



TSDS Upgrade Project

Level 2 (L2) Validations

KEY TERMS

Data Management Center (DMC)
Level 2 (L2) Validations
Level 3 (L3) Validations

You can find the definitions to these key terms and more here:

[Link to Key Terms Document](#)

LEARNING OBJECTIVES

By the end of this course, the user will be able to explain:

- The TEA Login (TEAL) role and privileges needed to schedule and view L2 Validations in the Data Management Center (DMC).
- What L2 Validations are and where they can be viewed.
- How to schedule and view L2 Validations in the DMC.

WHY IS THIS COURSE IMPORTANT

- The course is important because it enables the user to understand how to access the DMC to schedule and view L2 Validations prior to promoting data to TSDS. This in turn allows the user to be able to resolve many of their validation errors without having to promote their data.

COURSE AGENDA

GETTING STARTED

Apply for the DMC LEA L2 Validations Role

KEY CONCEPTS

Schedule and View L2 Validations

TRAINING ACTIVITY

Demo, Practice, Troubleshooting, Knowledge Checks

WRAP-UP

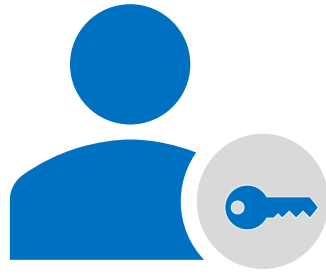
Key Takeaways, Resources, and Next Steps





GETTING STARTED

Apply for DMC LEA L2 Validations Role



LEA TEAL ROLE

- LEA Program Staff:
 - DMC LEA L2 Validations
 - With specific privileges



KEY FUNCTIONS

- LEA Program Staff:
 - Schedule L2 Validations
 - View L2 Validations
 - PEIMS Validations
 - Core Collection Validations
 - DMC Summary Access to LEA Data

REQUESTING TEAL ACCESS

Please refer to the LEA TEAL Roles and Privileges training material if you need more information on:

1. Requesting Access to the TSDS Portal
2. Applying for the TEAL Roles.

APPLY FOR DMC LEA L2 VALIDATIONS ROLE

STEP 1:

Enter your **Employing Organization** and select the **DMC LEA L2 Validations** role.

Applications **Edit Account** x

Application access details

Steps for adding access

1. Enter your Employing Organization (name or organization number).
2. Click the checkbox/radio button for the role(s) that you are applying for.
3. If there are parameters for the role(s) selected, enter that information.
4. Click the "Done" button to **queue** your request. This does not submit your request to TEAL.
5. Click the "Save Changes" button. This will then submit your access request to TEAL.

Employing Organization

* Organization: Who do you work for? In other words, what organization employs you (e.g. district, ESC, charter school)?

Roles & Parameters

- DMC ESC Technical
- DMC LEA Admin Configurator
- DMC LEA Data Monitor
- DMC LEA L2 Validations**

STEP 2:

Enter the **Requested Organization**. Review the Privileges and check those that are appropriate for your job functions. Click **Done**. Click **Save Changes**.

DMC LEA L2 Validations

Description:
DMC LEA L2 Validations

* Requested Organization ID:
(Requested Organization ID)

Privileges:

- Child Find Access
- Class Roster Access
- DMC Run Validations
- DMC View Validations**

DMC LEA L2 Validations Privileges:

- Ensure that users select only the privileges needed for their job responsibilities.
- LEAs will determine who at the LEA will “Schedule” the L2 Validations and will need to request the **DMC Run Validations** privilege.
- Notice that the **DMC View Validations** privilege is checked by default.
- In addition, users **MUST** also select the collection specific data for which they should **view L2 Validations**.

DMC LEA L2 Validations Role

DMC ESC L2 Validations

Description:
 DMC ESC L2 Validations

*** Requested Organization ID:**
(Requested Organization ID)

DMC LEA L2 Privileges

- Ensure that users select only the privileges needed for their job responsibilities.
- To **Run** and/or **View** L2 Validations the collection specific privilege(s) **must** be selected to match the user's job responsibilities.

