

Desktop Underwriter® (DU®) Messages API

DU Messages API Version 2.0 August Update

Integration Impact Memo

July 15, 2020

During the weekend of **August 01, 2020**, Fannie Mae will update Desktop Underwriter® (DU®) Messages API Version 2.0 to remove data fields in the API response that are consistently returning NULL values. The data fields being removed from the DU Messages API are:

- “borrowerCreditScore”
- “lenderParameter” for messages with a “messageStructure” equal to “List”

Review the [Release Notes](#) and the updates below to ensure your integrated system(s) will be prepared to support this release.

Note: This change will only apply to DU Messages Version 2.0; integrators using version 1.1 of the DU Messages API will not notice a change.

How will this affect my integrated system?

The response file returned by the DU Messages API will be enhanced to remove the “borrowerCreditScore” and “lenderParameter for messages with a “messagesStructure” equal to “List”.

Integrators must ensure they are not parsing the “borrowerCreditScore” data field nor the “lenderParameter” data field for messages with a “messagesStructure” equal to “List”.

To adopt the new response file, integrators must add a new header (Accept) to their request with a value of “Application/vnd.fnma.v2_0+json”.

Note: If no version is specified, the API response will default to version 1.1 or an earlier version of the DU Messages API.

Integrated system(s) must be updated to latest version of the DU Messages API by January 2021.

New Header			
Key	Value	Required	Description
Accept	Application/vnd.fnma.v1_1+json Application/vnd.fnma.v2_0+json	Yes	This header is required to specify the version of the DU Messages API



Sample Before and After	
Before	After
<pre> "Loan Strengths/Weaknesses": [{ "lenderMessageLine": { "text": "The following risk factors represent strengths in the borrower's loan application:" }, "lenderMessageTableRow": [{ "column": [{ "value": "Debt-to-Income Ratio" }] }, { "column": [{ "value": "Months of Reserves" }] }] }, { "lenderParameter": [{ "parameterNumber": 1, "parameterValue": "Debt-to-Income Ratio", "parameterName": null }, { "parameterNumber": 1, "parameterValue": "Months of Reserves", "parameterName": null }] }, { "messageID": 1437, "messageName": "REASON-STRENGTHS-RISK- FACTORS", "messageType": "Loan Strengths/Weaknesses", "messageSubType1": "Risk Assessment Messages", "messageSubType2": null, </pre>	<pre> "Loan Strengths/Weaknesses": [{ "lenderMessageLine": { "text": "The following risk factors represent strengths in the borrower's loan application:" }, "lenderMessageTableRow": [{ "column": [{ "value": "Debt-to-Income Ratio" }] }, { "column": [{ "value": "Months of Reserves" }] }] }, { "messageID": 1437, "messageName": "REASON-STRENGTHS-RISK- FACTORS", "messageType": "Loan Strengths/Weaknesses", "messageSubType1": "Risk Assessment Messages", "messageSubType2": null, "messageStructure": "List" }] </pre>



Sample Before and After	
Before	After
<pre>"messageStructure": "List" }]</pre>	

Supporting Documentation	Description
Swagger File(Update)	DU Messages API Swagger File 1.5

Release Support

The DU Messages API Version 2.0 was implemented in the integration environment on July 15, 2020. Integration partners will be notified via e-mail from Integration News (integration_news@fanniemae.com) after implementation.

If you have questions about the Integration Impact Memo or if you require support specific to this release, contact [Integration Support](#). For more information about DU Messages API, please visit the [Developer Portal](#) or contact your Fannie Mae Representative.