We are a team of Veterans, Creators, and Innovators dedicated to ensuring Veterans and their families get access to the benefits they've earned and deserve.

VA.gov Identity Team Sprint 5 Release Notes

March 16 - 29, 2023

Overview

This sprint cycle we made a few minor changes, and increased our accessibility within the sign in modal. Our focus was largely on planning and breaking down the future work around In Person Proofing Support, DS Logon Sunset, and wrapping up Mocked Authentication.

For more information on previous release reports please visit our Github Page.

New Features and Improvements

- Mock Authentication configuration and creation of utilities
- Created AWS EKS module to build infrastructure and provision EKS cluster for SiS.
- Fraud Reduction Pre-Discover Research completed.

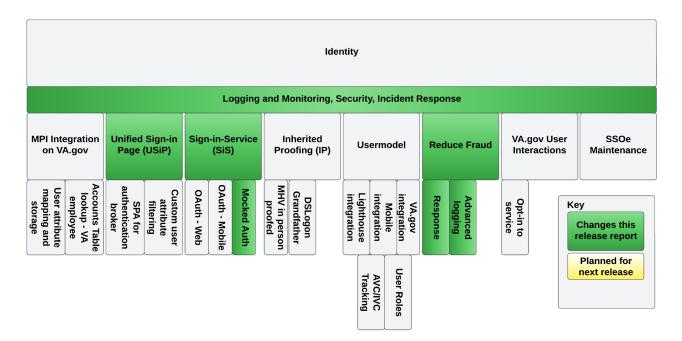## Bug Fixes

- Sign in Modal accessibility (a11y) improvement.

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Refer to the Key below to see the changes in this Release Report highlighted in green.

Note: See **link** to Identity Capabilities definitions.

Identity
Logging and Monitoring, Security, Incident Response

MPI Integration on VA.gov	Unified Sign-in Page (USiP)	Sign-in-Service (SiS)	Inherited Proofing (IP)	Usermodel	Reduce Fraud	VA.gov User Interactions	SSOe Maintenance

MPI Integration on VA.gov:
- User attribute mapping and storage
- Accounts Table lookup - VA employee

Unified Sign-in Page (USiP):
- SPA for authentication broker
- Custom user attribute filtering

Sign-in-Service (SiS):
- OAuth - Web
- OAuth - Mobile
- Mocked Auth

Inherited Proofing (IP):
- MHV in person proofed
- DSLogon Grandfather

Usermodel:
- Lighthouse integration
- Mobile integration
- VA.gov integration
- AVC/IVC Tracking
- User Roles

Reduce Fraud:
- Response
- Advanced logging

VA.gov User Interactions:
- Opt-in to service

Key

Changes this release report
Planned for next release

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Featured Releases and Updates

Accessibility (a11y) bug in Sign in Modal fixed

Summary: The Sign in Modal had an accessibility (a11y) bug that made it difficult for limited sight users to identify which phone numbers are links.

What are the benefits: All users will be able to view phone numbers as links, as they are underlined as required for WCAG 2.0 compliance.

Why did we make the change: To help Veterans, their families, and other users of VA.gov have a better user experience.

Version, and planned release dates: Live in production.

What's next (most immediate next sprint): Continue to monitor the accessibility of Identity Team's user facing components.

Mock Authentication configuration and creation of utilities

Summary: Configuration and mockLogin utility functionality was created to support Mocked Authentication client-side. The function generates the necessary `/authorize` URL for OAuth + PKCE generation.

How to use it: Import mockLogin function to utilize the generated OAuth + PKCE /authorize URL.

Who is impacted: Engineers.

What are the benefits: Engineers will be able to utilize config files and mockLogin utility to integrate with vets-api Mocked Authentication.

Why did we make the change: To allow Engineers to integrate with Mocked Authentication.

Version, and planned release dates: Live in development and localhost.

What's next (most immediate next sprint): Integrating client-side and server-side Mocked Authentication via the mockLogin functionality.

Created AWS EKS module to build infrastructure and provision EKS cluster for SiS

Summary: Created EKS modules which will allow for the iteration of adding all the authentication components of VA.gov into an isolated app. The additional steps of creating a dedicated EKS infrastructure for this will allow for more rapid deployment of our changes.

How to use it: Steps for how to start using the infrastructure can be found in the repo here.

Who is impacted: Engineers.

What are the benefits: More rapid iteration as we figure out how to isolate the authentication components. We also won't be restricted to any of the current vets-api constraints such as package versioning.

