

TEXAS STUDENT DATA SYSTEM
TSDS Unique ID Web Services:
ESC Champions Presentation

August 6, 2013

Texas Education Agency



Key Points for ESCs

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- Unique ID web services available in production, DTU to follow
- Some vendors now testing web services with their applications
- Details and instructions available in TEDS, Section 9
- LEAs will request and manage service accounts in TEAL
- The TEAL service account process will be new to LEAs



UID Web Services Implementation

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- The 5 web services permit web applications, such as a SIS or HR system, to interact directly with the TSDS Unique ID system
- Vendors create an administrative user interface for district/charter school users to enter and update credentials to enable web services



5 UID Web Services

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From TEDS, Section 9

([http://castro.tea.state.tx.us/tsds/teds/2014F/v2.0/TSDS Unique ID Specifications.pdf](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; includes staff search as well

□ Batch Info Search

Returns batch information for batches with one record



- LEA staff request special status in TEAL to obtain and manage web service credentials -
 - ▣ Step 1: LEA staff first request **Service Account Manager (SAM)** status in TEAL.
 - ▣ Step 2: LEA Service Account Manager requests **individual service accounts** – one for each type of web service – can then administer credentials used by district applications to connect to the web services.

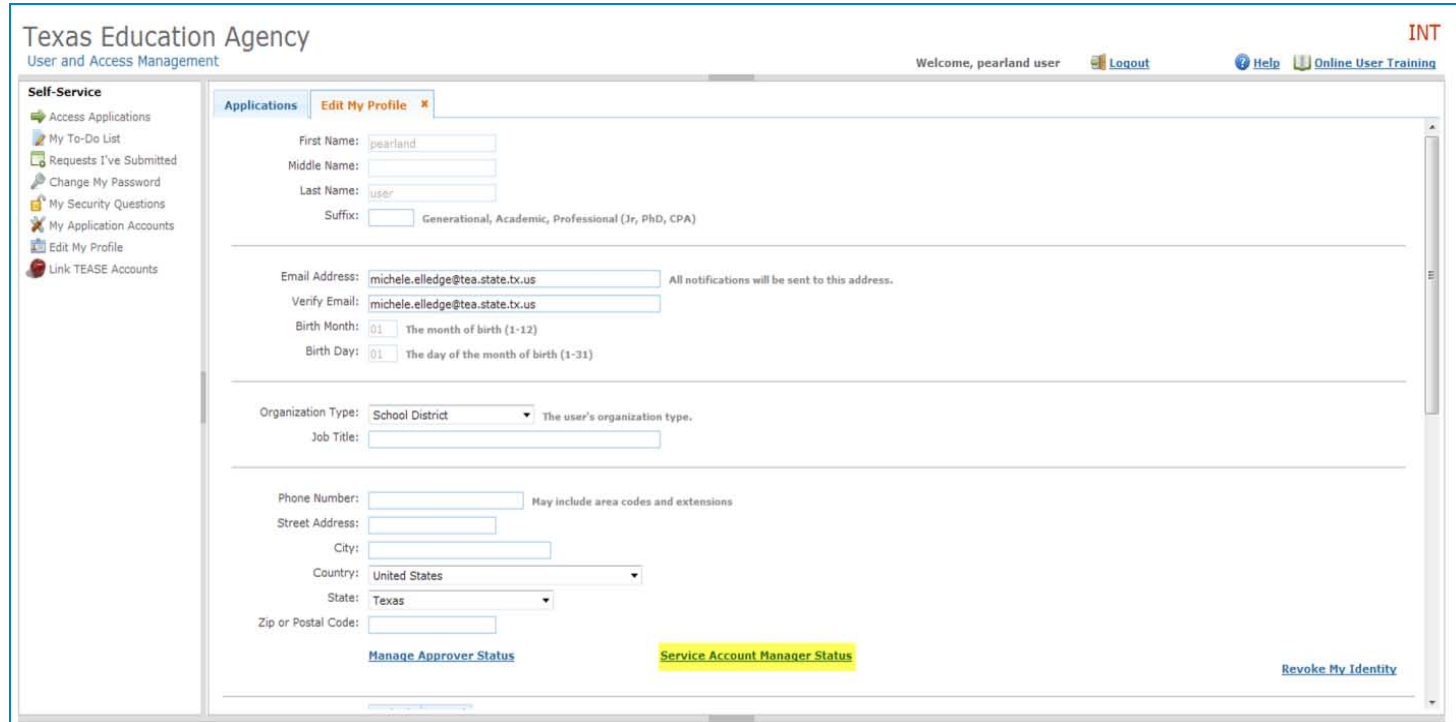


Service Account Manager 2

6

- Staff with Service Account Manager status can:
 - Request service accounts in TEAL (for UID, DTU)
 - Enable the service by entering account credentials via an administrative function provided by the vendor
 - Update service account passwords (must be done yearly, at minimum)
 - Delete service accounts

Service Account Manager status is requested and approved in TEAL.



Texas Education Agency
User and Access Management

Welcome, pearland user [Logout](#) [Help](#) [Online User Training](#) INT

Self-Service

- Access Applications
- My To-Do List
- Requests I've Submitted
- Change My Password
- My Security Questions
- My Application Accounts
- Edit My Profile
- Link TEASE Accounts

Applications **Edit My Profile**

First Name:
 Middle Name:
 Last Name:
 Suffix: Generational, Academic, Professional (Jr, PhD, CPA)

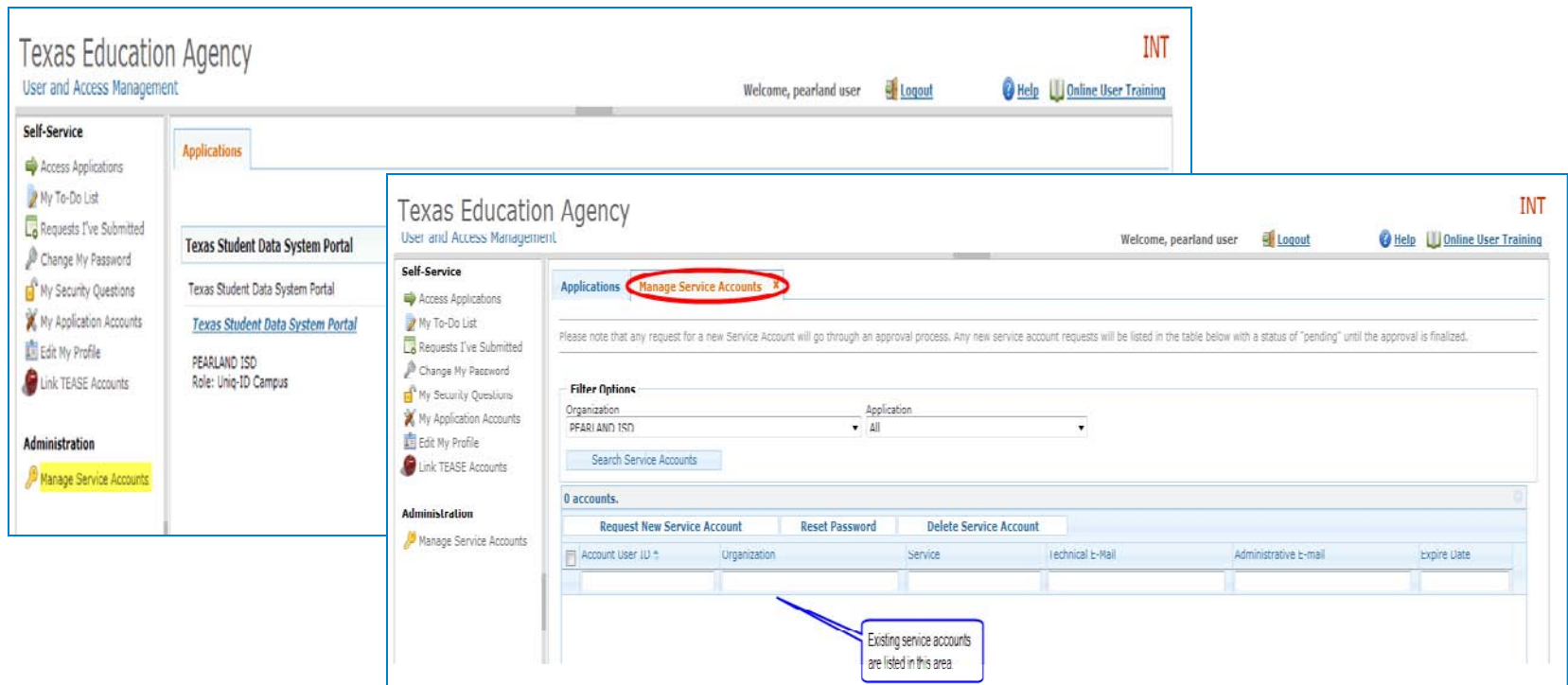
Email Address: All notifications will be sent to this address.
 Verify Email:
 Birth Month: The month of birth (1-12)
 Birth Day: The day of the month of birth (1-31)

Organization Type: The user's organization type.
 Job Title:

Phone Number: May include area codes and extensions
 Street Address:
 City:
 Country:
 State:
 Zip or Postal Code:

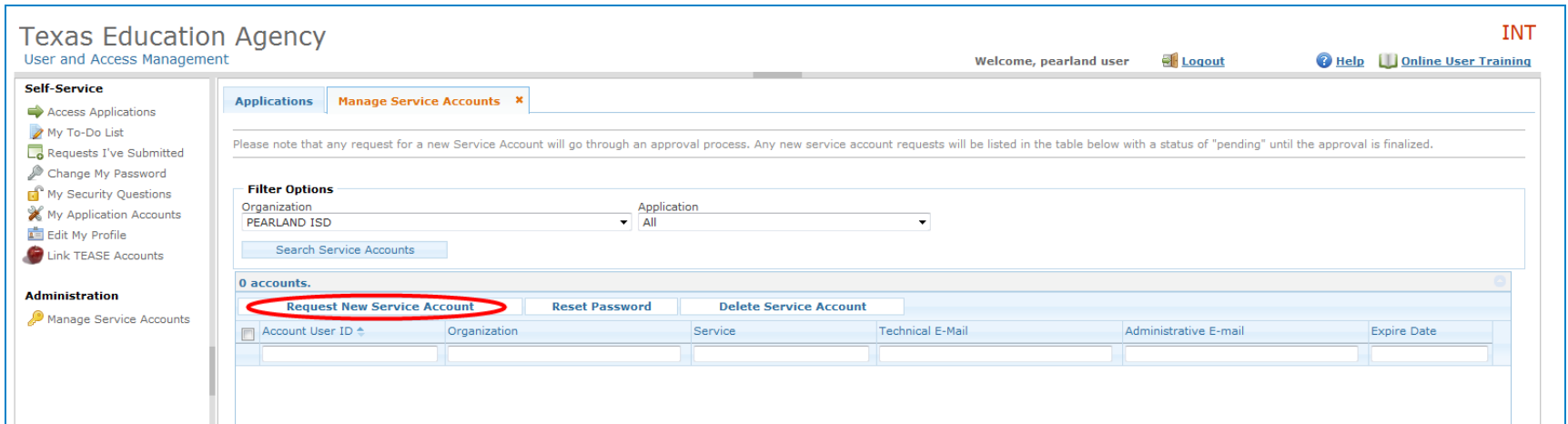
[Manage Approver Status](#) [Service Account Manager Status](#) [Revoke My Identity](#)

- ❑ Approved only at the LEA level; *not routed to TEA*
- ❑ User with SAM status has new tab in TEAL profile



The screenshot displays the Texas Education Agency User and Access Management portal. The main content area is titled "Manage Service Accounts" and includes a search filter for "Organization" (set to "PEARLAND ISD") and "Application" (set to "All"). Below the filter is a table with the heading "0 accounts." and buttons for "Request New Service Account", "Reset Password", and "Delete Service Account". The table has columns for "Account User ID", "Organization", "Service", "Technical e-Mail", "Administrative e-Mail", and "Expire Date". A callout box points to the table area with the text "Existing service accounts are listed in this area".

- With SAM status, LEA user can request service accounts from the Manage Service Accounts tab -
- **Step 1: Click Request New Service Account.**



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Administration

- Manage Service Accounts

Applications **Manage Service Accounts** ✕

Please note that any request for a new Service Account will go through an approval process. Any new service account requests will be listed in the table below with a status of "pending" until the approval is finalized.

Filter Options

Organization: PEARLAND ISD Application: All

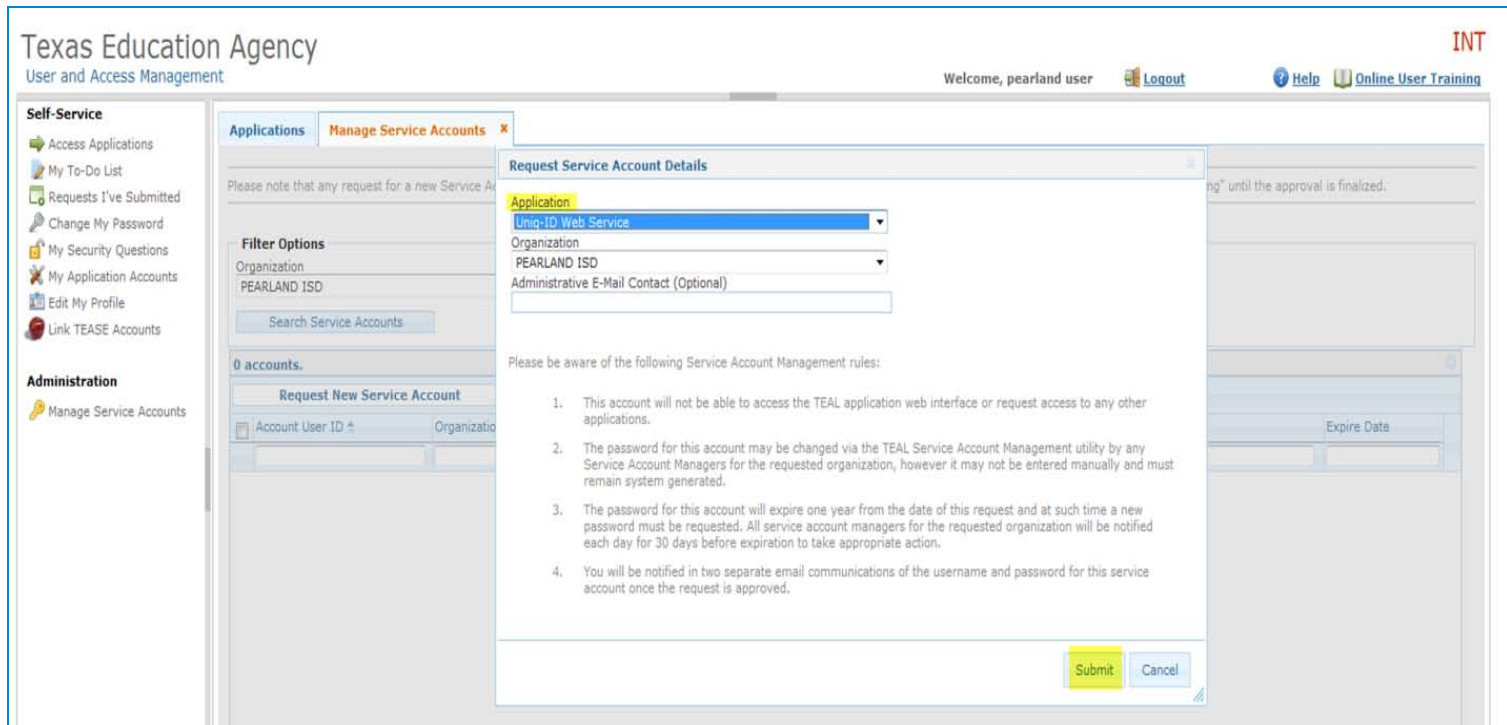
[Search Service Accounts](#)

0 accounts.

[Request New Service Account](#) [Reset Password](#) [Delete Service Account](#)

Account User ID	Organization	Service	Technical E-Mail	Administrative E-mail	Expire Date

Step 2: Select the web service and click **Submit**.
Wait for approval.



The screenshot shows the Texas Education Agency User and Access Management interface. A modal dialog titled "Request Service Account Details" is open, allowing a user to request a new service account. The dialog includes the following fields:

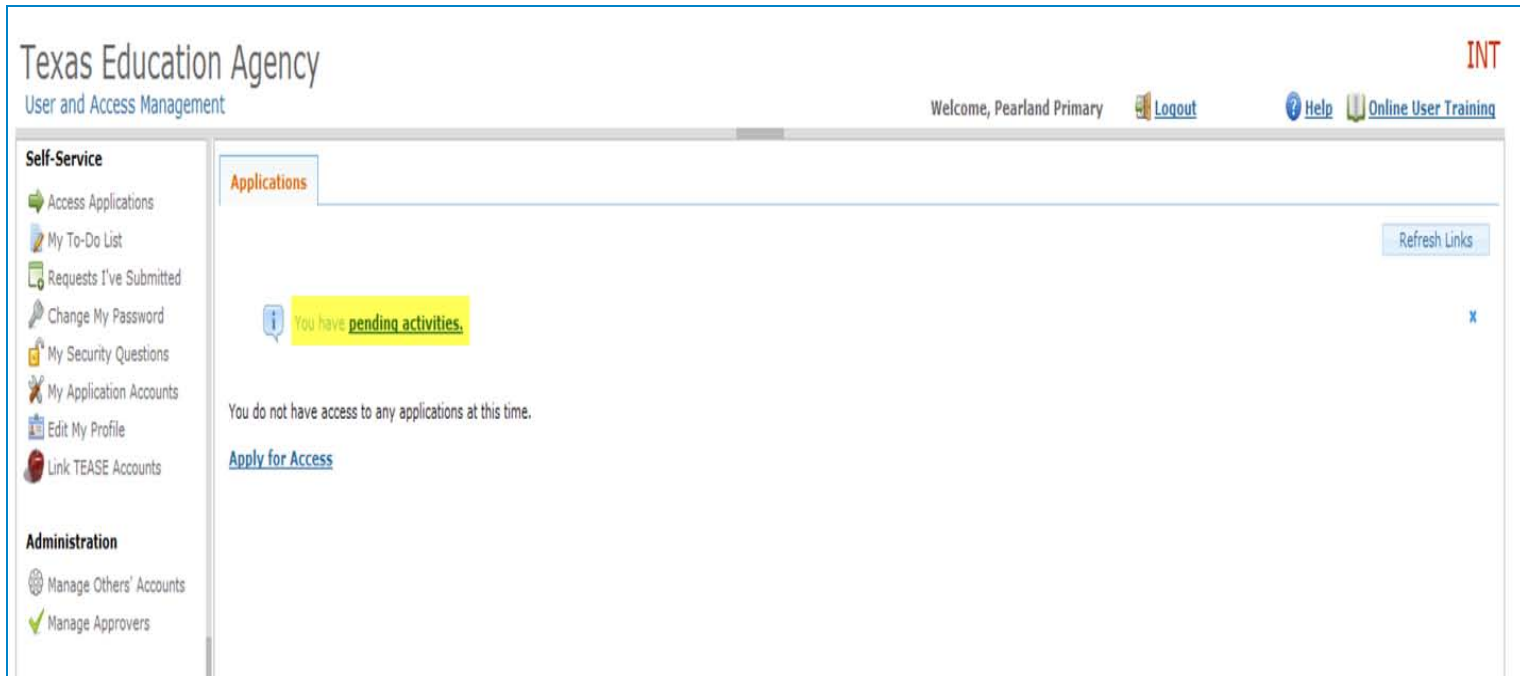
- Application:** A dropdown menu with "Uniq-ID Web Service" selected.
- Organization:** A dropdown menu with "PEARLAND ISD" selected.
- Administrative E-Mail Contact (Optional):** An empty text input field.

Below the form, there are four numbered rules for service account management:

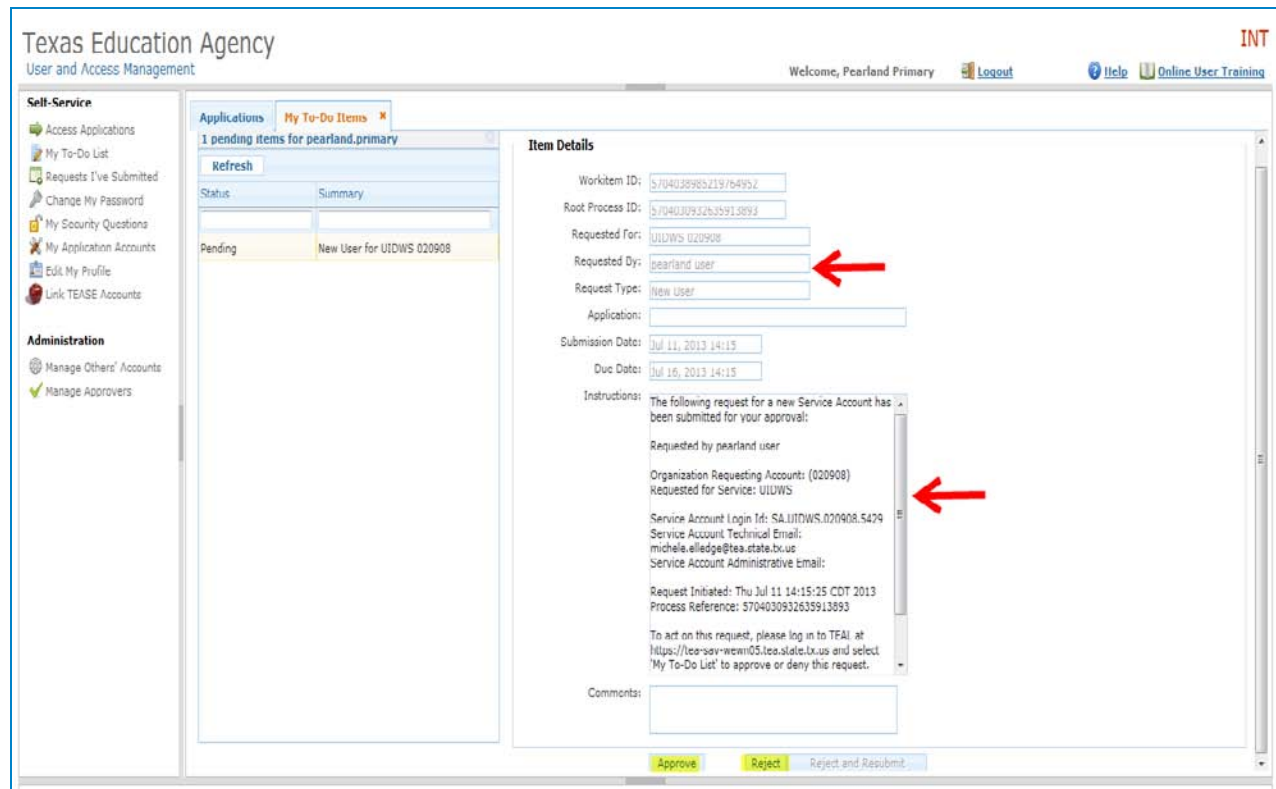
- This account will not be able to access the TEAL application web interface or request access to any other applications.
- The password for this account may be changed via the TEAL Service Account Management utility by any Service Account Managers for the requested organization, however it may not be entered manually and must remain system generated.
- The password for this account will expire one year from the date of this request and at such time a new password must be requested. All service account managers for the requested organization will be notified each day for 30 days before expiration to take appropriate action.
- You will be notified in two separate email communications of the username and password for this service account once the request is approved.

At the bottom of the dialog, there are "Submit" and "Cancel" buttons.

Requests for Service Accounts are routed in TEAL to the Organization Approver (Superintendent).

A screenshot of the Texas Education Agency (TEA) User and Access Management web application. The page title is "Texas Education Agency" with the subtitle "User and Access Management". In the top right corner, there is a red "INT" logo and a "Welcome, Pearland Primary" message. Navigation links for "Logout", "Help", and "Online User Training" are visible. A left-hand navigation menu is divided into "Self-Service" and "Administration" sections. The "Self-Service" section includes links for "Access Applications", "My To-Do List", "Requests I've Submitted", "Change My Password", "My Security Questions", "My Application Accounts", "Edit My Profile", and "Link TEASE Accounts". The "Administration" section includes "Manage Others' Accounts" and "Manage Approvers". The main content area is titled "Applications" and features a "Refresh Links" button. A yellow information box states "You have pending activities." Below this, a message reads "You do not have access to any applications at this time." and a blue link "Apply for Access" is provided.

- Approver evaluates request and makes a decision



The screenshot displays the Texas Education Agency (TEA) User and Access Management interface. The page title is "Texas Education Agency User and Access Management" and the user is identified as "Pearland Primary". The interface is divided into several sections:

- Self-Service:** Includes links for Access Applications, My To-Do List, Requests I've Submitted, Change My Password, My Security Questions, My Application Account, Edit My Profile, and Link TEASE Accounts.
- Administration:** Includes links for Manage Others' Accounts and Manage Approvers.
- Applications:** Shows a "My To-Do Items" tab with "1 pending items for pearland.primary". A table lists the pending item: "New User for UIDWS 020908".
- Item Details:** Provides information for the selected item:
 - Workitem ID: 570403090219764952
 - Root Process ID: 5704030932635913893
 - Requested For: UIDWS 020908
 - Requested By: pearland user (indicated by a red arrow)
 - Request Type: New User
 - Application: (empty field)
 - Submission Date: Jul 11, 2013 14:15
 - Due Date: Jul 16, 2013 14:15
 - Instructions: A detailed message explaining the request for a new Service Account, including the organization name (020908), requested service (UIDWS), and service account details (login ID, technical email, administrative email). It also provides a URL for approval and a process reference number.
 - Comments: (empty text area)

At the bottom of the Item Details section, there are three buttons: "Approve", "Reject", and "Reject and Resubmit". A red arrow points to the "Reject" button.



Approved Service Accounts

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Service account credentials sent to SAM are entered in web applications that need to use web service.

The image shows two overlapping email messages. The top message is from TEAL_IntAdmin@tea.state.tx.us to Elledge, Michele, with the subject 'TEAL - Service Account Request Approved'. It contains the following text:

*****PLEASE READ CAREFULLY*****

TEAL Service Account Access

Your request for a UIDWS Service Account has been processed. You must use the username and password provided below for secure application authentication.

- * This account will not be able to access the TEAL application web interface or request access to any other applications.
- * The password for this account may be changed via the TEAL Service Account Management tool.
- * The password for this account will expire one year from the date of the initiation of the account. Please contact the TEAL Service Account Management team before expiration to take appropriate action.

NOTE: You will need both the username and password to use this account. Do not share this information with anyone.

Your username is: SA_UIDWS.020908.5429

Your password will be sent to you in an another email.

If you have questions about this change, please send email to TEA Computer Access at computer.access@tea.state.tx.us.

The bottom message is also from TEAL_IntAdmin@tea.state.tx.us to Elledge, Michele, with the subject 'TEAL - Service Account Request Approved (password)'. It contains the following text:

*****PLEASE READ CAREFULLY*****

TEAL Service Account Access

The password for the Service Account ending in 5429 is: 9YhEjSsb9Vp8AM%od

If you have questions about this change, please send email to TEA Computer Access at computer.access@tea.state.tx.us.

- Service account passwords expire in one year.
- SAM resets passwords from tab in TEAL.

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Filter Options

Organization: PEARLAND ISD Application: All

Search Service Accounts

3 accounts.

Account User ID	Organization	Service	Technical E-Mail	Administrative E-mail	Expire Date
<input checked="" type="checkbox"/> SA.UIDWS.020908.5429	PEARLAND ISD	Uniq-ID Web Service	michele.elledge@tea.state.tx.us		07/11/2014
<input type="checkbox"/> SA.UIDWS.020908.2046	PEARLAND ISD	Uniq-ID Web Service	micheleelledge@earthlink.net		07/11/2014
<input type="checkbox"/> SA.TSDSDTU.020908.84	PEARLAND ISD	TSDS Data Transfer Util	micheleelledge@earthlink.net		Pending

- Service Account Managers can also delete accounts.

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User and Access Management

Welcome, pearland user [Logout](#) [Help](#) [Online User Training](#) INT

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Applications **Manage Service Accounts**

Please note that any request for a new Service Account will go through an approval process. Any new service account requests will be listed in the table below with a status of "pending" until the approval is finalized.

Filter Options

Organization: PEARLAND ISD Application: All

[Search Service Accounts](#)

3 accounts.

	Request New Service Account	Reset Password	Delete Service Account			
Account User ID	Organization	Service	Technical E-Mail	Administrative E-mail	Expire Date	
<input type="checkbox"/>	SA.UIDWS.020908.5429	PEARLAND ISD	Uniq-ID Web Service	michele.elledge@tea.state.tx.us		07/11/2014
<input checked="" type="checkbox"/>	SA.UIDWS.020908.2046	PEARLAND ISD	Uniq-ID Web Service	micheleelledge@earthlink.net		07/11/2014
<input type="checkbox"/>	SA.TSDSDTU.020908.84	PEARLAND ISD	TSDS Data Transfer Util	micheleelledge@earthlink.net		Pending



Updates to TEDS, Section 9

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- UID web services URLs / WSDLs
- Service account credentials are passed in the web service call as parameters
- Some published functionality not implemented in TEA version



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Search



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Questions?

www.TexasStudentDataSystem.org