

Ultimate History Tracker (UHT) - Installation & Configuration Guide

Version: 6.3

Package Namespace: `missionsf`

Last Updated: March 5, 2026

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I. Overview

Ultimate History Tracker (UHT) provides **unlimited field change tracking** for any Salesforce object. Unlike standard Field History Tracking (limited to 20 fields per object), UHT can track unlimited fields and captures changes made via:

- Lightning and Classic UI
- API integrations
- Flows and Process Builder
- Data Loader and import tools
- Apex code

How It Works

UHT uses **dynamically deployed Apex triggers** to detect field changes in real-time. When you configure tracking for an object, UHT automatically deploys a trigger for that object via the Metadata API. When a tracked field changes, the trigger captures the change and logs it to a custom **UHT Change Log** object, including:

- Old value
- New value
- Who made the change
- When the change occurred
- Which record was changed

Estimated Setup Time

15-20 minutes for initial configuration.

II. Prerequisites

Before beginning installation, ensure you have:

Requirement	Details
Profile	System Administrator (or equivalent permissions)
Access	Setup menu access in your Salesforce org
Edition	Enterprise, Unlimited, or Developer Edition
Browser	Chrome, Firefox, or Edge (Safari may have popup issues)

Note: UHT requires a one-time OAuth configuration to enable automatic trigger deployment. This guide walks you through each step with verification checkpoints.

IMPORTANT - Naming Matters: This guide is designed as a **copy-and-paste configuration guide**. You must use the **exact names** specified for all components (Remote Site Settings, Connected Apps, Auth Providers, Named Credentials). The package expects specific names like `UHT_Self_Callout` for the Named Credential. Using different names will cause the package to fail.

III. Installation

III.1 Install the Package

Option A: Production or Developer Edition

```
https://login.salesforce.com/packaging/installPackage.apexp?p0=PACKAGE_VERSION_ID
```

Option B: Sandbox

```
https://test.salesforce.com/packaging/installPackage.apexp?p0=PACKAGE_VERSION_ID
```

Note: Replace `PACKAGE_VERSION_ID` with the current version ID from the AppExchange listing or your administrator.

III.2 Installation Steps

1. Click the appropriate link above (or paste into your browser)
2. Log in to your Salesforce org if prompted
3. Select **Install for Admins Only** (recommended for initial setup)
4. Check the acknowledgment box for third-party access

Install UltimateHistoryTracker (Managed)
By Mission SF

Install for Admins Only **Install for All Users** **Install for Specific Profiles...**

Install **Cancel**

App Name	Publisher	Version Name	Version Number
UltimateHistoryTracker (Managed)	Mission SF	ver 1.0	1.1

Additional Details [View Components](#)

5. Click **Install**
6. Wait for the installation email confirmation (typically 1-5 minutes)

Install UltimateHistoryTracker (Managed)
By Mission SF

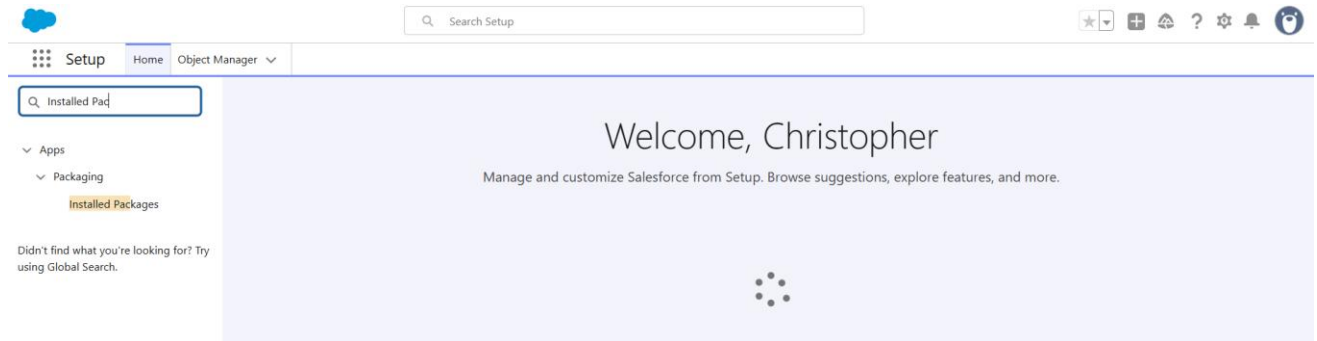
Installation Complete!

Done

App Name	Publisher	Version Name	Version Number
UltimateHistoryTracker (Managed)	Mission SF	ver 1.0	1.1

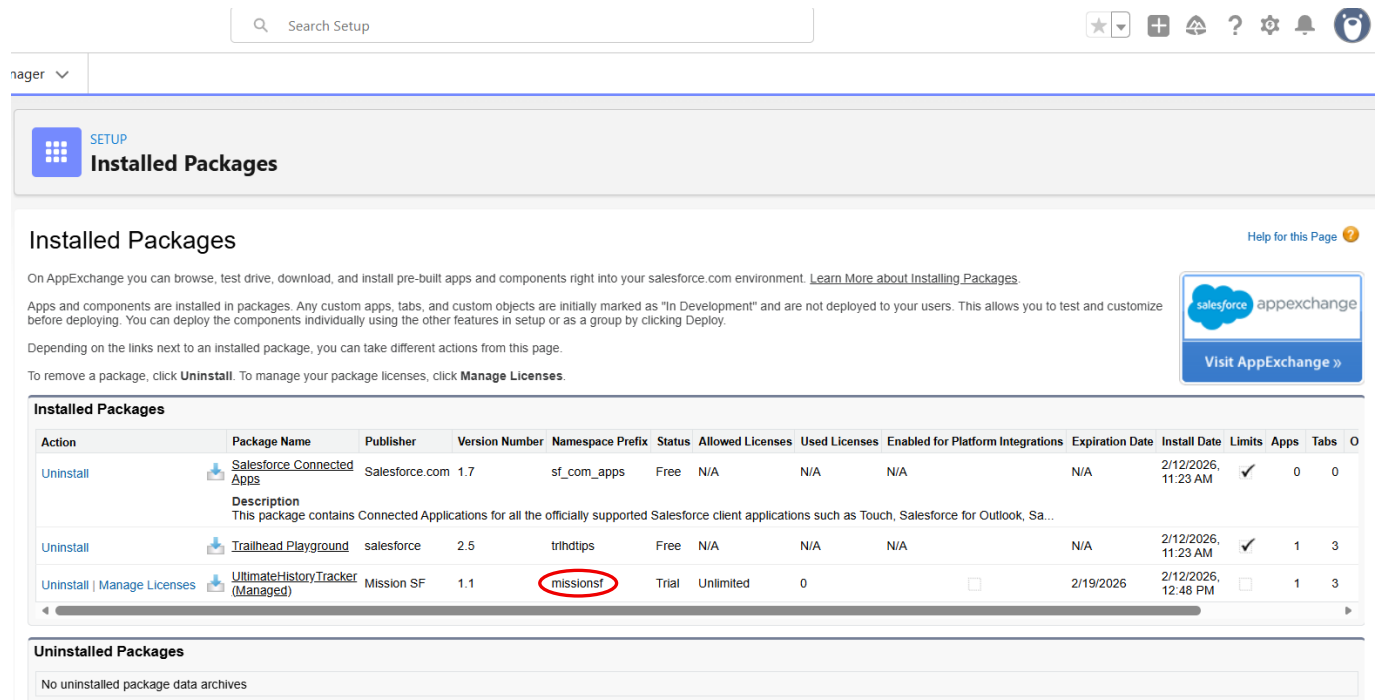
III.3 Verify Installation

- 1. Go to **Setup** → Quick Find: **Installed Packages**



- 2. Confirm **Ultimate History Tracker** appears in the list

- 3. Verify the namespace shows as **missionsf**

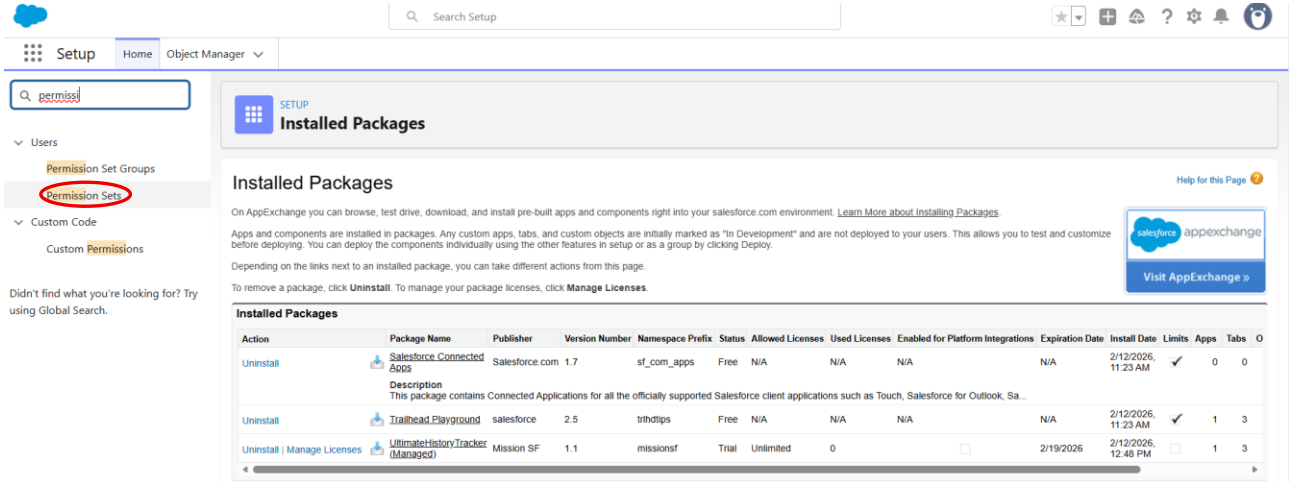


✓ **Checkpoint:** Package appears in Installed Packages with namespace **missionsf**