Privileges:

- CSW Access
- Child Find Access
- Class Roster Access
- DMC Run Validations
- DMC Summary Access to LEA Data
- DMC View Validations
- ECDS Access
- Extended Year Campus Course Section
- Extended Year Education Organization
- Extended Year Staff
- Extended Year Student
- Fall Education Organization
- Fall Finance
- Fall Staff Basic
- Fall Staff Responsibility
- Fall Student
- Mid-Year Education Organization
- Mid-Year Finance
- RF Tracker Access
- SELA Access
- SPPI-14 Access
- Summer Campus Course Section
- Summer Education Organization
- Summer Student



KEY CONCEPTS

Schedule and View L2 Validations

LEVEL 2 VALIDATIONS

- **L2 Validations** are business rule validations that are **viewed in the DMC** on the data destined for TSDS.
 - L2 Fatal, Special Warning, or Warning validation errors do **not** prevent data from being promoted to TSDS.
- L2 Validations can be scheduled and viewed anytime after the collection opens and prior to when the collection closes.
- Scheduling and viewing L2 Validations in the DMC is an optional (but highly recommended) step in the submission process.
 - This step will allow the LEAs to begin reviewing and correcting errors prior to promoting the data to TSDS.

SCHEDULING L2 VALIDATIONS

- Users will **schedule** the L2 Validations in the DMC to run.
- L2 Validations are not available on-demand but rather are processed overnight.
- The L2 Validations must be scheduled prior to the cutoff time in order to run overnight as indicated on the Run L2 Validations screen in the DMC.

NOTE: Validations jobs scheduled after 09:00 PM CT may not be queued for processing to complete by 06:00 AM CT the following day

- Users will be able to schedule L2 Validations by:
 - Collection
 - Submission
 - Category
 - Subcategory

Users will be able to schedule **recurring** L2 Validation jobs to run automatically on a set schedule in the DMC.

- Users will schedule L2 Validations by:
 - Collection, Submission, Category, and Subcategory
- Users will be able to schedule L2 Validation jobs to run for a fixed future date.
- Users will be able to set a Recurrence Pattern for specific days of the week and the date range for a recurring job.

Scenario: Let's say the user meets with the PEIMS team and the HR/Finance team during November and December every Wednesday as they are working on PEIMS Fall. The PEIMS Coordinator can set the L2 Validations job to run every Tuesday during these two months so their team can review the L2 validation errors in their Wednesday meetings.

LEVEL 3 VALIDATIONS

- **Level 3 Validations** are the same data validations that are run today in the PEIMS and CORE applications.
 - These validations are run from the PEIMS and CORE applications
 - They include Fatal, Special Warning, or Warning validation errors
- Level 3 Validations **contain all Level 2 Validations**, plus any additional validations required for the TSDS submissions.
 - Include validations and calculations that require referential integrity and data dependencies.
 - Example: If SPPI 11 Compliance (calculated value) is “y” then EvaluationDelayReason must be either not reported or “07”.
- **Fatal validation errors** will prevent TSDS submissions from being completed or finalized.

VIEWING L2 VALIDATIONS

- In the DMC, users will be able to:
 - View Scheduled L2 Validations
 - View L2 Validation Summary
 - View L2 Validation Details
 - View L2 Validation Rules Count

L2 VALIDATIONS VIEW OPTIONS

View Scheduled L2 Validations

Provides a list of the scheduled L2 Validation jobs with the date scheduled and the job status.

View L2 Validation Summary

Provides L2 Validation errors summary count by Category, Subcategory, and Severity Type: FataIs, Specials Warnings, and Warnings.

View L2 Validation Details

Provides a detailed list of L2 Validation errors by Category and Subcategory with Severity, Rule #, and Rule Message.

View L2 Validation Rules Count

Provides a summary count of the number of FataIs, Special Warnings, and Warnings for the Collection/Submission.



