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Access security enhancements

# FIRELIGHT BASE

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**ACCESS SECURITY ENHANCEMENTS**

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**Insurance Technologies, LLC**

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# iConnect 221918 Design Approach - Access security enhancements

## Project Overview

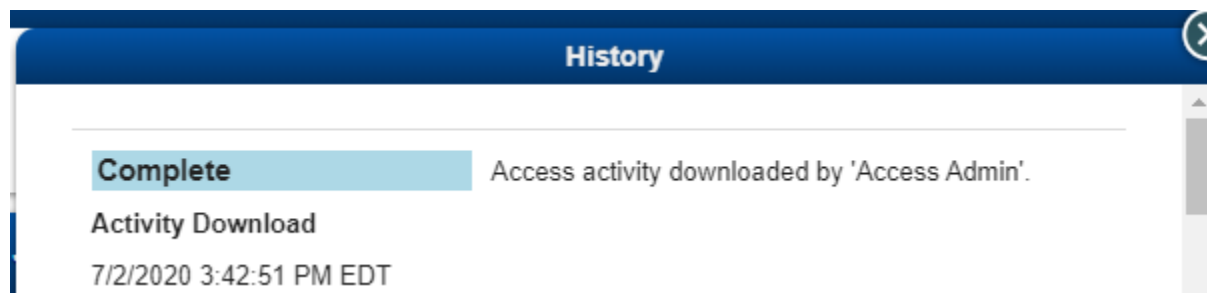
Additional security enhancements are needed to ensure FireLight can adequately cross-check activity from multiple login sources

## 1 Access Security: Add activity audit to each downloaded activity

Audit entry: Access activity downloaded by {user name}.

{date time stamp}.

Audit Type: Activity Download



### Acceptance Criteria

- Verify there is an audit for each downloaded activity.

## 2 Access Security: Add audit when an Admin user is removed from the system

Add audit when an Admin user is removed from the system. This should also be done in the STS.

Audit entry: Access admin {user name} removed by {user name}.

{date time stamp}

Audit Type: Admin User Removed

### Acceptance Criteria

- Verify an audit entry is added when an Admin user is removed from an Access organization.
- Verify an audit entry is added when a direct login user is removed from STS.
- Instrumentation audit.

### **3 Access Security: User in multiple organizations should only have Admin rights to the applicable organizations, not all organizations**

If you have a user associated with multiple organizations, and one of the organizations has the user-defined with admin rights, the user will have admin rights to all other organizations. A client should have visibility if the added user will obtain admin rights.

#### ***Acceptance Criteria***

- Verify a user in multiple organizations with Admin rights to some, does not have Admin rights to all organizations where it is a user. For example: Organizations are ABC, DEF, GHI. User name is Bob\_Access. Bob has Admin rights to DEF. Verify Bob does not have admin rights to ABC and GHI.

### **4 Access Security: Correct issues with resetting password on a user associated with multiple organizations**

Resetting a password on a user associated with multiple organizations is problematic. The email will be tied to the membership profile organization and not the UserAccount organization. Change to reflect the UserAccount organization.

When a FireLight Access Admin issues a password reset, FireLight Access does not build the reset URL properly. The email will list the organization that is listed as their primary organization. The URL should contain the organization of who issued the password reset.

#### ***Acceptance Criteria***

- Confirm user belonging to multiple organizations gets reset for all organizations.
- Password reset email comes from the managing organization setting up the user.
- Confirm user belonging to multiple organizations and user loses access to their default org.
- Reset when user requests the password reset.
- Reset when admin in Access requests the reset.

### **5 Access Security: Migrate existing user accounts**

Handle migrating existing user accounts.

#### ***Acceptance Criteria***

- Verify existing user accounts with Admin rights still function as expected.