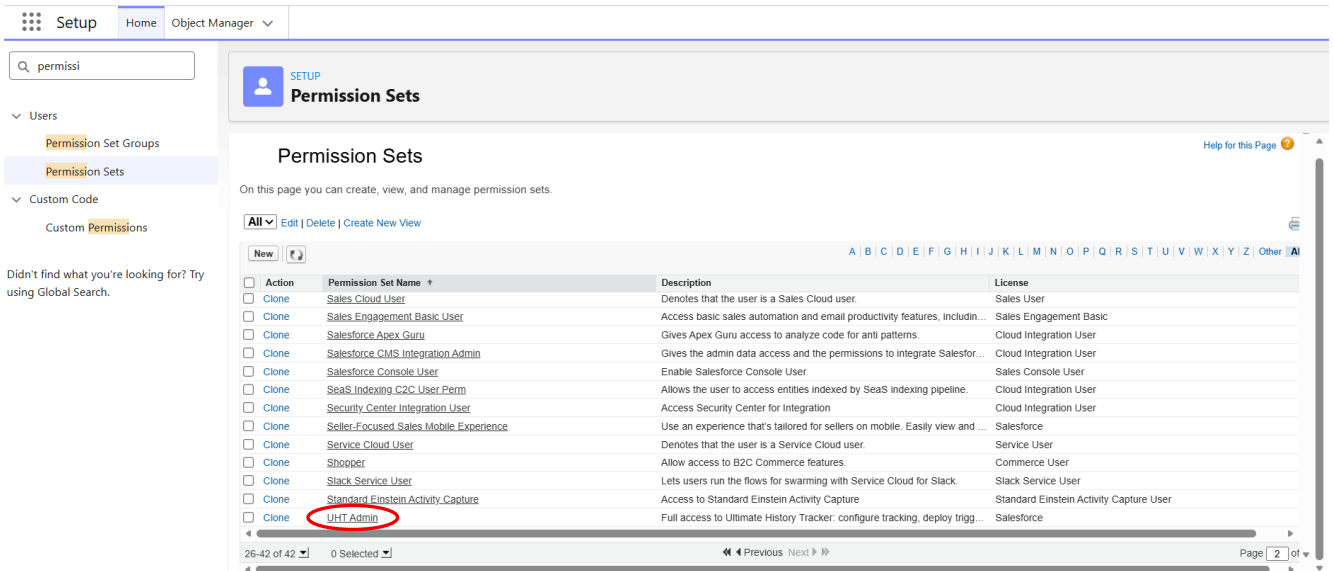
III.4 Assign Permission Set

Before proceeding with configuration, assign the **UHT Admin** permission set to your user:

1. Go to **Setup** → Quick Find: **Permission Sets**



2. Click **UHT Admin**



3. Click Manage Assignments

The screenshot shows the Salesforce Setup interface for a Permission Set named 'UHT Admin'. The left sidebar contains navigation options: Users, Permission Set Groups, Permission Sets (highlighted), Custom Code, and Custom Permissions. The main content area shows the 'UHT Admin' permission set details. At the top, there are links for 'Find Settings...', 'Clone', 'Manage Assignments' (circled in red), and 'View Summary'. Below this is a 'Permission Set Overview' table with the following data:

Field	Value
Description	Full access to Ultimate History Tracker: configure tracking, deploy triggers, and view change logs.
License	Salesforce
Session Activation Required	<input type="checkbox"/>
Permission Set Groups Added To	0
API Name	UHT_Admin
Namespace Prefix	missionsf
Created By	Christopher Lynn, 2/12/2026, 12:48 PM
Last Modified By	Christopher Lynn, 2/12/2026, 12:48 PM

Below the overview is an 'Apps' section with a sub-section for 'Assigned Apps'.

4. Click Add Assignment

The screenshot shows the 'Current Assignments' page for the 'UHT Admin' permission set. The breadcrumb trail is '... > SETUP > PERMISSION SET 'UHT ADMIN''. The main content area has a large blue illustration of a city skyline. In the top right corner, there is an 'Add Assignment' button circled in red.

5. Select your user and click Next

The screenshot shows the 'Select Users to Assign' page for the 'UHT Admin' permission set. The breadcrumb trail is '... > PERMISSION SET 'UHT ADMIN' > MANAGE ASSIGNMENT EXPIRATION'. The main content area shows a list of users under the heading 'All Users'. One user, 'Christopher Lynn', is selected. The 'Next' button at the bottom right is circled in red.

	Full Name ↑	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Chatter Expert	Chatter	chatty.00dg700000mmwleaw.ntzvaaxeae@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input checked="" type="checkbox"/>	Christopher Lynn	CLynn	clynn@brave-bear-2sgxb6.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>	Integration User	integ	integration@00dg700000mmwleaw.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	Security User	sec	insightssecurity@00dg700000mmwleaw.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

6. Click Assign

Setup Home Object Manager

Search Setup

UHT Admin

PERMISSION SET 'UHT ADMIN' > MANAGE ASSIGNMENT EXPIRATION

Select an Expiration Option For Assigned Users

No expiration date

Specify the expiration date

Time Zone: Select a time zone...

1 Day 1 Week 30 Days 60 Days Custom Date

Selected Users

Full Name	Role	Profile	Active	User License	Expires On
Christopher Lynn		System Administrator	✓	Salesforce	Never Expires

Cancel Back **Assign**

brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce-setup.com/lightning/setup/PermSets/.../...

IV. Post-Installation Configuration

Important: Complete these steps in order. Each step depends on the previous one.

Step 4.1: Create Remote Site Setting

UHT needs to make Metadata API callouts to your org for trigger deployment. This requires a Remote Site Setting pointing to your org's domain.

Navigate to Remote Site Settings

1. Go to **Setup**
2. Quick Find:
3. Click **Remote Site Settings**
4. Click **New Remote Site**

The screenshot shows the Salesforce Setup interface for Remote Site Settings. The left sidebar contains a search bar with 'remote site se' and a navigation menu with 'Remote Site Settings' selected. The main content area is titled 'Remote Site Settings' and shows a table of 'All Remote Sites'. A table with one row is visible, and the 'New Remote Site' button is circled in red.

Action	Remote Site Name	Namespace Prefix	Remote Site URL	Active	Created By	Created Date	Last Modified By	Last Modified Date
Edit Del	ApexDevNet	-	http://www.apexdevnet.com	✓	Lynn_Christopher	2/12/2026, 11:23 AM	Lynn_Christopher	2/12/2026, 11:23 AM

5. Fill in the form:

Field	Value
Remote Site Name	UHT_Metadata_API
Remote Site URL	Your org's My Domain URL (e.g., https://yourcompany.my.salesforce.com)
Description	Allows UHT to deploy tracking triggers via Metadata API
Disable Protocol Security	<input type="checkbox"/> Leave unchecked
Active	<input checked="" type="checkbox"/> Checked

6. Click **Save**

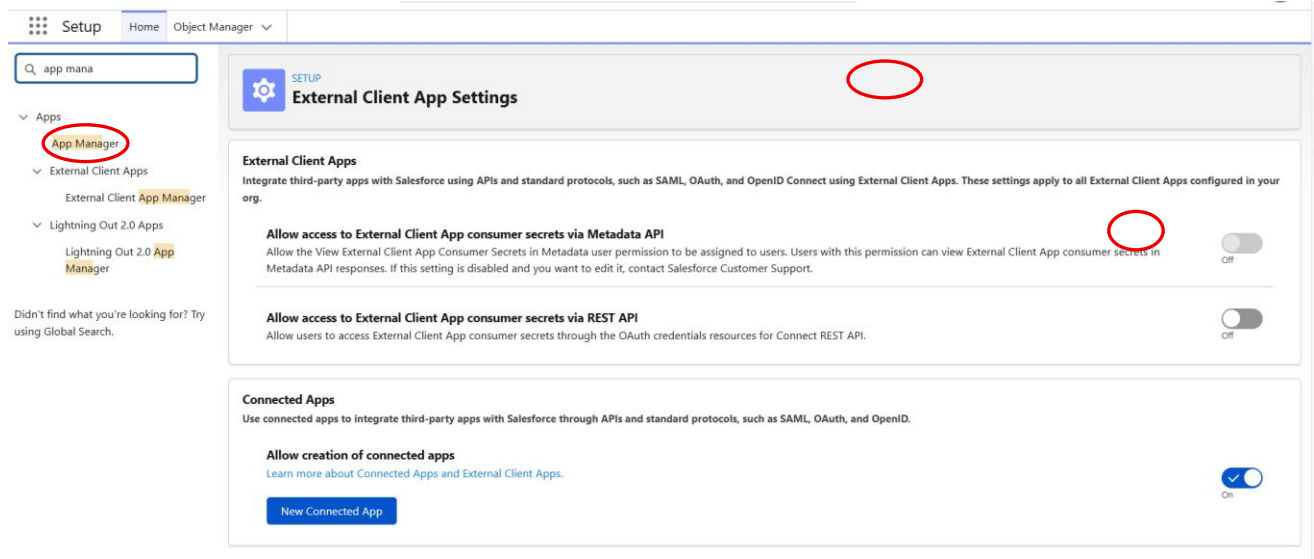
The screenshot shows the Salesforce Setup interface for Remote Site Settings. The left sidebar contains a search bar with 'remote site se' and a navigation menu with 'Security' expanded to show 'Remote Site Settings'. The main content area is titled 'Remote Site Edit' and includes a description: 'Enter the URL for the remote site. All s-controls, JavaScript OnClick commands in custom buttons, Apex, and AJAX proxy calls can access this Web address from salesforce.com.' The form fields are: Remote Site Name (UHT_Metadata_API), Remote Site URL (https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com), Disable Protocol Security (unchecked), Description (Allows UHT to deploy tracking triggers via Metadata API), and Active (checked). At the bottom, the 'Save' button is circled in red.