TRAINING ACTIVITIES

Demo, Practice, Troubleshooting, Knowledge Checks

DEMONSTRATION

1. Log in to Training Environment.
2. Navigate to DMC.
3. Hover over Monitor Validations.
4. Click Schedule L2 Validation Job and schedule a job.
5. Click on View Scheduled L2 Validation.
6. Click on View L2 Validation Summary.
7. Click on View L2 Validation Details and determine how to resolve L2 Validations.
8. Click on View L2 Validation Rule Count.

Note: The Reference Guide (RG) is a resource that provides step-by-step instructions for Scheduling and Viewing L2 Validations.

[Link to Level 2 Validations Reference Guide](#)

PRACTICE EXERCISE

Task 1: Schedule L2 Validations.

Task 2: View L2 Validations.

Ready

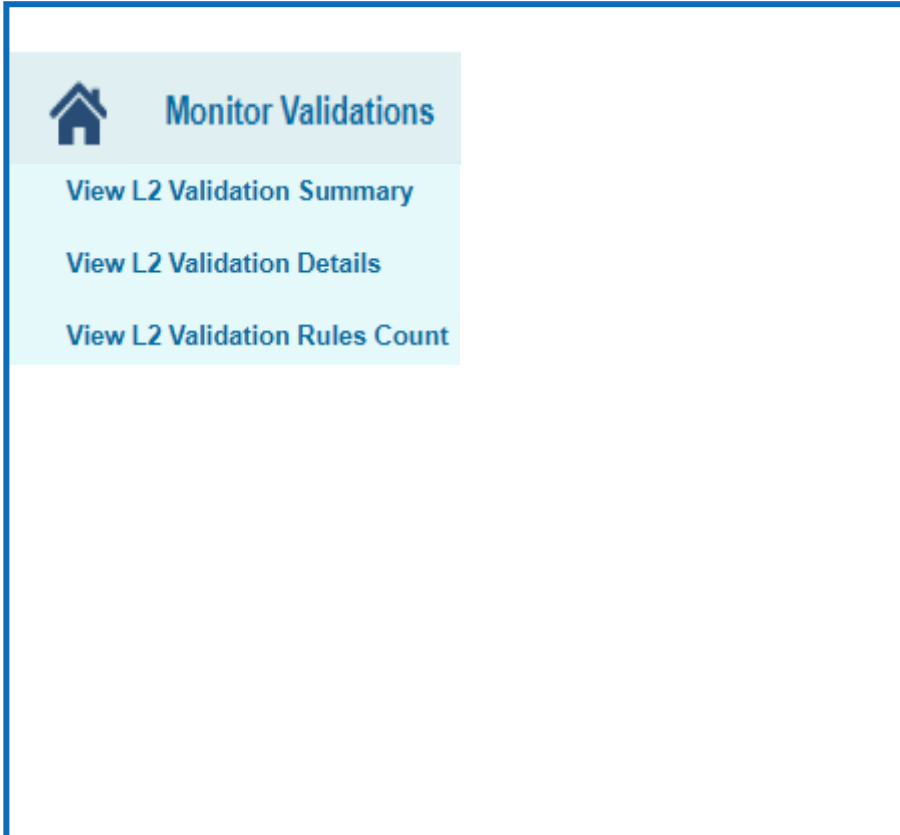


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graph TD; Ready[Ready] --> Set[Set]; Set --> Go[Go];
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Set

Go

Scenario 1: You do not see the Schedule L2 Validation Jobs menu item under the Monitor Validations tab.



Resolution Steps:

- Check with your LEA team and/or program area specialists and decide who should have the privilege to run L2 in the DMC.
- Review the privileges you requested for the DMC LEA L2 Validations TEAL role.
- Modify your request if needed.

Scenario 2: You are not seeing any L2 Validations even though the DMC View Validations privilege is checked by default.

Resolution Steps:

Privileges:

- CSW Access
- Child Find Access
- Class Roster Access
- DMC Run Validations
- DMC View Validations

- ECDS Access
- Extended Year Campus Course Section
- Extended Year Education Organization
- Extended Year Staff
- Extended Year Student

- Fall Education Organization
- Fall Finance
- Fall Staff Basic
- Fall Staff Responsibility
- Fall Student

- Mid-Year Education Organization
- Mid-Year Finance
- RF Tracker Access
- SELA Access
- SPPI-14 Access

- Summer Campus Course Section
- Summer Education Organization
- Summer Student

- Review the privileges you requested for the DMC LEA L2 Validations role.
- Did you request access to the Core collections and/or PEIMS data needed for your job responsibilities?
- Modify your request as needed.

