer side should start only once the TIPS rolling upgrade is completed on Friday.	**Schema 4 → Scenario 1 → Option 4** **Schema 4 → Scenario 1 → Option 5**

- The rolling upgrade will be split in two parts:

  - **Part 1: Monday 18th November-Wednesday 20th November** → management of new messages will be completely available already on Wednesday approximatively at lunch time if no issues will be faced during deployment.

  - **Part 2: Thursday 21st November-Friday 22nd November** → full set of release functionalities available

4CBs will send to CBs an email informing about the completion of both part 1 and part 2.

In turn, CBs will share this information with their Participants.

It is up to Participants to decide whether to start their deployment already after part 1 is completed on Wednesday or wait for the full release availability on Friday.

Conclusions:

1. **4CBs suggest** <u>to update schemas before TIPS rolling upgrade starts</u> making mandatory fields as optional.

2. **If the update of schemas is not technically possible**, <u>the banks need to be ready to manually reconcile</u> (camt.053 and camt.054 could be rejected on customer side).

To be noted:

1. TIPS is 24/7 system and the rolling upgrade strategy has been developed to avoid any downtime during the delivery of new releases.

2. Customers should align their approach with this principle and make their applications retro-compatible during the release of new software.

Thank you for the attention!