✔ **Checkpoint:** Remote Site Setting UHT_Metadata_API is active and points to your org's My Domain URL

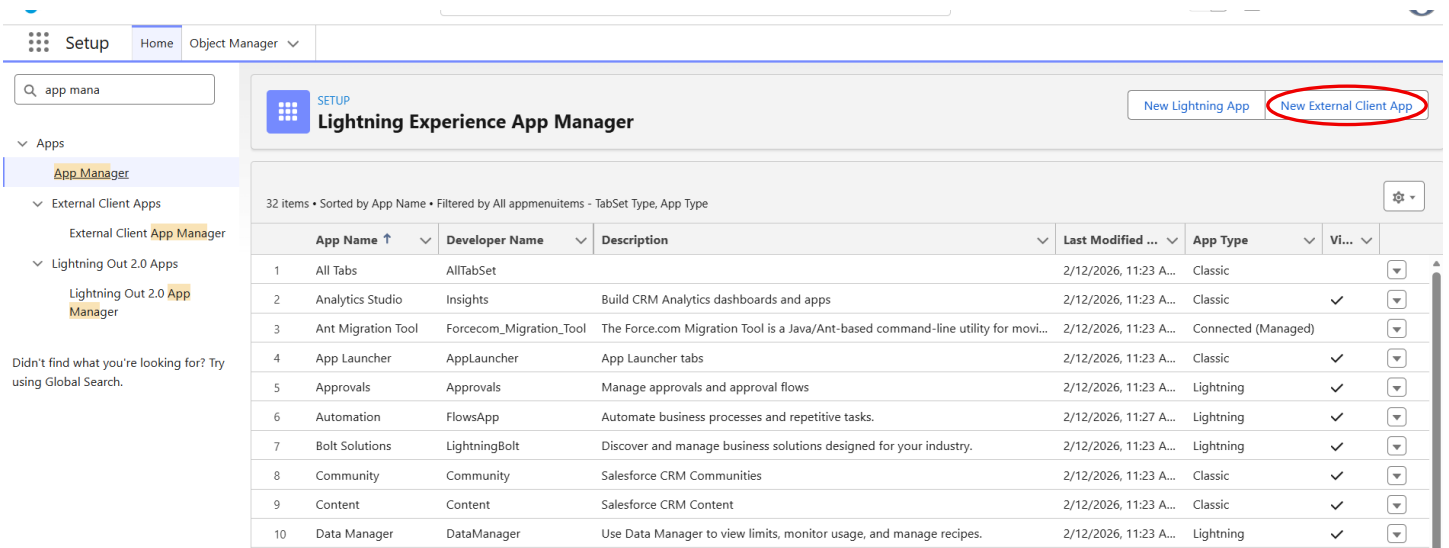
Step 4.2: Create Connected App

UHT needs OAuth credentials to deploy tracking triggers automatically.

1. Go to **Setup**
2. Quick Find: **App Manager**
3. Click **External Client App Manager**



4. Click **New External Client App** (top right corner)



5. Fill in **Basic Information**:

Field	Value
Connected App Name	UHT API Access
API Name	UHT_API_Access (auto-fills)
Contact Email	Your email address

6. Scroll to **API (Enable OAuth Settings)**:

- Check **Enable OAuth Settings**

7. New fields appear. Fill in:

Field	Value
Callback URL	<input type="text" value="https://login.salesforce.com/services/oauth2/callback"/> (placeholder - you'll replace this in Step 4.4)
Selected OAuth Scopes	Add both: <ul style="list-style-type: none">• Full access (full)• Perform requests at any time (refresh_token, offline_access)

8. Leave all other settings as default

9. Click Create

Setup Home Object Manager

app mana

External Client App Manager

Basic Information

* External Client App Name: UHT API Access

* API Name: UHT_API_Access

* Contact Email: clynn@missionsflc.com

* Distribution State: Local

Contact Phone: Enter a phone number...

Info URL: Enter a URL...

Logo Image URL: Enter a URL... Choose one of our sample logos.

Icon URL: Enter a URL... Choose one of our sample logos.

Description

API (Enable OAuth Settings)

Enable OAuth

App Settings

* Callback URL: https://login.salesforce.com/services/oauth2/callback

* OAuth Scopes

Available OAuth Scopes

- Access the identity URL service (id, profile, email, address, phone)
- Manage user data via APIs (api)
- Manage user data via Web browsers (web)
- Access Connect REST API resources (chatter_api)
- Access Visualforce applications (visualforce)
- Access unique user identifiers (openid)

Selected OAuth Scopes

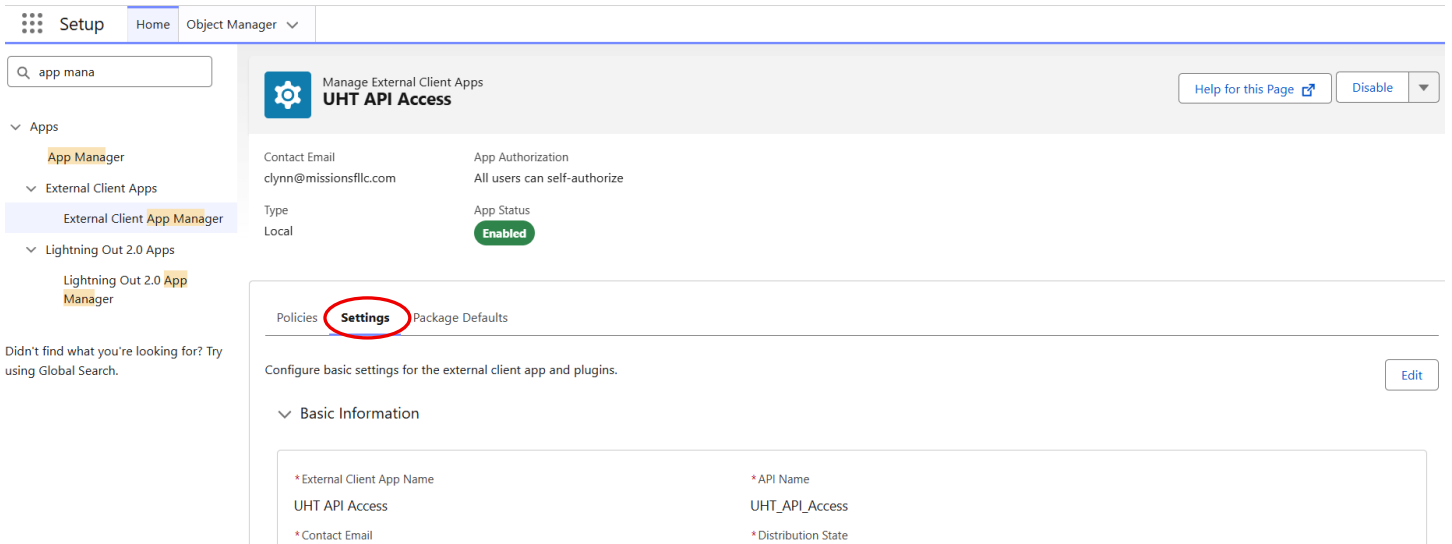
- Full access (full)
- Perform requests at any time (refresh_token, offline_access)

Cancel Create

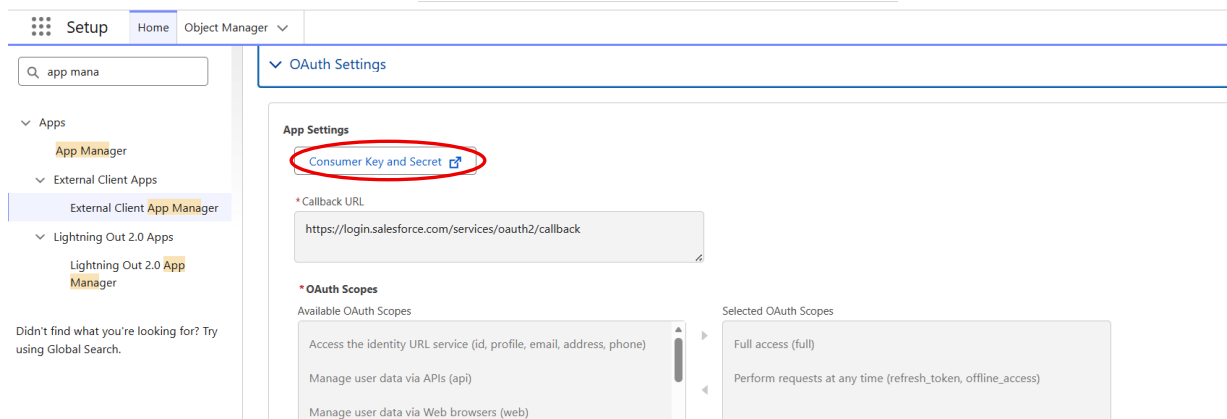
Step 4.3: Create Auth Provider

The Auth Provider connects your Connected App to Salesforce's authentication system.

1. On the Connected App detail page, click **Settings**

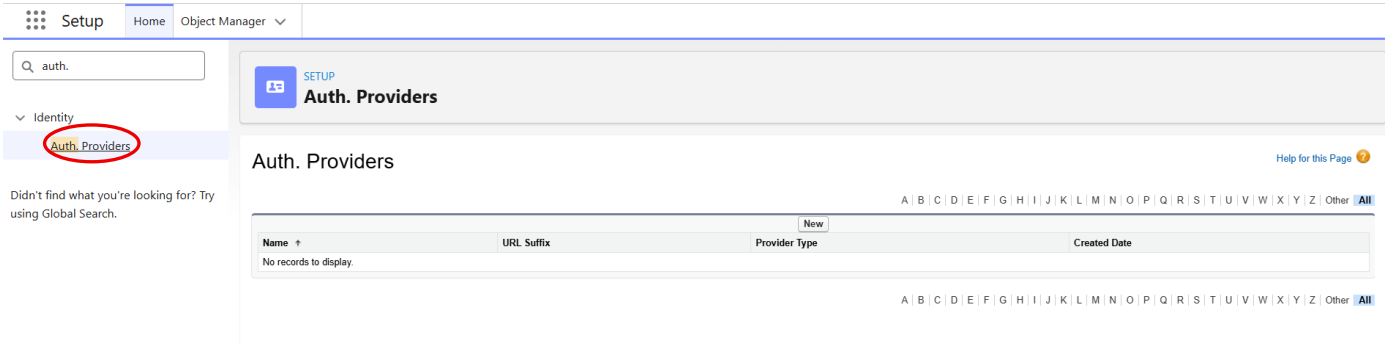


2. Scroll down to the **OAuth Settings** and expand that section
3. Click on **Consumer Key and Secret** button



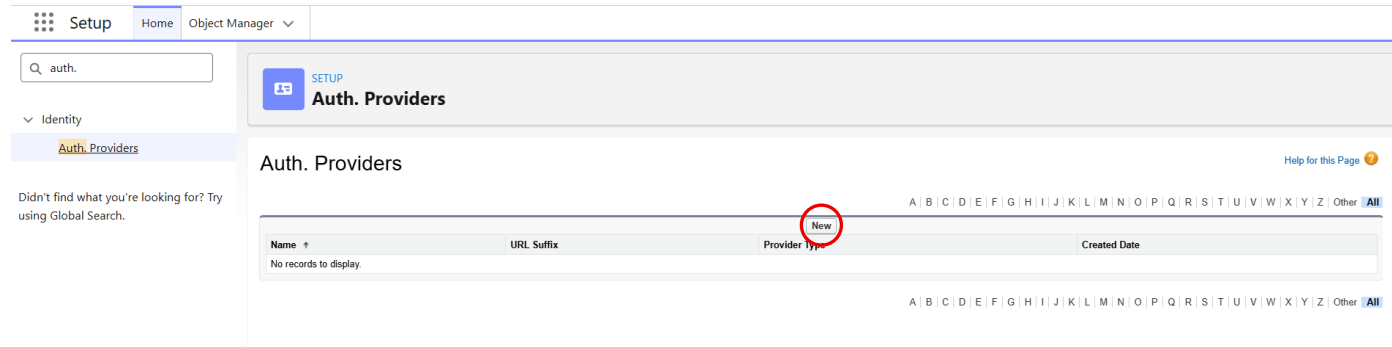
4. Verify your identity
5. Copy the **Consumer Key** and **Consumer Secret** and keep them secure.
6. Go to **Setup**
7. Quick Find: **Auth. Providers**

8. Click Auth. Providers



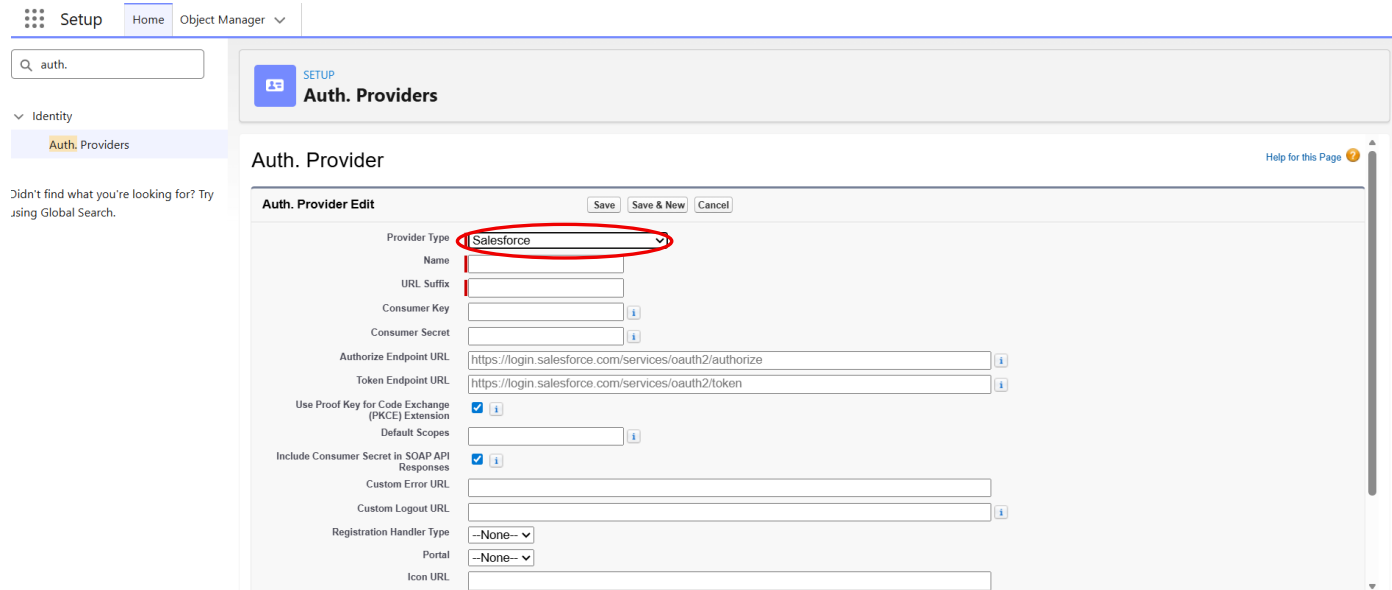
The screenshot shows the Salesforce Setup interface. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. A search bar contains 'auth.'. The left sidebar shows a tree view with 'Identity' expanded, and 'Auth. Providers' highlighted with a red circle. The main content area displays the 'Auth. Providers' page with a table that currently has no records. A 'New' button is visible in the top right of the table area.

9. Click New



This screenshot is similar to the previous one, but the 'New' button in the table area is highlighted with a red circle. The 'Auth. Providers' link in the sidebar is no longer highlighted.

10. Select Provider Type: Salesforce



The screenshot shows the 'Auth. Provider Edit' form. The 'Provider Type' dropdown menu is highlighted with a red circle and contains the text 'Salesforce'. Other fields in the form include Name, URL Suffix, Consumer Key, Consumer Secret, Authorize Endpoint URL, Token Endpoint URL, Use Proof Key for Code Exchange (PKCE) Extension, Default Scopes, Include Consumer Secret in SOAP API Responses, Custom Error URL, Custom Logout URL, Registration Handler Type, Portal, and Icon URL.

