



TSDS Upgrade Project

Level 1.5 Filters

KEY TERMS

Application Programming Interface (API)
Course ID
Data Management Center (DMC)
Descriptor Value
Do Not Report
Filter
Individual Operational Data Store (IODS)
Landing Zone
Level 1.5 Filters (L1.5)
Source System
Unique ID

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

[Link to Key Term Document](#)

LEARNING OBJECTIVES

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

- How to access and apply for the TEAL LEA Data Monitor role.
- Level 1.5 (L1.5) filters in the Data Management Center (DMC).

WHY IS THIS COURSE IMPORTANT

- To understand how to:
 - Access the DMC
 - **View and manage Level 1.5 filters**
 - Ensure data that is intended to be loaded to TSDS is accurate and complete

COURSE AGENDA

GETTING STARTED

Key Terms and Apply for DMC LEA Data Monitor Role

KEY CONCEPTS

Level 1.5 Filters

Training Activity

Demo, Practice, Troubleshooting, Knowledge Checks

WRAP-UP

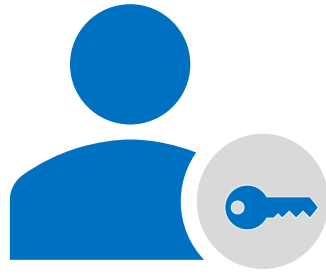
Key Takeaways, Resources, and Next Steps



The background of the image shows a group of people, likely professionals or educators, gathered around a table. They are looking at and pointing to various documents and charts, including bar graphs and line plots. The scene is brightly lit, suggesting an indoor office or meeting environment. The focus is on their hands and the documents they are working with.

GETTING STARTED

Apply for DMC LEA Data Monitor Role



LEA TEAL ROLE

- **LEA Technical Administrator:**
 - DMC LEA Data Monitor



KEY FUNCTIONS

- **Administrator Functionality:**
 - View and Manage Level 1.5 Filter Details

REQUESTING TEAL ACCESS

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

- Requesting Access to TSDS Portal.
- Applying for TEAL Roles.

APPLY FOR DMC LEA DATA MONITOR ROLE

STEP 1:

Enter your **Employing Organization** and select the **DMC LEA Data Monitor** 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 LEA Data Monitor
- DMC LEA L2 Validations
- DMC LEA Technical

STEP 2:

Enter the **Requested Organization** in the *Requested Organization ID* field and click **Done**. Click **Save Changes**.

DMC LEA Data Monitor

Description:

DMC LEA Data Monitor

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

Privileges:

- DMC L1.5 Filters Access
- DMC Map Descriptors
- DMC Search Data
- DMC Summary Access to LEA Data



KEY CONCEPTS

Level 1.5 Filters

WHAT ARE LEVEL 1.5 FILTERS?

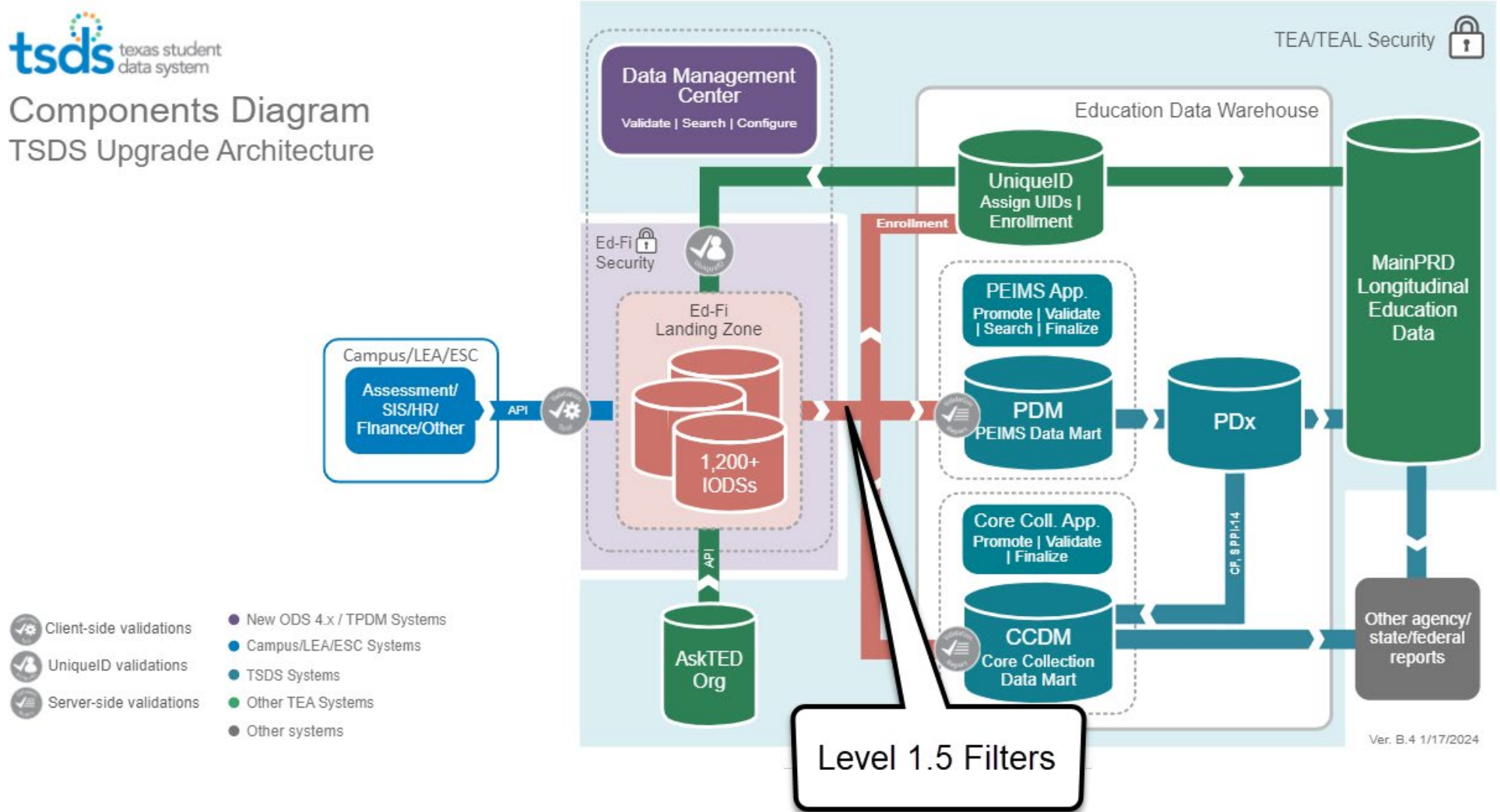
- Level 1.5 filters are a series of data validation checks that occur against the data loaded to the IODS in the Landing Zone. They include the following:
 - Validation of Course IDs
 - Validation of Descriptor Values
 - Validation of Unique IDs
 - Data that has been designated as “Do Not Report”

- Any data that is identified as a Level 1.5 filter result will not be made available to promote to the PEIMS and CORE data marts.
 - The LEA will be responsible for verifying or resolving any data displayed in the View L1.5 Filter Details within the DMC application.

NOTE: Not all data will generate a Level 1.5 filter. You may receive an onscreen message that states ‘**No Data to Display**’ if the LEA has no Level 1.5 filters.

LEVEL 1.5 FILTERS

Components Diagram
 TSDS Upgrade Architecture




TYPES OF LEVEL 1.5 FILTERS

- There are six different types of Level 1.5 filters:
 - **Course ID:** non-TEDS CourseCode values, such as local codes
 - **Descriptor Value:** non-TEDS descriptor values; either Ed-Fi or locally-defined values
 - **Do Not Report – Staff and Do Not Report – Student:**
 - This is triggered when data element StaffDoNotReportTSDS (E3069) is reported for a staff member or StudentDoNotReportTSDS (E3009) is reported for a student as 'true'.
 - All data related to that staff member or student will not move to TSDS.
 - **UID – Staff and UID – Student:**
 - Unique IDs that are not found in the Unique ID application or valid Unique IDs where the major demographic data does not match what is in the Unique ID application.

WHAT TO DO WITH LEVEL 1.5 FILTERS

- Not all Level 1.5 filters may need to be “corrected”.
 - Data that is not intended for TSDS can be marked as ‘Verified’.
 - Marking a filter as ‘Verified’ **does not change the data or delete it** from the IODS.

Type ↑	Rule ↓	Message ↓	Verified ↓
UID - Student	40100-0099 : StudentUid must match an entry in the TSDS Unique ID system.	<p>Entity: PriorYearLeaver</p> <p>Error Data: StudentUid: 497048608</p> <p>Identifying Info: LocalEducationAgencyId: 701603, StudentUid: 497048608, LocalStudentId: 985933816, LastSurname: CECIL, FirstName: BLOOME, BirthDate: 1993-08-10</p>	<input checked="" type="checkbox"/> 

- When using the **Search Criteria**, users can select to display filters by:
 - All** – all filters, both verified and unverified results
 - Verified** – filters that have been verified
 - Unverified** – filters that have not been verified

WHERE TO CORRECT LEVEL 1.5 FILTERS

Correct in source system

- Course ID
- Do Not Report – Staff
- Do Not Report – Student

Correct in source system or use DMC application

- Descriptor Value

Correct in source system

- UID – Staff
- UID – Student

(Invalid UIDs)

Correct in source system or Unique ID application

- UID – Staff
- UID – Student

(Demographic issues with UIDs)

Note: Not all L1.5 filters need to be corrected.



TRAINING ACTIVITIES

Demo, Practice, Troubleshooting, Knowledge Checks

DEMONSTRATION

1. Log in to the TSDS Portal.
2. Navigate to DMC.
3. Hover over Monitor Validations tab. Click View L1.5 Filter Details.
4. Select the filter type in the Type dropdown to execute your search.
5. Click Search.
6. Review your L1.5 filter details.
7. Determine if any data caught by L1.5 filters should be:
 - Promoted to TSDS.
 - Resolved or changed in your source system(s).
 - Marked as 'Verified' and not reported to TSDS.

NOTE: The Reference Guide is a resource that provides step-by-step instructions for Viewing and Managing L1.5 Filters.

[Link to reference guide](#)

PRACTICE EXERCISE

Task 1: Submit a TEAL Request for access to Level 1.5 Filter Details.

Task 2: View and manage Level 1.5 filters.

Ready



Set



Go

Scenario 1: L1.5 filter result for CourseCode because it is not TEDS-Compliant.

Resolution Steps:

Monitor Validations

View L1.5 Filter Details

Search Criteria

Type:

Verified:

NOTE: The data in this table will not be moved to TSDS.

Show entries

Search Table:

Type ↑	Rule ↓	Message ↓	Verified ↓
Course ID		Entity: Course Error Data: CourseCode: 90600066 Identifying Info: SchoolId: 701603	<input type="checkbox"/>

- Determine if this local credit course should be promoted to TSDS.
- If this course should be promoted to TSDS:
 - Work with the teacher of record, and review TEDS to ensure that the CourseCode is TEDS-compliant.
 - Resolve or change local course code in your source system.
 - Once republished via API from your vendor software, this filter should no longer appear.
- If this local credit course should not be promoted to TSDS, click the Verified box for this filter. This will remain in your L1.5 filter results.

Scenario 2: L1.5 filter result for EntryType.

Resolution Steps:

Monitor Validations

View L1.5 Filter Details

Search Criteria
 Type:
 Verified:

NOTE: The data in this table will not be moved to TSDS.

Show entries Search Table:

Type ↑	Rule ↓	Message ↓	Verified ↓
Descriptor Value	The descriptor value provided is not a valid TSDS value.	Entity: StudentSchoolAssociation Non-TEDS Data: EntryType: New to education system Identifying Info: EntryDate: 2021-08-01, SchoolId: 701603001, StudentUniquelid: 194652321 Highest-level data group that will not move: EntryType	<input type="checkbox"/>

- Review TEDS for EntryType code values.
- To have the data promoted to TSDS, you may complete one of the following:
 - Resolve or make the change in your source system.
 - Republish the data via API.
 - Map the local code value to a TEDS-compliant value in the DMC.
- If the data is not to be promoted to TSDS, you may:
 - Leave the data “as-is”.
 - Mark the data as ‘Verified’.
 - Have descriptor flagged as **Exclude from TSDS** on the Descriptor Mapping page (Descriptor Mapping privilege required).

Scenario 3: L1.5 filter result for StudentUniqueID.

Resolution Steps:

Monitor Validations

View L1.5 Filter Details

Search Criteria
 Type:
 Verified:

NOTE: The data in this table will not be moved to TSDS.

Show entries Search Table:

Type ↑	Rule ↓	Message ↑	Verified ↓
UID - Student	40100-0099 : StudentUniqueid must match an entry in the TSDS Unique ID system.	Entity: Student Error Data: StudentUniqueid: 100106192 Identifying Info: LocalEducationAgencyId: 701603, StudentUniqueid: 100106192, LocalStudentId: , LastSurname: Campbell, FirstName: Moshe, BirthDate: 2004-09-01	<input type="checkbox"/>

- Search within the Unique ID application by doing a Person Search to determine if this student is in the Unique ID system.
- Verify the student's Unique ID with what you have in your source system.
- Verify that student demographics in your source system(s) match what is in the Unique ID system and matches the enrollment documentation.
- Resolve or change any errors in your source system and/or the Unique ID system.
- Republish the data via API.
- Once the data has been republished via API, this filter should no longer appear.

KNOWLEDGE CHECK

- 1.** Which of the following describes filter checks performed in the IODS's Landing Zone that prevent data from being promoted into TSDS?
 - A. Level 1
 - B. Level 1.5
 - C. Level 2
 - D. Level 3

2. Which of the following is not a Level 1.5 filter type?
- A. Unique ID
 - B. Do Not Report
 - C. Business Rules
 - D. Course ID

- 3. What TEAL role do you need to verify and manage Level 1.5 filter details?**
- A. Core LEA Data Completer
 - B. DMC LEA Technical
 - C. PEIMS Data Completer
 - D. DMC LEA Data Monitor

KNOWLEDGE CHECK

4. Selecting the 'Verified' checkbox next to a Level 1.5 filter result allows the user to filter out results that have been validated and are appropriate to promote into TSDS.
 - A. True
 - B. False

NOTE: Selecting the verified checkbox next to a Level 1.5 filter will **NOT** promote the data into TSDS. This only categorizes the result as 'Verified' and assists the user in viewing their L1.5 results.

KNOWLEDGE CHECK

5. Receiving a Level 1.5 filter result means that something is wrong with the data published via API to the IODS in the Landing Zone.
- A. True
 - B. False

NOTE: A Level 1.5 filter result informs the user that the data will **NOT** be promoted into TSDS unless it is updated or resolved. The result may still be valid for an LEA's local use purposes.



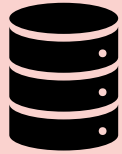
WRAP UP

Key Takeaways, Resources, and Next Steps

KEY TAKEAWAYS



The **DMC LEA Data Monitor** role is required to view and manage Level 1.5 validations.



L1.5 filter results are data validation checks against data loaded into the IODS and does not mean the data is wrong.



Data that is filtered out by L1.5 filters **will not** be promoted into TSDS for state reporting.



Users can designate a L1.5 filter as verified to flag results that have been previously reviewed.

TRAINING RESOURCES



- [Key Terms and Definitions](#)



- [Quick Reference Guide for Level 1.5 Filters](#)

NEXT STEPS

Apply for the DMC LEA Data Monitor role

- Utilize the training materials available for step-by-step instructions.
- Apply under the Texas Student Data System Portal application.
- Monitor the approval process and follow up with the designated TEAL approver as needed.

View and Manage Level 1.5 Filters.

- Once you have data loaded in your IODS in the Landing Zone, log into TEAL and access the L1.5 filters in the DMC application.

View and Manage Level 1.5 Filters

- Utilize the training materials available for step-by-step instructions in the Reference Guide.

In this training we talked about:

- How to apply for the TEAL DMC LEA Data Monitor role to access the Level 1.5 filters.
- How to view and manage Level 1.5 filters in the DMC.

QUESTIONS

