# DataSync Testing & Validation

## 1.1. Purpose

After a DataSync import, it's important to verify that the data transferred correctly and behaves as expected in the system. This guide outlines what to test, how to test it, and tips to ensure a smooth validation process.

## 1.2. How to Test

First, setup DataSync connector in the sandbox environment and validate that connection to the SFTP server or identity provider is successful. Afterwards, provision a small number of users into the environment. It is recommended to test users that are on the project team and aware of the EQS implementation. Next, validate the user data following the outline below. If all is correct, provision the entire user population into the environment and the consultant will ensure the data completeness is accurate.

## 1.3. What to Validate

### Review Logs

- Ensure that provisioning logs are generating and available to download
- What errors are present in the provisioning logs?
    - Communicate errors that you are unable to self-resolve to the EQS consultant for additional troubleshooting

### Data Completeness

- Are all expected records present in the system?
    - Compare user total from legacy system to EQS post HR data import

### Data Accuracy

- Spot-check a sample of user records.

- Validate key field values match what's expected (e.g., names, email addresses, dates, supervisor, statuses).

    o Validate that all provisioned attributes are populated on the user record

- Spot-check user account's roles are accurate

### Timestamps and Dates

- Check that date fields are populated and formatted correctly.

### Account & Organization Attribute Relationships

- Review user profiles and their associated organization attributes (e.g., locations, departments, manager relationships).

### Functional Behavior (if applicable)

- Walk through sample workflows such as submitting a disclosure or completing a profile.

- Confirm expected notifications or triggers fire correctly.

# 1.4. Testing Timeline

Plan to complete testing within **2–3 business days** of the DataSync load to stay aligned with the project schedule. It is essential as DataSync can be a critical dependency. Failure to complete can impact application go-live, product functionality, and E&C regulatory guidelines. Specific guidelines can be found in the project plan. If there are any questions or additional guidance needed, please reach out to the assigned EQS project manager or consultant