11. Fill in the form:

Field	Value
Name	UHT_Salesforce_Auth
URL Suffix	UHT_Salesforce_Auth (auto-fills)
Consumer Key	Paste from Step 4.2
Consumer Secret	Paste from Step 4.2
Authorize Endpoint URL	Leave blank (uses default)
Token Endpoint URL	Leave blank (uses default)
Default Scopes	full refresh_token

12. Click **Save**

The screenshot shows the Salesforce Setup interface. On the left, there is a navigation menu with 'Auth. Providers' selected. The main content area is titled 'Auth. Providers' and contains the following configuration fields:

- Provider Type: Salesforce
- Name: UHT_Salesforce_Auth
- URL Suffix: UHT_Salesforce_Auth
- Consumer Key: 3MVG9FofAY6PhRIE_eER
- Consumer Secret: 020BA076E4AEE6E7D150
- Authorize Endpoint URL: https://login.salesforce.com/services/oauth2/authorize
- Token Endpoint URL: https://login.salesforce.com/services/oauth2/token
- Use Proof Key for Code Exchange (PKCE) Extension:
- Default Scopes: full refresh_token
- Include Consumer Secret in SOAP API Responses:
- Custom Error URL: (empty)
- Custom Logout URL: (empty)
- Registration Handler Type: --None--
- Portal: --None--
- Icon URL: Choose one of our sample icons
- Use Salesforce MFA for this SSO Provider:

At the bottom of the form, there are three buttons: 'Save', 'Save & New', and 'Cancel'. The 'Save' button is circled in red.

13. After saving, scroll down to find the **Salesforce Configuration** section

14. Locate Callback URL

The screenshot shows the Salesforce Setup interface for configuring an authentication provider. The left sidebar contains navigation options: Setup, Home, and Object Manager. A search bar contains 'auth.'. Under the 'Identity' section, 'Auth. Providers' is selected. The main content area is titled 'Auth. Providers' and displays configuration details for a provider named 'UHT_Salesforce_Auth'. The configuration includes fields for URL Suffix, Consumer Key, Consumer Secret, Authorize Endpoint URL, Token Endpoint URL, and various checkboxes for PKCE Extension, Default Scopes, and MFA. At the bottom, the 'Salesforce Configuration' section lists several URLs, with the 'Callback URL' field circled in red. The 'Callback URL' value is https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/callback/UHT_Salesforce_Auth. Other URLs include Test-Only Initialization URL, Existing User Linking URL, OAuth-Only Initialization URL, and Single Logout URL. At the bottom right of the configuration area are buttons for 'Edit', 'Delete', and 'Clone'.

URL Suffix	UHT_Salesforce_Auth
Consumer Key	3MVG9FotAY6PhRIE_eER3DePIRDcPjZjz0H5HTN6MgpUQKT75e4LYzic8ihq6CrQQYJhnc8.Y.H.ErK1zZ1f
Consumer Secret	Click to reveal
Authorize Endpoint URL	https://login.salesforce.com/services/oauth2/authorize
Token Endpoint URL	https://login.salesforce.com/services/oauth2/token
Use Proof Key for Code Exchange (PKCE) Extension	<input checked="" type="checkbox"/>
Default Scopes	full refresh_token
Include Consumer Secret in SOAP API Responses	<input checked="" type="checkbox"/>
Custom Error URL	
Custom Logout URL	
Registration Handler Type	None
Portal	
Icon URL	
Use Salesforce MFA for this SSO Provider	<input type="checkbox"/>
Salesforce Configuration	
Test-Only Initialization URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/test/UHT_Salesforce_Auth
Existing User Linking URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/link/UHT_Salesforce_Auth
OAuth-Only Initialization URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/oauth/UHT_Salesforce_Auth
Callback URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/callback/UHT_Salesforce_Auth
Single Logout URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com/services/auth/rp/oidc/logout

15. Copy the **Callback URL**. It will be needed in the next step.

Step 4.4: Update Connected App Callback URL

⚠ CRITICAL: This step links the Connected App to the Auth Provider. You will replace the placeholder URL from Step 4.2 with the actual callback URL generated by the Auth Provider.

1. Go to **Setup** → Quick Find: **App Manager**
2. Select **External Client App Manager**

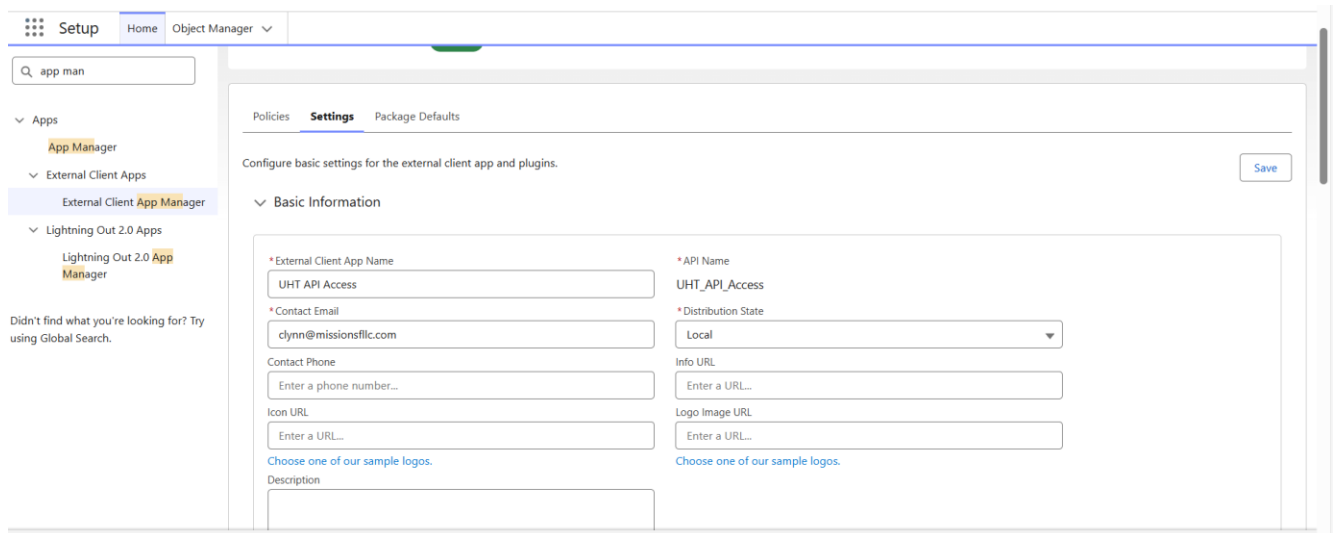
The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with 'app man' and a list of navigation items: 'Apps', 'App Manager', 'External Client Apps', 'External Client App Manager' (circled in red), and 'Lightning Out 2.0 Apps'. The main content area is titled 'Auth. Providers' and shows the configuration for 'UHT_Salesforce_Auth'. The configuration includes fields for Auth. Provider ID, Provider Type, Name, URL Suffix, Consumer Key, Consumer Secret, Authorize Endpoint URL, Token Endpoint URL, Use Proof Key for Code Exchange (PKCE) Extension, Default Scopes, Include Consumer Secret in SOAP API Responses, and Custom Error URL. Buttons for 'Edit', 'Delete', and 'Clone' are visible.

3. Find **UHT API Access** in the list. Click on the dropdown arrow on the right.

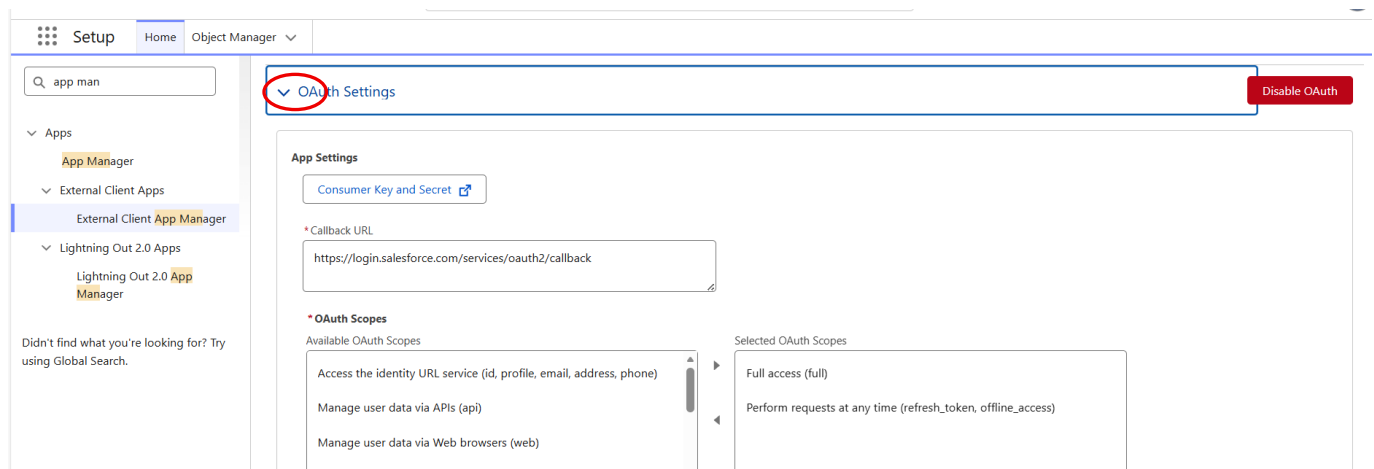
The screenshot shows the Salesforce Setup interface for 'External Client App Manager'. The left sidebar has a search bar with 'app man' and a list of navigation items: 'Apps', 'App Manager', 'External Client Apps', 'External Client App Manager' (highlighted), and 'Lightning Out 2.0 Apps'. The main content area shows a table with 1 item. The table has columns: 'External Client App Name', 'Contact Email', 'App Authorization', 'Type', and 'App Status'. The row contains: 'UHT API Access', 'clynn@missionsflc.com', 'All users can self-authorize', 'Local', and 'Enabled'. A dropdown arrow is circled in red on the right side of the table.

External Client App Name	Contact Email	App Authorization	Type	App Status
1 UHT API Access	clynn@missionsflc.com	All users can self-authorize	Local	Enabled

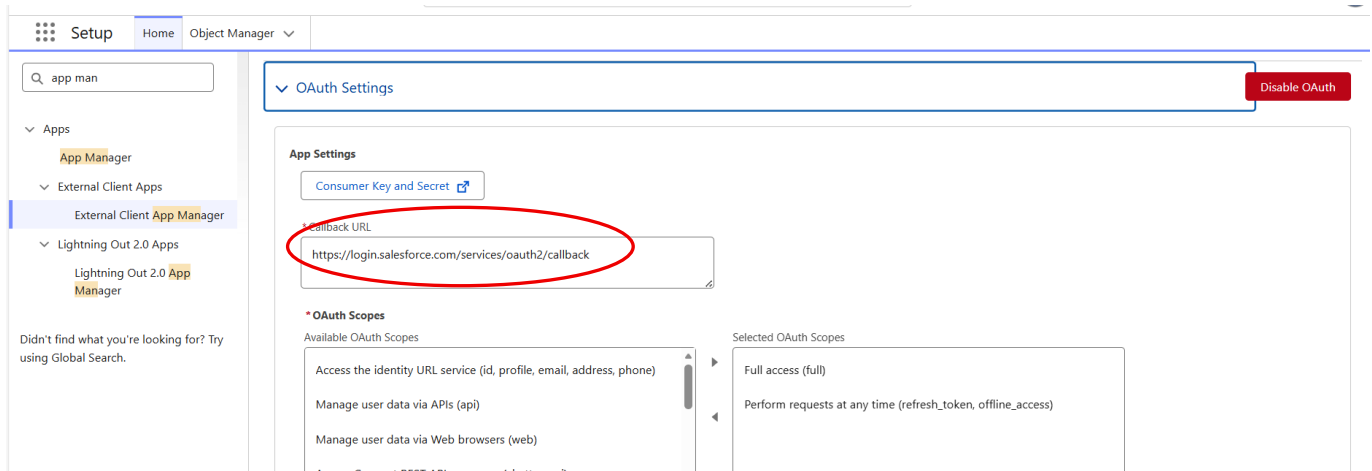
4. Click **Edit Settings**



5. Scroll down to the **OAuth Settings** section and open it.



6. In the **Callback URL** field, **delete** the placeholder URL. **Paste** the Auth Provider callback URL you copied from Step 4.3



7. Click **Save**

⚠ WAIT 2-3 MINUTES before proceeding to the next step. Salesforce needs time to propagate OAuth configuration changes. Skipping this wait will cause a `redirect_uri_mismatch` error when creating the Named Credential.

✓ Checkpoint: Connected App Callback URL matches Auth Provider Callback URL exactly

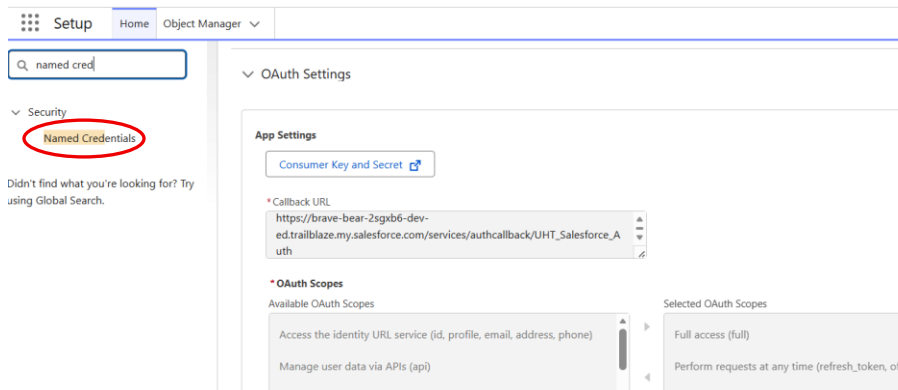
Step 4.5: Create Named Credential

The Named Credential allows UHT to make secure API calls using OAuth authentication.

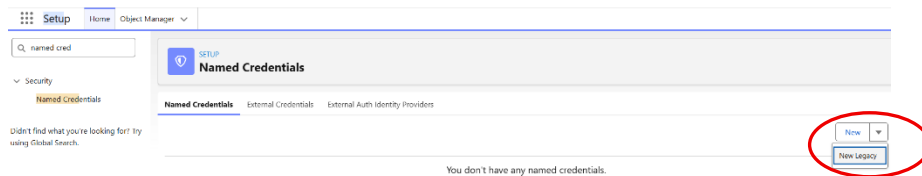
⚠ CRITICAL: The Named Credential must be named exactly `UHT_Self_Callout`. This name is required by the package.

Navigate to Named Credentials

1. Go to **Setup**
2. Quick Find: `Named Credentials`



3. Click **Named Credentials**
4. In the down arrow next to **New**, click **New Legacy** (note: if the only available option is **New**, then click **New**)



5. Fill in the form **exactly as shown**:

Field	Value
Label	UHT Self Callout
Name	UHT_Self_Callout
URL	Your org's My Domain URL (e.g., https://yourcompany.my.salesforce.com)
Identity Type	Named Principal
Authentication Protocol	OAuth 2.0
Authentication Provider	Select UHT_Salesforce_Auth
Scope	full refresh_token
Start Authentication Flow on Save	<input checked="" type="checkbox"/> Check this box

The screenshot shows the Salesforce Setup interface for creating a new named credential. The left sidebar shows the navigation menu with 'Setup' selected. The main content area is titled 'Named Credentials' and 'New Named Credential'. The form fields are as follows:

- Label: UHT Self Callout
- Name: UHT_Self_Callout
- URL: https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com
- Authentication section:
 - Certificate: (empty)
 - Identity Type: Named Principal
 - Authentication Protocol: OAuth 2.0
 - Authentication Provider: UHT_Salesforce_Auth
 - Scope: full refresh_token
 - Authentication Status: Pending
 - Start Authentication Flow on Save:

The 'Save' button is circled in red.

6. Click **Save**

7. A Salesforce login page opens in a new window/tab
8. Log in with your **Administrator credentials**
9. Click **Allow** when prompted to authorize access
10. Verify authentication. The **Authentication Status** field will show “Authenticated as *your username*”

The installation is now complete.

The screenshot shows the Salesforce Setup interface for 'Named Credentials'. The left sidebar contains navigation options like 'Setup Home', 'Salesforce Go', and 'Users'. The main content area displays the configuration for a named credential with the following details:

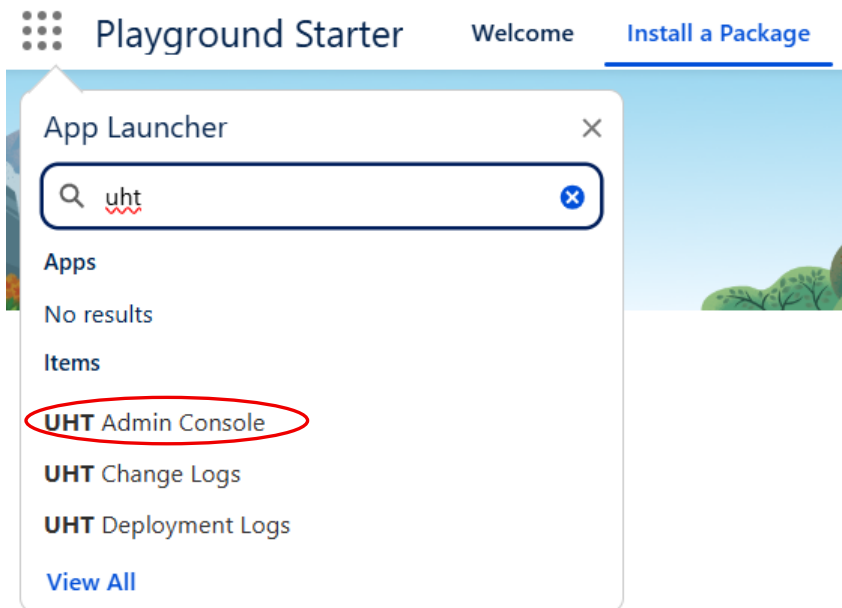
Label	UHT Self Callout
Name	UHT_Self_Callout
URL	https://brave-bear-2sgxb6-dev-ed.trailblaze.my.salesforce.com
Authentication	
Certificate	
Identity Type	Named Principal
Authentication Protocol	OAuth 2.0
Authentication Provider	UHT_Salesforce_Auth
Scope	full refresh_token
Authentication Status	Authenticated as clynn@brave-bear-2sgxb6.com

V. Configure Field Tracking

Now you can select which fields to track using the UHT Admin Console.

Open the Admin Console

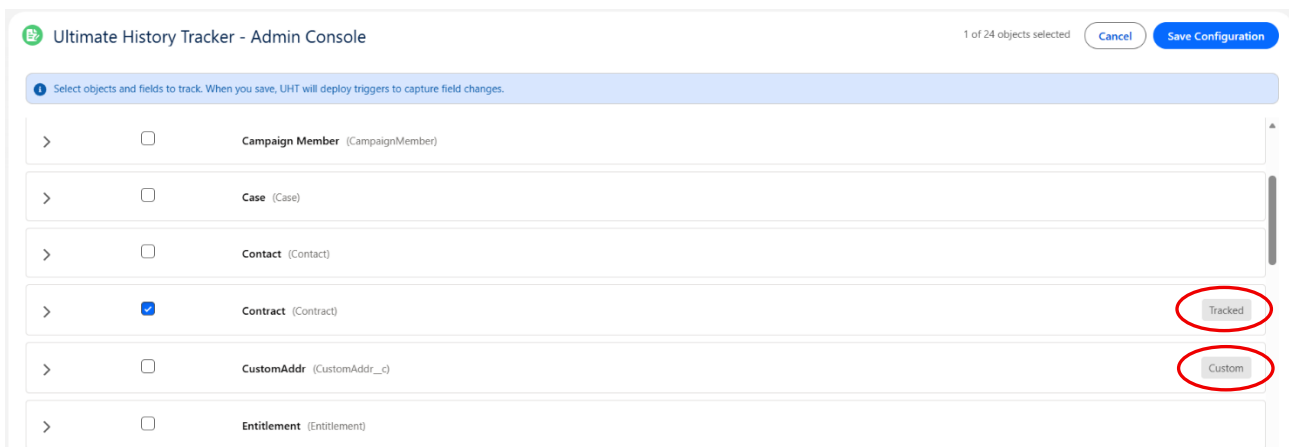
1. Click the **App Launcher** (9-dot grid icon in the top left)
2. Search for **UHT**
3. Click on **UHT Admin Console**



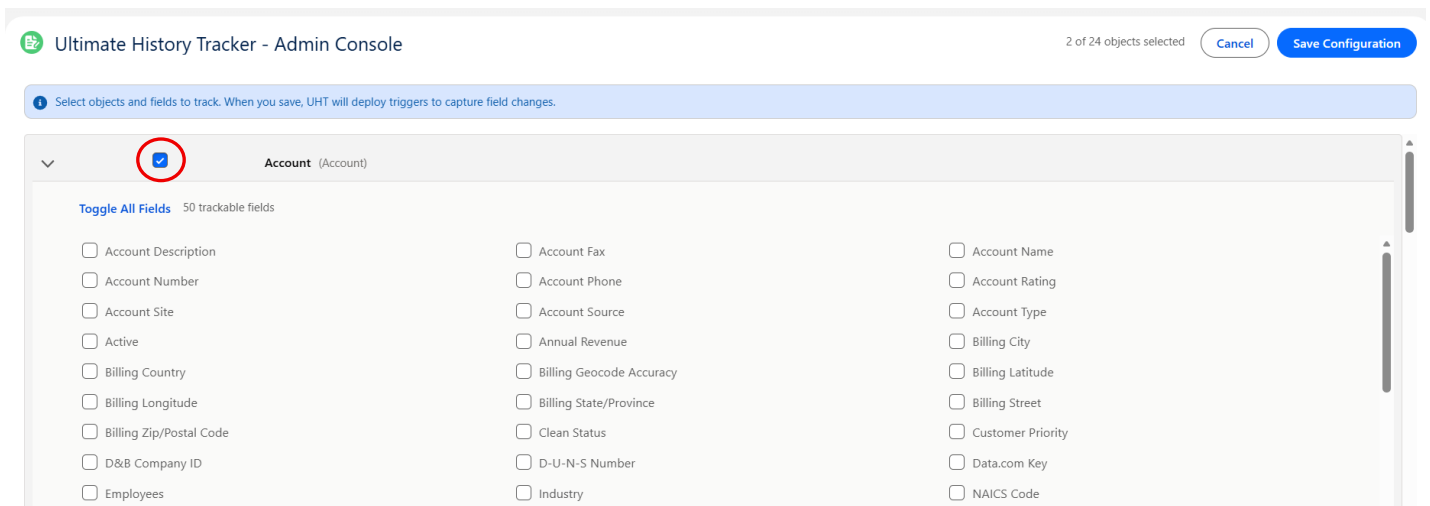
4. The Admin Console shows all trackable objects in your org.

Indicator	Meaning
Custom badge	This is a custom object
Tracked badge	UHT tracking is already configured for this object

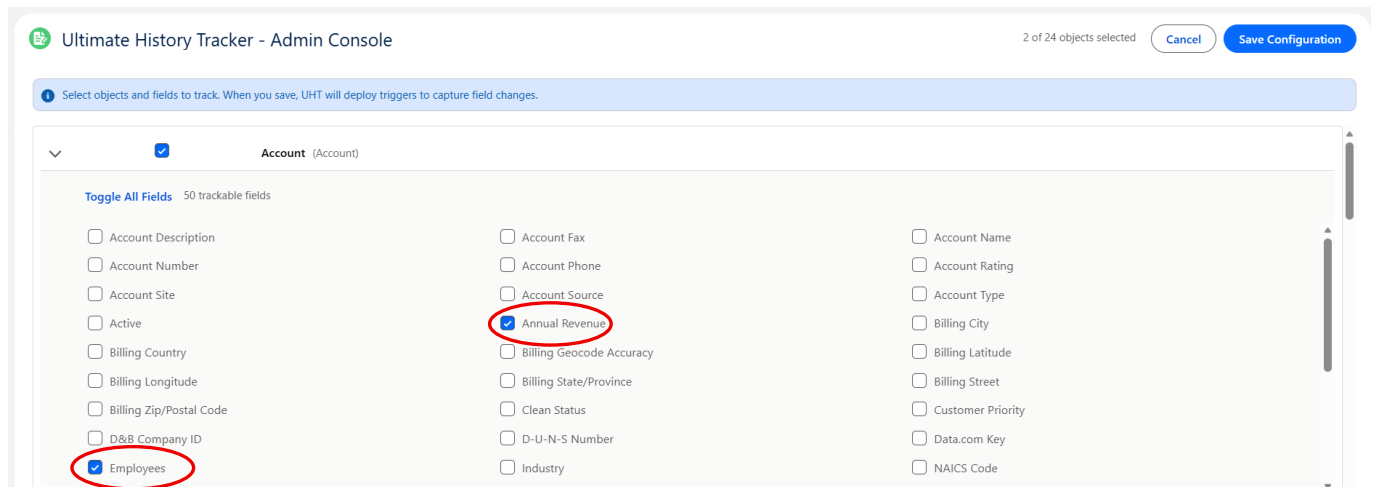
NOTE: For the screenshot below, **Contract** object was manually set to track to generate the “**Tracked**” badge as an example. And custom object **CustomAddr** was created to generate the “**Custom**” badge.



5. Check the checkbox next to each object you want to track. For the examples below, the **Account** object will be used.

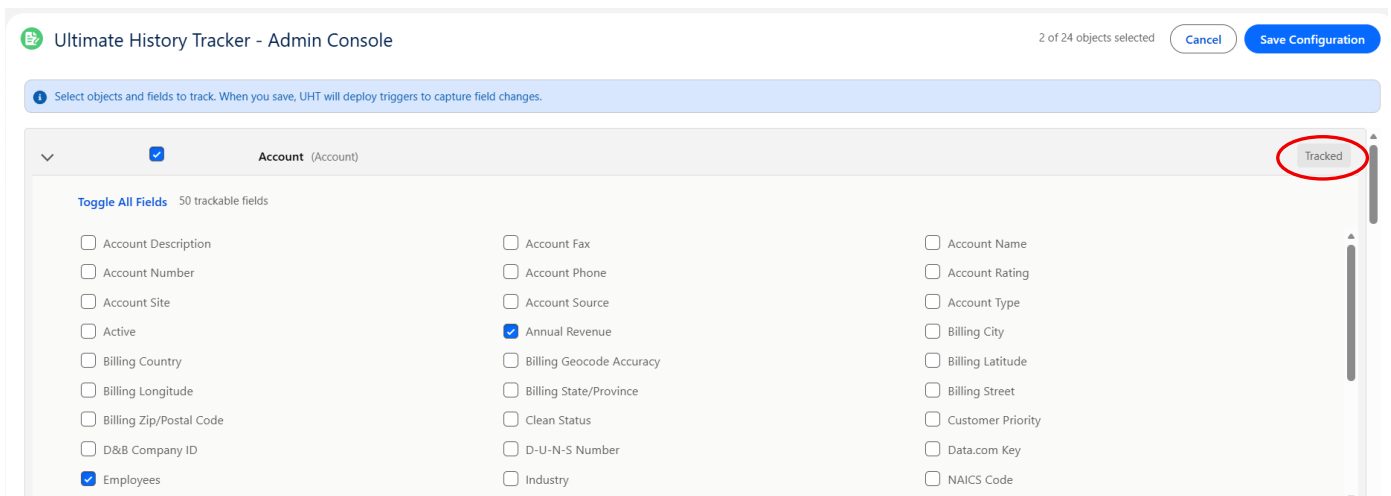


6. Select individual fields to track by checking their boxes



7. Repeat for each object

8. Click **Save Configuration**. A success message confirms the configuration is saved and, in this example, the Account object now has the “Tracked” badge.