Scenario 3: You corrected data in your source system but are still seeing the same L2 errors.

- Review the L2 validation errors in the DMC, check with the appropriate staff at your LEA to determine how the errors should be corrected and that you have documentation to justify making the correction in your source system.
- Correct the data in your source system.

Resolution Steps:

- Verify that the corrections were made in the source system, saved, and published in the IODS.
- Ensure that the API transactions were successful and that there are no L1 errors or L1.5 filters prior to scheduling the L2 Validation job.
- Schedule L2 Validations to run again after you know the data is in the IODS and available for TSDS.
- The next day you can review the new L2 Validation Details.

1. Which TEAL role will be needed to schedule and view L2 Validations?
 - A. DMC LEA Admin Config
 - B. DMC LEA Data Monitor
 - C. DMC LEA Technical
 - D. DMC LEA L2 Validations

Note: Individuals requesting this role should check the privileges that are needed for their job responsibilities. The **DMC View Validations** privilege is the only privilege that is checked by default.

2. L2 Validations in the DMC can be scheduled and viewed:

- A. One week before the submission is due to TEA.
- B. Only on Tuesdays.
- C. At any time after the collection opens and prior to when the specific collection closes.
- D. Only after the data has been promoted to TSDS.

Note: Running L2 Validations in the DMC will allow the LEA to begin clearing up errors before they promote the data to the Data Marts.

3. L2 Validations scheduled before the cutoff time, can be viewed the following day.

- A. True
- B. False

Note: L2 Validations can be scheduled at any time prior to the cutoff time and can be viewed the following day. Validation jobs scheduled after the cutoff time may not be available the next day but should be available the following day.

NOTE: Validations jobs scheduled after 09:00 PM CT may not be queued for processing to complete by 06:00 AM CT the following day

A low-angle, close-up photograph of a person's legs and feet walking on a paved path. The person is wearing dark blue jeans and black sneakers with white soles and red accents. The background is a bright, out-of-focus outdoor setting with green grass and a clear sky, suggesting a sunny day.

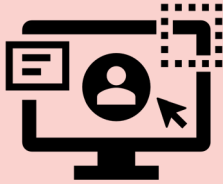
WRAP UP

Key Takeaways, Resources, and Next Steps

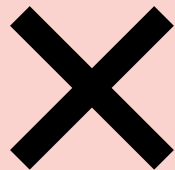
KEY TAKEAWAYS



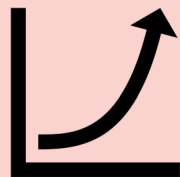
The **DMC LEA L2 Validations** role is required to schedule and view L2 Validations in the DMC.



Viewing L2 Validations in the DMC will allow users to begin correcting errors prior to promoting their data.



L2 errors **will not prevent** the data from being promoted to TSDS applications.



Unresolved DMC L2 Validation errors will be triggered as **Level 3** validation errors when the data is promoted.

TRAINING RESOURCES



- [Key Terms and Definitions](#)



- [Level 2 Validations Reference Guide](#)

NEXT STEPS

Apply for the DMC LEA L2 Validations role

- Apply for only the privileges needed for your job responsibilities.
- Utilize the training materials available for step-by-step instructions.
- Monitor the approval process and follow up with the designated TEAL approver as needed.

Schedule and View the L2 Validations in the DMC

- Schedule L2 Validations prior to the cut-off time for viewing the next day.
- View all L2 errors and begin making necessary corrections in local source systems.
- Corrected data will publish automatically to your IODS via the vendor API call.

In this training we talked about:

- The TEAL role needed to schedule and view L2 Validations.
- What L2 Validations are and where they can be viewed.
- How to schedule and view L2 Validations in the DMC.

QUESTIONS

