



Single Family Master Servicing Changes (LL-2021-12)

Fannie Mae Integration Test Plan

March 18, 2022

Version 1.0



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Document Change History		
Published Date	Modified Section	Description
3/08/2022	All	Initial Document Publications
3/18/2022	All	Test Setup – Test sign up deadline updated to April 15 th , 2022



Fannie Mae Integration Test Objective

As announced in LL-2021-12, with a goal to further simplify and streamline servicer reporting, Fannie Mae is introducing changes in a phased approach.

- Guaranty Fee Relief After Four Months Delinquency
- Cash Simplification Changes
 - LAR 96 Format Expansion
 - P&I Remittance for Summary Reporting A/A Mortgage Loans

The purpose of the Fannie Mae Integration Test Plan is to prepare servicers and service bureaus for Fannie Mae's system changes related to the Guaranty Fee Relief Process After Four Months of Delinquency and Cash Simplification Changes announced in [Lender Letter LL-2021-12](#).

This plan consists of the following sections:

- Fannie Mae Integration Test Overview
- Fannie Mae Integration Test Environment
- Integration Test Approach
- Recommended Test Scenarios
- Test Setup
- Proposed Test Calendar Schedule
- Test Support

Fannie Mae Integration Test Overview

Integration Testing with Fannie Mae will occur in a production-like test environment, **not** in production:

- Fannie Mae will set up an integration test environment and work with servicers and service bureaus to prepare test data
- Servicers and service bureaus must use the Fannie Mae integration test environment and the prepped test data to conduct integration testing

Guaranty Fee Relief after Four Months Delinquency Testing Overview

The focus of the integration test are the following changes that support Fannie Mae's Guaranty Fee Relief Process and system changes that will be effective with the June 2022 cash remittance cycle.

- Changes to Remittance Detail Guaranty Fee Report – B2B and FM Connect
- New S/S Cash Position Download –LSDU
- New Guaranty Fee Adjustment Details Download – LSDU
- New Guaranty Fee Adjustment Details Report – B2B
- New Guaranty Fee Draft Amount Details Download –LSDU
- Updated loan activity in LSDU's Loan Data Details Screen



Fannie Mae Integration Test Environment for Guaranty Fee after Four Months Delinquency

Fannie Mae's integration test environment will be available for integration testing beginning April 2022. The integration test environment will be prepared for servicers and service bureaus to test the Guaranty Fee Relief Process after Four Months Delinquency changes.