What happens when you save:

- UHT creates tracking configuration metadata
- UHT automatically deploys Apex triggers for each selected object
- Triggers begin capturing field changes immediately

VI. Verification

Test Field Change Tracking

1. Navigate to a record for an object you configured (e.g., an Account)

The screenshot shows a web interface for managing accounts. At the top, there is a navigation bar with links: 'Playground Starter', 'Welcome', 'Install a Package', 'Get Your Login Credentials', '* UHT Admin Console', and '* Dickenson plc | Account'. Below the navigation bar, the account details for 'Dickenson plc' are displayed in a two-column table. Each row represents a field with its current value and an edit icon (pencil) to its right.

Field Name	Value	Edit Icon
Account Name	Dickenson plc	✎
Phone	(785) 241-6200	✎
Parent Account		✎
Fax	(785) 241-6201	✎
Account Number	CC634267	✎
Website	dickenson-consulting.com	✎
Account Site		✎
Ticker Symbol		✎
Type	Customer - Channel	✎
Ownership	Private	✎
Industry	Consulting	✎
Employees	120	✎
Annual Revenue	\$50,000,000	✎
SIC Code	6752	✎
Billing Address	1301 Hoch Drive Lawrence, KS 66045 USA	✎
Shipping Address	1301 Hoch Drive Lawrence, KS 66045 USA	✎

2. Edit a field you selected for tracking

This screenshot is identical to the one above, but with two fields highlighted in red circles to indicate they have been selected for tracking: 'Annual Revenue' (now \$1,235) and 'Employees' (now 89).

Field Name	Value	Edit Icon
Account Name	Dickenson plc	✎
Phone	(785) 241-6200	✎
Parent Account		✎
Fax	(785) 241-6201	✎
Account Number	CC634267	✎
Website	dickenson-consulting.com	✎
Account Site		✎
Ticker Symbol		✎
Type	Customer - Channel	✎
Ownership	Private	✎
Industry	Consulting	✎
Employees	89	✎
Annual Revenue	\$1,235	✎
SIC Code	6752	✎
Billing Address	1301 Hoch Drive Lawrence, KS 66045 USA	✎
Shipping Address	1301 Hoch Drive Lawrence, KS 66045 USA	✎

3. Save the record.

4. Click the **App Launcher**
5. Search for **UHT Change Log**
6. Open **UHT Change Logs** tab and select **All** as the view

UHT Change Log...	Tracked Object	Tracked Field	Old Value	New Value	Created By	Change Timestamp
1 UHT-00000	Account	AnnualRevenue	50000000	1235	Christopher Lynn	2/12/2026, 7:30 PM
2 UHT-00001	Account	NumberOfEmployees	120	89	Christopher Lynn	2/12/2026, 7:30 PM

7. Go to **Setup** → Quick Find: **Apex Triggers**
8. Confirm triggers exist for your tracked objects:
 - ◆ **UHTAccountTrigger**
 - ◆ **UHTContractTrigger**

Apex Triggers

This page allows you to view and modify all the triggers in your organization. To create a new trigger, navigate to the appropriate sObject triggers page.

Percent of Apex Used: 0%
You are currently using 299 characters of Apex Code (excluding comments and @isTest annotated classes) in your organization, out of an allowed limit of 6,000,000 characters. Note that the amount in use includes both Apex Classes and Triggers defined in your organization.

Compile all triggers

View: All

Action	Name	Namespace Prefix	sObject Type	Api Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
	UHT_DeploymentPollTrigger	missionsf	UHT_Deployment_Poll_Event	65.0	Active	671	Christopher Lynn, 2/12/2026, 12:48 PM	<input type="checkbox"/>
Edit Del	UHTAccountTrigger		Account	65.0	Active	148	Christopher Lynn, 2/12/2026, 7:24 PM	<input type="checkbox"/>
Edit Del	UHTContractTrigger		Contract	65.0	Active	151	Christopher Lynn, 2/12/2026, 7:16 PM	<input type="checkbox"/>

VII. Troubleshooting

1. "New External Client App" button is not Visible or is Disabled.

- **Cause:** Connected App creation is disabled in your org.

Solution:

- a. Repeat steps 1-5 in section 4.2
 - b. Go to **Setup** → In left sidebar: **Apps** → **External Client Apps** → **Settings**
 - c. Under **Connected Apps**, toggle **Allow creation of connected apps** to **On**
 - d. Return to App Manager and try again
-

2. Named Credential Shows "Pending" or "Not Authenticated"

- **Cause:** Callback URL mismatch between Connected App and Auth Provider.

Solution:

- a. Go to **Setup** → **Auth. Providers** → **UHT_Salesforce_Auth**
 - b. Copy the **Callback URL** from Salesforce Configuration section
 - c. Go to **Setup** → **App Manager** → **UHT API Access** → **Edit Settings**
 - d. Paste the Callback URL into the Callback URL field
 - e. Save and wait 2-3 minutes
 - f. Delete the Named Credential and recreate it (Step 4.5)
-

3. "redirect_uri_mismatch" Error

- **Cause:** Either the Connected App Callback URL doesn't match Auth Provider, OR you didn't wait long enough after updating the Connected App.

Solution:

a. **First, verify URLs match exactly:**

- Go to **Setup** → **Auth. Providers** → **UHT_Salesforce_Auth**
- Copy the **Callback URL** from Salesforce Configuration section
- Go to **Setup** → **App Manager** → **UHT API Access** → **View**
- Compare the Callback URLs character by character

b. **If URLs match but error persists:**

- Wait **at least 3 minutes** after saving the Connected App
- Delete the failed Named Credential
- Recreate it following Step 4.5

4. Trigger Deployment Failed

- **Cause:** Usually means Named Credential is not properly configured, or there was a deployment error.

Solution:

a. Verify Named Credential shows "Authenticated as [username]"

b. If not authenticated, re-authenticate:

- a. Edit the Named Credential
- b. Check "Start Authentication Flow on Save"
- c. Save and complete the OAuth flow

c. Check the **UHT Deployment Log** for error details:

- a. Click the **App Launcher** → Search for UHT Deployment Log
- b. Look at the most recent records
- c. Check the **Status** and **Error Message** fields

d. Return to UHT Admin Console

e. Uncheck and re-check the object

f. Save again

5. Configuration Saved But No Trigger Deployed

- **Cause:** The deployment job ran but encountered an error.

Solution:

- Go to **Setup** → Quick Find:
- Look for recent jobs with Apex Class or
- Check if status is "Completed" or "Failed"
- Check **UHT Deployment Log** records for error messages:

apex

// Run in Developer Console → Execute Anonymous:

```
List<missionsf__UHT_Deployment_Log__c> logs = [  
    SELECT missionsf_Object_Name__c, missionsf_Status__c,  
        missionsf_Error_Message__c, CreatedDate  
    FROM missionsf__UHT_Deployment_Log__c  
    ORDER BY CreatedDate DESC LIMIT 5  
];  
System.debug(JSON.serializePretty(logs));
```

- e. Review the error message and contact support if needed
-

6. "INVALID_SESSION_ID" or "Callout loop not allowed" Errors

- **Cause:** These are handled internally by UHT.

Solution: No action needed. The trigger deployment still succeeds. Refresh the page and verify the trigger was deployed.

7. Popup Blocked During Named Credential Setup

- **Cause:** Browser is blocking the OAuth popup window.

Solution:

- a. Look for a popup blocked icon in your browser's address bar
 - b. Click it and allow popups for Salesforce
 - c. Edit the Named Credential
 - d. Check "Start Authentication Flow on Save"
 - e. Save again
-

VIII. Changes Not Being Tracked

- **Possible causes:**

1. Trigger not deployed
2. Field not selected for tracking

Solution:

- a. Verify trigger exists: **Setup** → **Apex Triggers** → Look for UHT[Object]Trigger
 - b. Verify field is tracked: Open UHT Admin Console → Expand object → Confirm field is checked
 - c. If trigger is missing, uncheck and re-check the object in Admin Console, then Save again
-

8. Quick Reference Checklist

Use this checklist to verify all configuration steps are complete:

Installation

- Package installed from AppExchange/URL
- Package visible in Installed Packages with namespace `missionsf`
- UHT Admin** permission set assigned to your user

Remote Site Setting

- Remote Site Setting created (`UHT_Metadata_API`)
- Remote Site URL points to your org's My Domain URL
- Remote Site is Active

OAuth Configuration

- External Client App Settings: "Allow creation of connected apps" is On (if applicable)
- Connected App created (`UHT_API_Access`)
- Consumer Key and Secret retrieved
- Auth Provider created (`UHT_Salesforce_Auth`)
- Connected App Callback URL updated to match Auth Provider
- Waited 2-3 minutes after updating Callback URL

Named Credential

- Named Credential created with exact name: `UHT_Self_Callout`
- Named Credential shows "Authenticated as [username]"

Field Tracking

- UHT Admin Console opened successfully
- Objects selected for tracking
- Fields selected within each object
- Configuration saved successfully

Verification

- Test record edited
 - Change Log record created with correct values
 - Triggers visible in Setup → Apex Triggers (named `UHT[Object]Trigger`)
-

Support

For questions or issues, please reach out to Support@Missionsflc.com

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