New Features

Certificate Validation for Creating/Modifying System Accounts is now Available

System accounts can be created via the Commons – Account Management System (AMS) and via the User Administration (UADM) module. The following certificate system validation enhancements are available:

- A new Validate Certificate screen is provided for uploading certificates to the browser
- Ability to verify installed certificate
- Ability to acknowledge the system/certificate account creation/modification

Validate Certificate Screen

The new Validate Certificate screen can be accessed for the following conditions:

- Creating a new system account via the Create Account screen
- Modifying the Certificate Serial Number or the Certificate Provider/Authority via the Modify Account screen

Create Account Screen

There is an Agreement check box with the following text that displays on the Validate Certificate screen: I am aware of and understand my responsibilities in providing the information pertaining to this system account.

If the Agreement checkbox is not checked and the Save button is clicked, the system displays the following error message: The agreement has not been accepted. Please accept the agreement by checking the checkbox. (ID: 206109)
When an account is created, the system displays the Create Account Confirmation screen with the following message: **NOTE:** eRA would like you to go through a certificate validation procedure to ensure your certificate works with eRA systems as designed.

The **Validate Certificate** button can be clicked to perform the certificate verification. If the **Continue** button is clicked, the system returns to the **Search Account** screen.
Modify Account Screen

When the **Certificate Serial Number** or the **Certificate Provider/Authority** fields are modified and saved, there is the ability to validate the certificate by clicking the **Validate Certificate** button.
Figure 3: Modify Account Screen Displaying the Validate Certificate Button

When the Validate Certificate button is clicked from either the Modify Account or the Create Account Confirmation screens, the Validate Certificate screen displays instructions for the different browsers (i.e. Internet Explorer, Firefox, and Safari, etc.) for uploading a certificate file.
When the **Validate** button is clicked, the system performs the certificate validation. The following system errors can display:

1. If the browser call did not go through to the certificate provider, the appropriate browser error is displayed.

2. If the browser call does go through to the certificate provider, but the details of the uploaded certificate do not match the details entered in AMS, then the following error message is displayed:  
   **Warning!** - *This certificate works with eRA systems correctly, but certificate details you entered in the account do not match information in the certificate you are trying to validate. Certificate information in the account must match the certificate you are trying to validate.*

If there are no validation errors, the system displays on the **Validate Certificate** screen the following success message:  
**Success! Your certification works with the eRA systems as expected.**
The following audit information is stored in the database.

- Certificate Number – Certificate Number that was entered during validation
- Certificate Owner – Owner of the certificate in the certificate file that was uploaded
- Time of Validation – Format: DD/MM/YYYY HH:MM:SS
- Result of Validation Attempt –
  - Success
  - Validation is successful but the certificate mapping does not exist
  - Validation is successful but the certificate details do not match the user entered details

Please refer to the following mini user guides for information on working with system accounts: