![tsds texas student data system — Simple Solution. Brighter Futures.](logo)

TEXAS STUDENT DATA SYSTEM

TSDS Unique ID Web Services: Vendor Presentation

Texas Education Agency

Key Points for Vendors

- Unique ID web services available to vendors Monday, July 22

- Usage instructions in Texas Education Data Standards (TEDS), Section 9

- Accounts requested and managed in TEAL

- Test process for vendors

Unique ID Web Services

- The 5 web services permit web applications, such as a district SIS or HR system, to interact directly with the TSDS Unique ID system

- Vendor applications can use any or all five web services

- Vendors create an administrative user interface for district/charter school users to enter and update credentials to enable web services

5 UID Web Services

From TEDS, Section 9

(http://castro.tea.state.tx.us/tsds/teds/2014F/v2.0/TSDS_Unique_ID_Specifications.pdf)

□ **ID Assignment**

Assign identifiers and/or return a list of potential near matches

□ **Near Match List**

Returns a list of potential matches for a specific submission ID

□ **Near Match Resolution**

Allows for resolution of near matches to a match, no match or cancelled record

□ **Student Search**

Returns a list of potential matches with a probability score

□ **Batch Info Search**

Returns batch information for batches with one record

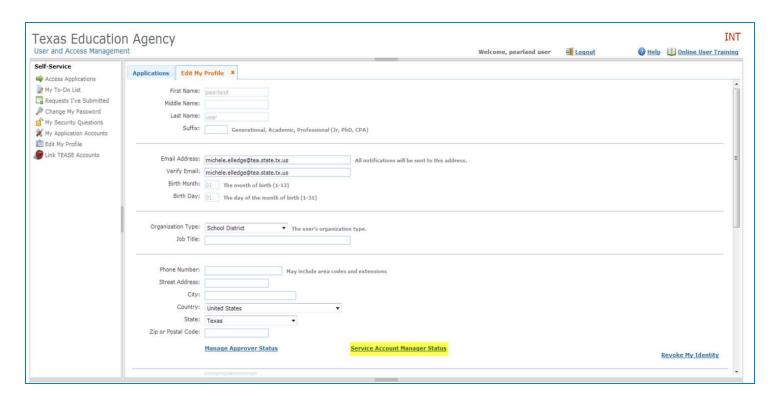# Service Account Manager 1

- □ District and charter school staff request special status in TEAL to obtain and manage web service credentials

  - ◘ Staff first request Service Account Manager status in TEAL

  - ◘ A Service Account Manager requests service accounts and administers the credentials used by applications to connect to the web services

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- Staff with the Service Account Manager status maintain service accounts for a district or charter school.

- A person with this status can:
    - Request service accounts in TEAL
    - Enable the service by entering account credentials via an administrative function provided by the vendor
    - Update service account passwords (must be done yearly)
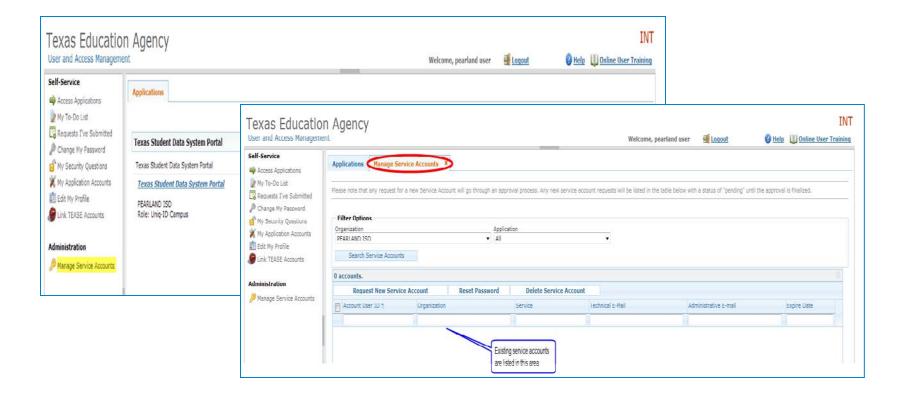   - Delete service accounts

Service Account Manager 3

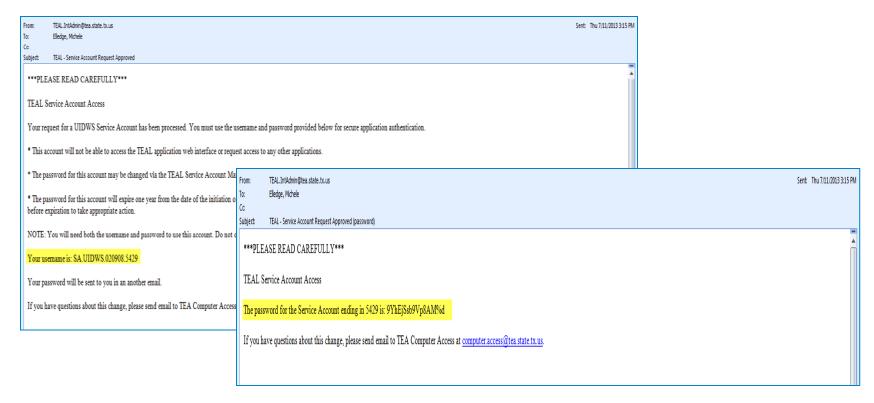Service Account Manager status is requested and approved in TEAL.

Service Account Manager 4

Once approved, a Service Account Manager can request and manage an LEA's service accounts within TEAL.

Service Accounts

Service account credentials are entered in web applications that need to use Unique ID.

Updates to TEDS, Section 9

- UID web services URLs will be:
  - https://tea4avdplbprod.tea.state.tx.us/uid/services/BatchInfo
  - https://tea4avdplbprod.tea.state.tx.us/uid/services/IDAssignmentV2
  - https://tea4avdplbprod.tea.state.tx.us/uid/services/NearMatchListV2
  - https://tea4avdplbprod.tea.state.tx.us/uid/services/NearMatchResolutionV2
  - https://tea4avdplbprod.tea.state.tx.us/uid/services/StudentSearch

- Service account credentials are passed in the web service call as parameters

- Some published functionality not implemented in TEA version

Vendor Testing

- TEA implementation of eScholar UID web services tested with various scenarios

- TEA does not have a separate test environment for vendors to validate against format

- Validate with small data set first to verify data is in correct format

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Questions?

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