

**Version: v3.2.8.0**

**Effective Release Date: 6/13/2025**

**Enhancements**

- **Create a New Version of CNA for a Different Program Type**  
Users can now create a new version of an existing CNA and change it to a different HUD program type. This enhancement streamlines the cloning process and supports cross-program reuse of CNA data, improving efficiency and flexibility for users managing multiple program submissions.
- **Change Partner Organization During CNA Cloning**  
Needs Assessors now can change the Partner Organization when creating a new CNA version through cloning. This allows CNAs to be reassigned to applicable partner organizations as needed, reducing the need for manual rework and ensuring accurate organizational alignment.

**Other fixes for Admin Users – Quarterly Report and 508 Compliance Fixes**

- The quarterly report generation process has been updated to accurately reflect the Total Unit Count, enhancing data integrity in administrative reporting.
- A 508-compliance issue has also been addressed in the Admin Tools section, resolving a problem where keyboard-only users were unable to navigate out of text fields.

**Service Integration Updates** (*Deployment to Staging Date: 5/28/2025*)

N/A

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**Version: v3.2.7.0**

**Effective Release Date: 3/14/2025**

This release includes important updates and enhancements designed to improve performance, accessibility, and UI consistency, while mitigating security vulnerabilities associated with end-of-support software.

**Enhancements:**

- **Angular Upgrade from v13 to v18:** Upgraded the Angular framework from v13 to v18 to take advantage of the latest features, performance improvements, and security patches.
- **Bootstrap Upgrade from v4 to v5.3:** Updated from Bootstrap v4 to v5.3, which includes significant improvements in design flexibility and functionality to address end-of-life (EOL) concerns.
- **Default 'Is this CNA a HUD/USDA?' Question to 'YES' for Needs Assessors:**  
The 'Is this CNA prepared for a HUD or USDA property or program?' question is now automatically set to 'YES' when creating any new CNA, streamlining the process and reducing the need for manual input.
- **Admin function Enhancement:**

- Admin users can now update CNA organization information. HUD users with access to the Reports tab can also navigate directly from the CNA Comparison page.
  - Update the CNA Quarterly Report on the UI to include the full Property Street Address for all of the CNAs; The output fields now contain Property Name, Street, City, and State regarding addresses.
- Azure BLOB Filename/File IDs Cleanup: The filenames and file IDs in Azure BLOB storage have been cleaned up and are now aligned with Attachment IDs for improved consistency and better management.

#### **Bug Fix:**

- Due to component changes from the Angular upgrade, a bug has been fixed to ensure that Lender users can now see the 'Start New Assessment' button to create new assessments.

#### **Service Integration Updates** *(Deployment to Staging Date: 2/28/2024)*

N/A

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#### **Version: v3.2.6.0**

**Effective Release Date: 1/10/2025**

This release includes important updates and enhancements designed to improve performance, accessibility, and UI consistency, while mitigating security vulnerabilities associated with end-of-life (EOL) software.

#### **1. Angular Upgrade: v13 to v18**

- Upgraded the Angular framework from v13 to v18 to take advantage of the latest features, performance improvements, and security patches.

#### **2. Bootstrap Upgrade: v4 to v5**

- Updated from Bootstrap v4 to v5.3, which includes significant improvements in design flexibility and functionality to address end-of-life (EOL) concerns.

#### **3. 508 Compliance Fixes (GLOBAL update)**

- The focus state for the 'X' button to close dialogs has been improved for screen readers and keyboard navigation.
- Checkboxes now visually indicate when they are in focus, enhancing usability.

**Other Improvements for admin users:** Enhance the admin function to allow admin users to update CNA organization information. Ensure HUD reviewers with access to the Reports tab can navigate directly from the CNA Comparison page.

#### **Service Integration Updates** *(Deployment to Staging Date: 12/23/2024)*

N/A

**Version: v3.2.5.0**

**Effective Release Date: 10/25/2024**

This release aims to enhance the side-by-side assessment comparison feature and chart functionality, providing HUD internal users with more flexible options for data management and presentation.

**1. Side-by-Side Comparison Export to Excel:**

- HUD Reviewers can now export side-by-side comparisons directly to Excel, providing a more efficient way to analyze and manipulate data.

**2. Print Charts in HTML format:**

- We've introduced the ability to generate an HTML print file for charts, enabling authorized admin users to print and save visual data directly from the system.

**Service Integration Updates** (*Deployment to Staging Date: 10/9/2024*)

N/A

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**Version: v3.2.4.0**

**Effective Release Date: 09/27/2024**

**Enhancements**

**3. Side-by-Side Assessment Comparison:**

- Overview:  
A new side-by-side comparison screen has been implemented to assist HUD reviewers in better comparing the changes made in new submissions cloned from the last returned version.
- Key Features:
  - Reviewers can now view two versions of key assessment tabs side by side, making it easier to identify changes.
  - A print option has been added, allowing reviewers to print the comparison for offline review.