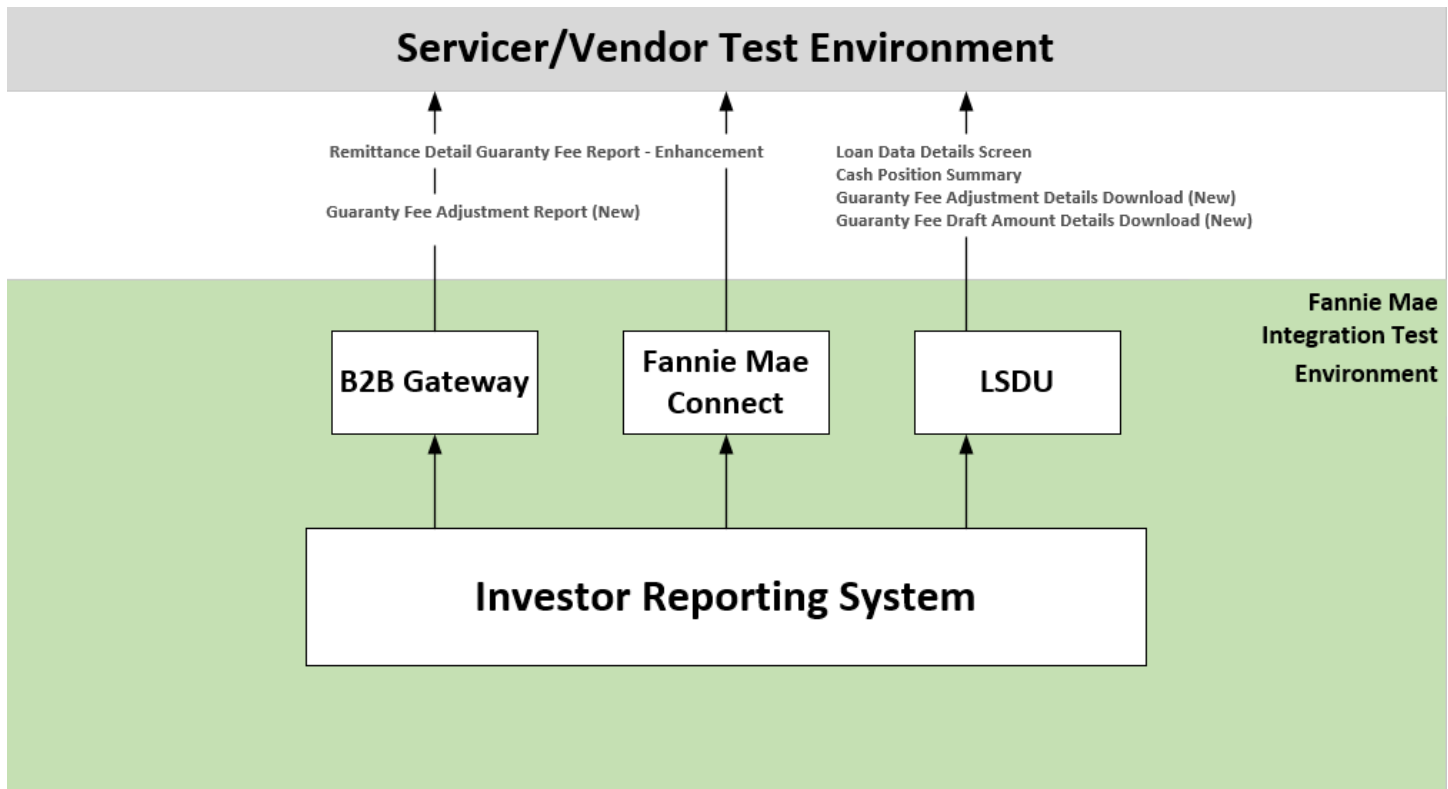
At the beginning of a given reporting period, Fannie Mae applications in the test environment will:

- Evaluate all eligible S/S MBS SWAP Remittance Type Mortgage Loans and place all loans that are more than four months delinquent into the Guaranty Fee Relief Process.
- For S/S MBS SWAP Remittance Type Mortgage Loans that are in the Guaranty Fee Relief Process, Fannie Mae will provide the corresponding Guaranty Fee Credit/Draft Amounts and track the Guaranty Fee remittance activity based on movement of the Last Paid Installment Date, caused by payment activity.
- Upon exiting the Guaranty Fee Relief Process, Fannie Mae applications in the test environment will remove the loan from the Guaranty Fee Relief Process, finalize any Loan Outstanding Guaranty Fee Receivables and resume normal collection of Guaranty Fee remittance activity for the given reporting period.

Fannie Mae will provide return files and/or data (both B2B and UI) necessary for servicers and service bureaus to test within the test environment.

The following diagram shows the applications that will be available to servicers and service bureaus in the test environment for:

Guaranty Fee Relief Process after Four Months Delinquency Test Environment:





Integration Test Approach for Guaranty Fee after Four Months Delinquency

Fannie Mae will source data from the production environment, execute the affected applications in the integration test environment, and produce the appropriate data to support the changes.

- For Guaranty Fee Relief after Four Months Delinquency testing, servicers will be able to view cash impacts of the loans entering, remitting and reporting, and exiting the Guaranty Fee Relief Process via B2B, LSDU and Fannie Mae Connect. Servicers and Service Bureaus with B2B connectivity to the test environment will receive files via B2B.
- The data in the testing environment will reflect a BD2 snapshot of the current activity period. Data will be static as of the beginning of each integration test execution cycle.

Recommended Test Scenarios for Guaranty Fee after Four Months Delinquency

Please reference the Guaranty Fee Relief Process After Four Months of Delinquency - Recommended Integration Test Scenarios document.

LAR 96 Format Expansion Testing Overview

Additional details coming soon.

P&I Remittance for Summary Reporting A/A Mortgage Loans Testing Overview

Additional details coming soon.

Test Setup

Servicers and service bureaus will be required to inform Fannie Mae if they intend to participate in testing by the April 15th, 2022 deadline by submitting an email to the future_of_servicing@fanniemae.com mailbox. Requests submitted after the deadline will be reviewed on a case-by-case basis.

