



Streamline investor reporting with LSDU self-serve capabilities (LL-2023-05)

Fannie Mae Integration Test Plan

June 1, 2023

Version 1.0



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Document Change History		
Published Date	Modified Section	Description
June 1 st , 2023	All	Initial Document Publication



Fannie Mae Integration Test Objective

The purpose of the Fannie Mae Integration Test Plan is to prepare servicers and service bureaus who upload Loan Activity Report (LAR) files on behalf of servicers for Fannie Mae's system changes related to the submission of all LAR types, both individually or bulk announced in [Lender Letter LL-2023-05](#).

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 must use the Fannie Mae integration test environment and the prepped test data to conduct integration testing.

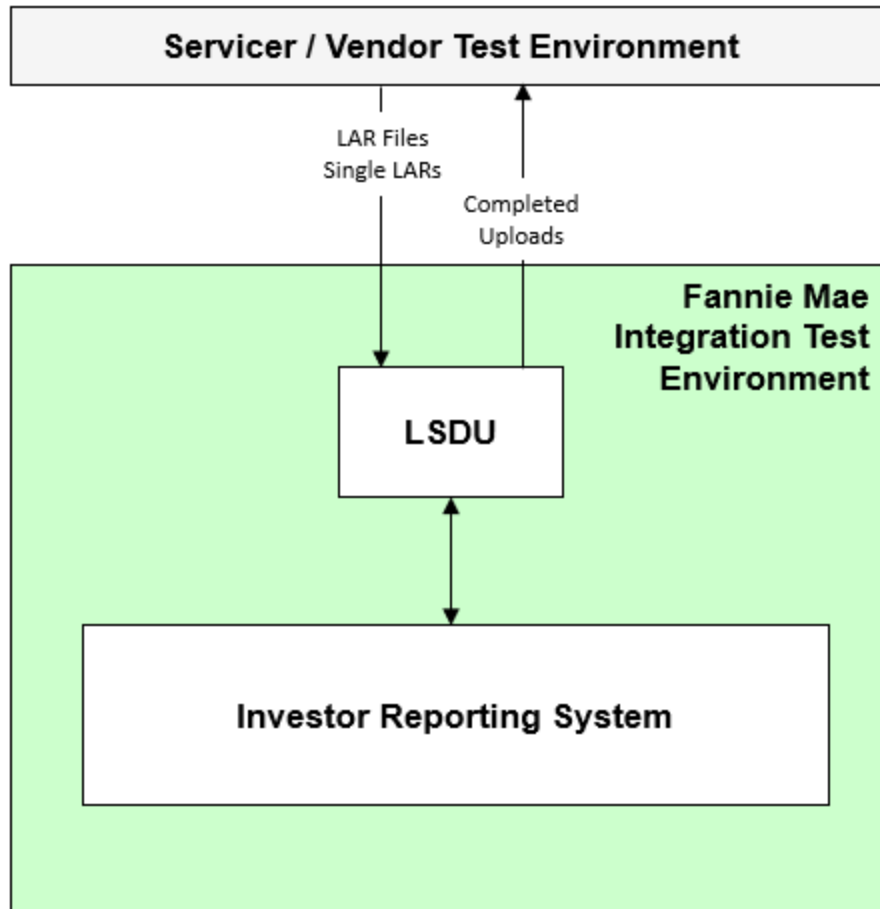
The focus of the integration test are the following changes that will be effective October 4th 2023:

- LAR File Upload submissions (new) of transaction types 96, 97, 81, 83 and 89 – Loan Servicing Data Utility (LSDU)
- Single LAR submissions of transaction types 96 (existing), 81 (new) and 83 (new) – LSDU
- Completed File Upload Search (new) – LSDU

Fannie Mae Integration Test Environment

Fannie Mae's integration test environment will be available for integration testing beginning August 2023. The integration test environment will be prepared for servicers to test the changes.

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



Integration Test Approach

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.

- Servicers will be able upload LAR files and submit single LARs in the test LSDU application. Those LARs will be processed in the test Investor Reporting System and the results of that processing will be viewable via the Completed File Upload Search in LSDU.
- The data in the testing environment will reflect a snapshot as of the second business day (BD2) of the identified activity periods described below. Data will be static as of the beginning of each integration test execution cycle.

Recommended Test Scenarios

Please refer to the streamline investor reporting with LSDU self-serve capabilities recommended integration test scenarios document.

Test Setup

Servicers will be required to inform Fannie Mae by June 30, 2023 if they intend to participate in testing 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 LSDU application in the test environment.

Servicers will be required to provide the following information to the future_of_servicing@fanniemae.com mailbox with the subject of the email should state “LAR Submission Request to Test Form”:

Test Username	
Email Address	
Phone Number	
9-digit Seller/Servicer Number(s) for testing	

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

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

- June 2023 BD2 (June 2nd), simulating June 2023 reporting cycle; and
- July 2023 BD2 (July 6th), simulating July 2023 reporting cycle.

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.

Servicers will be required to have data representing the activity snapshots described above to ensure successful testing. If LAR information is not aligned with the activity snapshots described above, then rejects and invalid transaction may occur.

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.

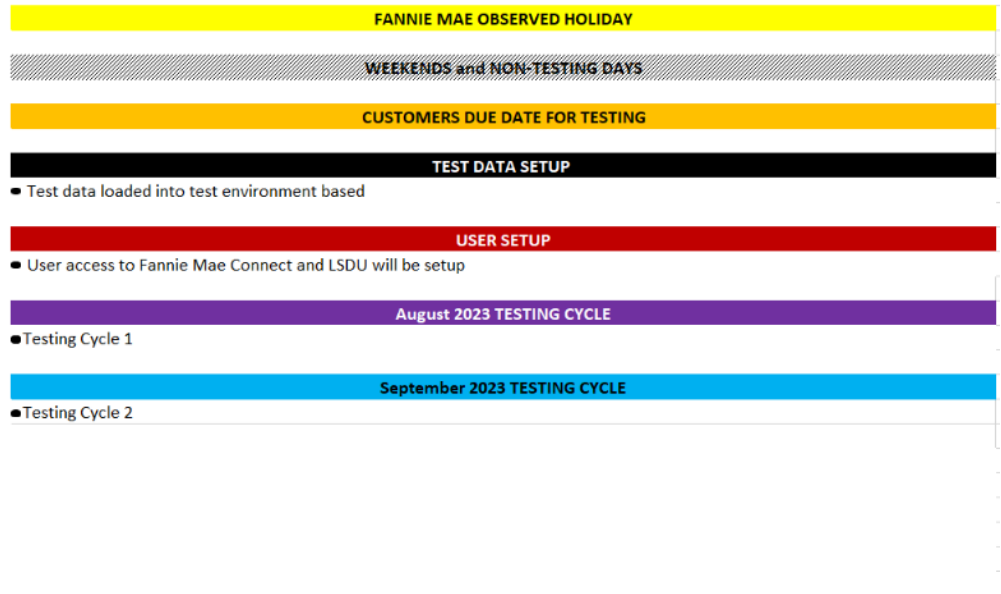


Test Calendar Schedule

July 2023						
S	M	T	W	T	F	S
					30	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					

August 2023						
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		

September 2023						
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



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.

If servicers and/or service bureaus encounter questions or issues during testing, they should complete a 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 “LAR Submission 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.



Appendix

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:
Test Finding Questions or Issues			
Test Scenario ID:			
Questions/Issues:			