

# Summary of Enhancements 2023.10.0 (10.1.0) (Q1 2023-2024)

{released to UAT 9/15/2023, released to PRD 11/6/2023}

## Finalized Enhancements

### 1. Convert FASAMS to AWS Serverless (WI 546000) Part 1, Part 2, and Part 3

- DCF requests an update to the job processor to increase the performance when running jobs.
  - FEI will convert FASAMS to AWS Serverless for job processing. The serverless job processor uses Lambda functions, and more Lambda functions can be dynamically added when more processing power is needed based on submission load.
  - Note: An EC2 server will need to be retained specifically to support task services.

### 2. Add skip logic for duplicate data set records (WI 568459)

- DCF requests that the job processor not perform business validation rules when a duplicate record is submitted into FASAMS
  - FEI will add skip logic for duplicate data set records, whereby business validation rules will not be performed against an entire data set record when the submitted record values match exactly what is currently stored in the database. For example: The skip logic would be triggered for a TreatmentEpisode record if the 'ProviderTreatmentEpisode' entity values and **ALL** values in **ALL** subentities are unchanged from the values stored in the database
  - Note: The skip logic will not occur on any subentity within the data set due to the negative impact on job processing performance.

### 3. Integrate OKTA and Enable Multifactor Authentication (WI 459635)

- DCF requires the ability to easily and seamlessly onboard many new users, primarily at the provider level, into FASAMS Serverless UAT and Production without requiring a high level of effort from DCF personnel or vendor personnel. To achieve this, the requirement to use the DCF VPN will be removed when users access the Portal/SFTP/Web Services due to the effort required to add new users to the DCF VPN and will be replaced by OKTA multifactor authentication tool.

- FEI will work with the DCF networking team to remove the DCF VPN requirement to access the FASAMS Portal/SFTP/Web Services AND will implement the OKTA multifactor authentication to work with the AWS Cognito Security server. The “View Security Reports” permission will be removed with the implementation of OKTA.
- End users will still be required to be on the DCF VPN to access FASAMS SSMS.

#### 4. Update rule so failed delete is a warning and not an error (WI 637434)

- DCF and the end users of FASAMS require failed delete jobs to display as a warning and not errors.
  - Update FASAMS job processor where failed deletion attempts are flagged as a warning rather than an error
  - **Note:** Previous failed records with the error message “*Cannot find entity to delete*” will not be removed from the JobError table as a part of this enhancement. DCF can request those errors be manually deleted which will require a slight increase to the final estimate.