Test User Account Setup

Fannie Mae will work with servicers, who have indicated they will be participating in testing, to provide access to the Fannie Mae Connect and LSDU applications in the test environment.

Servicers will be required to provide test username, email address, phone number, and nine-digit seller servicer number they want to use for integration testing with Fannie Mae. Once access is provisioned, test users will receive an email from Fannie Mae Technology Registration to setup the password for the test account.

Test Data Setup

Guaranty Fee Relief after Four Months Delinquency Test Data Setup Approach

Fannie Mae will source data on all existing loans from the production investor reporting system as of the following snapshots:

- March 2022 BD2 (March 2nd)
- April 2022 BD2 (April 4th)

Fannie Mae will scrub the data in accordance with corporate policies and procedures, prepare the test environment with the scrubbed data, and validate the test data.

Test data will be available in the Fannie Mae test environment for:

1. May 2022 integration testing cycle, simulating March 2022 reporting cycle, end of February 2022 Activity Period
 - a. Guaranty Fee Relief Process after Four Months Delinquency and system changes
2. June 2022 testing cycle, simulating April 2022 reporting cycle, end of March 2022 Activity Period



- a. Guaranty Fee Relief Process after Four Months Delinquency and system changes

*Note: Testing functionality will be available after June 2022

LAR 96 Format Expansion Test Data Setup Approach

Additional details coming soon.

P&I Remittance for Summary Reporting A/A Mortgage Loans Test Data Setup Approach

Additional details coming soon.

Test Data Masking

Fannie Mae will scrub the data in accordance with corporate policies and procedures, prepare the integration test environment with the scrubbed data, and validate the test data:

Attribute	Masked Value
Borrower First Name	FIRSTNAME
Borrower Middle Name	Mname
Borrower Last Name	LASTNAME
Borrower Social Security Number	999000999
Property Street Address	000 Not Valid St
Servicer ABA Number	999000999
Servicer Bank Account Number	999-000-999

Fannie Mae Loan Identifier, Lender Loan Number, and Seller Servicer Number will not be masked.



Test Calendar Schedule

April 2022						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2022						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2022						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

FANNIE MAE OBSERVED HOLIDAY

WEEKENDS and NON-TESTING DAYS

TEST DATA SETUP

- Test data loaded into test environment based

CONNECTIVITY TESTING & USER SETUP

- Test connectivity for B2B customers
- User access to Fannie Mae Connect and LSDU will be setup

CUSTOMERS DUE DATE FOR TESTING

APRIL 2022

- Test connectivity for B2B customers
- User access to Fannie Mae Connect and LSDU will be setup

MAY 2022 TESTING CYCLE

- Guaranty Fee Relief after Four Months of Delinquency Intergration Test Cycle 1

JUNE 2022 TESTING CYCLE

- Guaranty Fee Relief after Four Months of Delinquency Intergration Test Cycle 2

Test Support

Test support will be available via the future_of_servicing@fanniemae.com mailbox from 8AM to 5PM ET on the test execution days identified in the Test Calendar Schedule section of the Fannie Mae Integration Test Scenarios document.

Testing Support for Guaranty Fee Relief after Four Months Delinquency

If servicers and/or service bureaus encounter questions or issues during testing, they should complete a Guaranty Fee Relief After Four Months Delinquency Test Finding Form, in the appendix of this document, and provide the form in the body of the email to the support mailbox.

The subject of the email should state “Guaranty Fee Relief After Four Months Delinquency Test Finding Form” and attach any relevant information such as screen shots or test data file(s).

Prior to submitting a form, servicers and/or service bureaus should conduct analysis to ensure the issue is attributed to the behavior of a Fannie Mae application and not a servicer or service bureau related issue.

Testing Support for LAR 96 Format Expansion

Additional details coming soon.

Testing Support for P&I Remittance for Summary Reporting A/A Mortgage Loans

Additional details coming soon.



Appendix

Guaranty Fee Relief After Four Months Delinquency Test Finding Form

Organization name			
Customer contact name, phone number and email (primary)	Name:	Phone Number:	Email:
Customer contact name, phone number and email (secondary)	Name:	Phone Number:	Email:
Guaranty Fee Relief After Four Months Delinquency Test Finding Questions or Issues (Please select one of the following items below and describe your test question or issue in the Questions/Issues box)			
<input type="checkbox"/> Guaranty Fee Relief After Four Months Delinquency			
Questions/Issues:			