**4. CNA Summary Page Update:**

- New Data Field:
  - A "Certification Type" field has been added to the summary page. This new field captures the relevant certifications for Green MIP assessments.

**5. Component/Alternative Page Update:**

- New Data Field:
  - A "Primary Energy Source" field has been added to the Component and Alternative, enabling more detailed tracking of energy sources in the assessment process. Additionally, the copy-paste function has been refactored to support the new Primary Energy Source fields.

**6. Quarterly Reports Enhancement:**

- Overview:
  - Existing CNA Quarterly Report now automated on the CNA e-Tool.
  - Authorized HUD staff can now generate data pull reports and export them to Excel.

- Charts can be created based on various filtering and breakdown options, improving the flexibility and usefulness of data pull reports.

#### **Bug Fixes**

##### **1. Component/Alternative Display:**

- Resolved an issue where calculations fields were not displayed on the UI for all submitted CNAs.

##### **2. CNA Submission Logic:**

- Updated the submission logic to prevent missing, null, or duplicate FHA/Property ID numbers, ensuring more accurate submissions.

#### **Service Integration Updates** *(Deployment to Staging Date: 09/6/2024)*

N/A

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#### **Version: v3.2.3.0**

**Effective Release Date: 07/26/2024**

#### **Financial Factors page Enhancements:**

- Added a conditional question: 'Does this property have a loan?' to the Financial Factors' page to enhance the flow.

#### **RFR Ending Balance Enhancement:**

- Updated the Compliance Indicator for the Reserve for Replacement ending balance analysis using the revised formula for years 11 to 20.

#### **Annual Deposit Schedule Enhancement:**

- Updated the 'Base ADRR Amount' column to be consistent across Year 1-10 on the Annual Deposit Schedule table on the Reserve for Replacement page.

#### **Admin Tool Enhancement:**

- Enhanced the Admin page to allow administration users to set up new organizations in the CNA eTool.

#### **Bug fixes:**

1. Improved the documents upload and 'Create New Version' functionality in the document cloning process to prevent errors when the parent CNA is missing documents.

#### **Service Integration Updates** *(Deployment to Staging Date: 07/22/2024)*

N/A

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#### **Version: v3.2.2.0**

**Effective Release Date: 06/14/2024**

#### **Security Vulnerability Mitigation: UCM Replacement**

- Implemented a solution to mitigate security vulnerabilities by storing and migrating CNA documents to Azure Blob storage.

### **Copy Paste and Export Functionality Enhancements**

- Improved the copy-paste functionality on Utility and Financial Factors pages for enhanced user experience and efficiency.
- Refactored the 'Date' fields to accept all Date formats during copy-paste.
- Add a Legend to the Utility page to improve the Utility's copy-paste.
- Implemented global logic to flag errors for any data fields where 'letters' are entered in numeric fields during copy-paste operations.
- Updated the export and copy-paste functionality of component/alternative/recommendation to ensure accurate data synchronization within the UI.
- Included Reserve for Replacement of Annual Ending Balance and RFR Schedule in the Export CNA functionality.

### **UI Visibility Enhancement**

- Enhanced the visibility of the components and alternative annual comparison table, which displays numbers with commas as thousands of separators and rounds numbers to the nearest whole number.

### **Email Notification for HUD Reviewer**

- Implemented automated email notifications to alert the HUD Reviewer once a CNA is assigned for review, ensuring timely communication and task management.

### **Export File Format Upgrade**

- Upgraded the export function to export data to .xlsx format, providing greater flexibility and compatibility with reporting tool.

### **Property ID Field Validation Update**

- Made the Property ID a mandatory field for Asset Management CNAs.
- Ensured that the Property ID is required during submission for Asset Development CNAs, including 223(a)(7) Limited Refi, 223(f) Refi of 202, and 241(a) Supplemental.
- Ensured that the Property ID is required during submission for Asset Recapitalization CNAs, including RAD - MF, RAD - PRAC, and Post- M2M.

### **Session Timeout Enhancement**

- Implemented session timeout feature for the CNA e-Tool to enhance security compliance, managed by Admin users.

### **508 Standard Compliance fixes:**

1. Keyboard Access on Component/Alternative/Recommendation Page: Users can now utilize the keyboard to navigate all components on the Component/Alternative/Recommendation page for improved accessibility.
2. Left Sidebar Display at 200% Zoom: The left sidebar will now remain visible even when zoomed in to 200%, ensuring consistent user experience regardless of zoom level.
3. Following the 508 standards, focus now shifts immediately or after one additional keystroke to new content when a control adds or reveals hidden information, enhancing accessibility and user interaction.

### **Service Integration Updates** *(Deployment to Staging Date: 05/10/2024)*

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