Why did we make the change: There is a general strategy push to move rails apps out of the monolith. We determined the authentication components, because they are shared outside of VA.gov, it makes sense to isolate the service into its own app and stack.

Version, and planned release dates: The current version is ready to be used for development by backend and frontend engineers. This version is only for the internal identity team, we plan to have the app completely moved over by the end of Q3 2023.

What's next (most immediate next sprint): Start to deploy live authentication components into the new stack and ensure they work as expected.

Fraud Pre-Discovery Research

Summary: Determine how the identity team can help VA achieve some of their goals as it pertains to fraud, waste, and abuse reduction and response as well as the goals for cybersecurity. Requirements have been gathered and initial plans to collect information to determine the feasibility of these proposed ideas.

Who is impacted: All users of VA.gov.

What are the benefits: Potential reduction in FWA within VA.

Version, and planned release dates: Research is starting, planned for initial draft at the end of next sprint. This will determine the remainder of the timelines for capability release.

What's next (most immediate next sprint): Continuing discovery research.

Notable Documentation Updates

- [Glossary of Identity Capabilities](#) first version released.

Product Managers Update

Began working with external stakeholders on overarching initiatives for Identity team(s). Work is to begin on these tasks as soon as the current and upcoming sprints.

Issues/Limitations/Challenges

Known Limitation - We conducted extensive planning in order to build up our foundation and backlog for our upcoming and future work.

How to provide feedback

[Open a feature request ticket](#).

Basic feedback can be discussed within the [Slack](#) #vsp-identity.

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APPENDIX A- Ticket Issues Completed

- *Mock Authorize redirect to backend callback ([#12133](#)) -* Mocked Authentication /authorize needed to redirect to the SiS /callback route upon completion, ensuring that the proper fields are passed.

- *Create logout redirect proxy for Sign in Service login.gov users ([#11974](#)) -* When a user authenticates with login.gov on Sign in Service, and they log out, they first need to redirect to login.gov logout, then redirect back to their chosen site. We set up a redirect proxy with login.gov, made it so login.gov redirects to the chosen proxy, and then redirects appropriately to the logout redirect set up in the Client Config.

- *Resolve issue with MEB test users no longer working on dev stack ([#55114](#)) -* On the dev stack, the MEB test users recently stopped authenticating properly. So we needed to figure out what happened and fix these users.

- *Sign in Service clean up flow and reduce ClientConfig calls ([#11935](#)) -* We needed to be more efficient with how we're calling ClientConfig throughout the Sign in Service authentication flow, so we cleaned that up with this solution.

- *Add web_logout to sign in service ClientConfig ([#11945](#)) -* We currently have web_logout as a Settings.yml parameter for sign in service logouts, but this made more sense to be a field in ClientConfig.

- *Create betamocks mocking for user credentials ([#55528](#)) -* To aid in the mocked authentication effort, we made a set of betamocks files that describes credential data the user will authenticate at.

- *Fix icon alignment on Sign in Modal ([#55682](#)) -* Action link icons were off due to Design System updates. Fixed these in this task.

- *Add vamock to USiP configurations ([#53350](#)) -* Updated the Unified Sign in Page configuration files to include a new application vamock to mock authentication from a CSP standpoint.

- *Update Sign in Service `/callback` redirect so that it returns with script instead of a redirect ([#12148](#)) - created a solution, where the /callback route returns a 200 response, with a small javascript page that then redirects to the appropriate site.*

- *Remove vets-api Constant Dependencies from SiS ([#54956](#))*

- *Create AWS EKS module to build infra/provision EKS cluster ([#55096](#))*

- *Socialize analytics research ([#55046](#))*

- *53350 Mock Auth USiP configurations ([#23525](#)) -* updated the configuration of the Unified Sign in Page to include vamock.

- *Add Sign in Service client config for example app ([#53995](#)) -* addition of a client config for sign in service to interact with the example app.

- *Create new mock credential service to complete Sign in Service auth flow ([#53049](#))*

- *Remove MHV Accounts table ([#12109](#))* - removed mhv_accounts table from vets-api database schema.

- *Fix the OAuth query parameter ([#55117](#))*

- *Get vets-api running locally ([#53267](#))*

- *Login Modal Access Bug fix ([#23664](#))* - fixed a small accessibility bug present in the Log In Modal.

- *Accessibility (a11y) bug in Sign in modal ([#54607](#))*

- *Add backend (postgres) to docker-compose file ([#54894](#))* - a postgres image will be used in tandem with a docker-compose file.

- *Make respective changes to argo manifest repo ([#55367](#))*

- *SiS Constants Isolation ([#12063](#))*

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