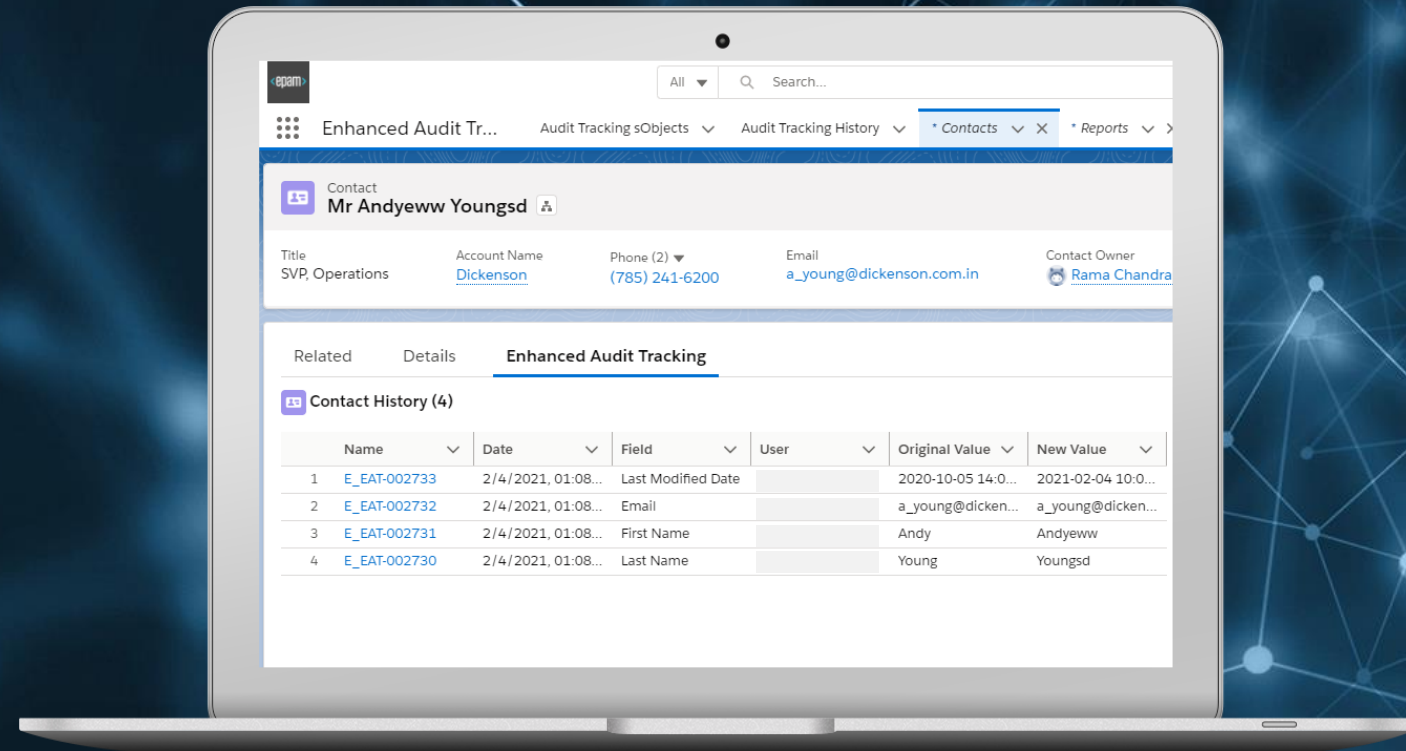




Enhanced Audit Tracking

User Guide



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Enhanced Audit Tracking Capabilities



Enabling the Enhanced Audit Tracking

1. Launch **Enhanced Audit Tracking** from App Launcher
2. Open **Audit Tracking sObjects**
3. Click **New** button
4. Enter the **sObject details** and the time frame to store the tracking data

API Name:

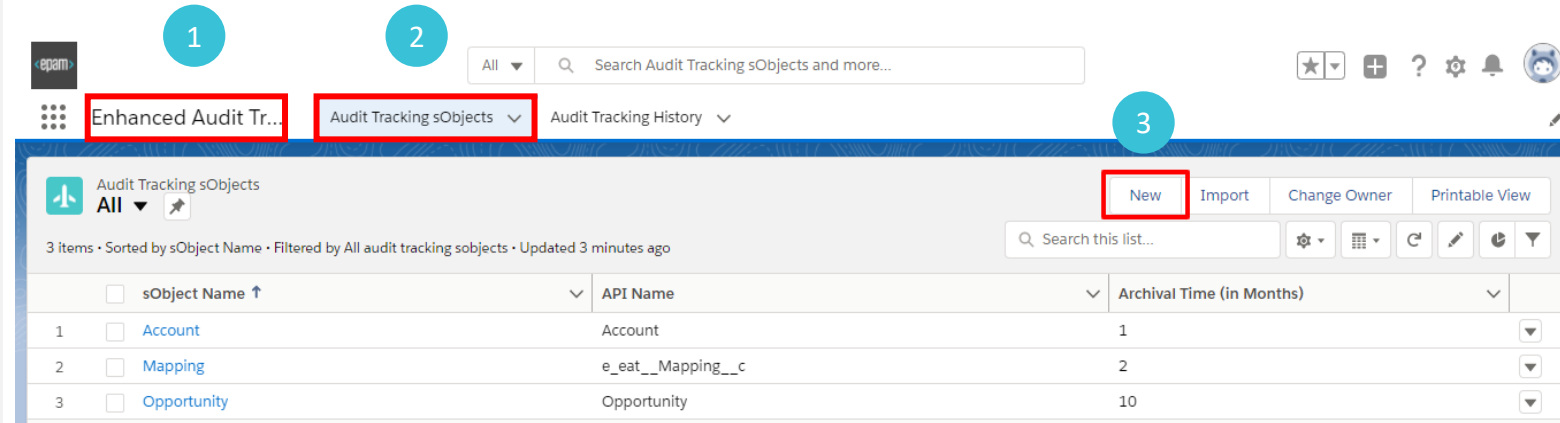
API Name of the sObject . If you do not know the sObject API name, please contact your System Administrator for help

Note: It should match exactly with the sObject API Name, e.g. Account, Mapping__c, etc.

Archival Time (in Months):

Time frame to store the data in the org

Note: Give the number in months, which specifies the archival time for the specific sObject



The screenshot shows the 'New Audit Tracking sObject' form. The form has a title 'New Audit Tracking sObject' and a subtitle '* = Required Information'. The form is divided into sections: 'Information' and 'Owner'. The 'Information' section contains fields for: '*sObject Name' (required), 'API Name', 'Archival Time (in Months)', and 'Sensitive Field Update Notification User' (with an information icon). The 'Owner' section contains a field for the owner's name. A red box labeled '4' highlights the '*sObject Name' field. A red box labeled '5' highlights the 'API Name' field. A red box labeled '6' highlights the 'Archival Time (in Months)' field. A red box labeled '7' highlights the 'Sensitive Field Update Notification User' field. A red box labeled '8' highlights the 'Owner' field. A red box labeled '9' highlights the 'Save' button. A red box labeled '10' highlights the 'Save & New' button. A red box labeled '11' highlights the 'Cancel' button. A red box labeled '12' highlights the 'Public Group ID, who will receive the notifications upon Sensitive field changes' text.

Mapping Builder

1. Click on **Mapping Builder** in Audit Tracking sObject to choose the fields that needs to be tracked
2. Search for the field which you wish to add to the template
3. Select the checkbox to enable the field for tracking. Uncheck the checkbox to disable the field tracking. Enabling or disabling will be automatically saved based on your selection
4. Now field tracking is enabled, and we need to add the page in the respective object to see the tracked history data

The screenshot shows the Salesforce Mapping Builder interface for the 'Account' sObject. The 'Mapping Builder' tab is selected and highlighted with a red box. Below the tabs, the section 'Available fields for Account' is visible, with a note: 'Please select/de-select the checkbox to add/remove the mapping fields'. A search bar is present with the text 'Search by Label, API Name Or Data Type'. Below the search bar, there are three field cards. The first card for 'Account Number' has its tracking checkbox checked (highlighted with a red box) and its 'Is Sensitive?' checkbox also checked (highlighted with a red box). A callout box points to the 'Is Sensitive?' checkbox with the text 'To get notified when field is changed'. The second card for 'Annual Revenue' has its tracking checkbox checked and 'Is Sensitive?' unchecked. The third card for 'Billing Address' has its tracking checkbox checked and 'Is Sensitive?' unchecked. A dark grey callout box with white text 'To enable tracking' points to the first checkbox.

To enable tracking

To get notified when field is changed

Field	Tracking	Is Sensitive?
Account Number	☒	☒
Annual Revenue	☒	☐
Billing Address	☒	☐

Manual Steps for Enabling Notifications

1. Create a Public Group with list of users who will receive the notifications and place the Id in ' Sensitive Field Update Notification User ' field while enabling the tracking
2. Create a 'Custom Notification' record and make sure that the API name is 'Sensitive_Field_Modified'

New Audit Tracking sObject

* = Required Information

Information

* sObject Name

Owner 

Complete this field.

API Name

Archival Time (in Months)

Sensitive Field Update Notification User

Public Group ID, who will receive the notifications upon Sensitive field changes

New Custom Notification Type

* Custom Notification Name

* API Name

Supported Channels

☒ Desktop

☒ Mobile

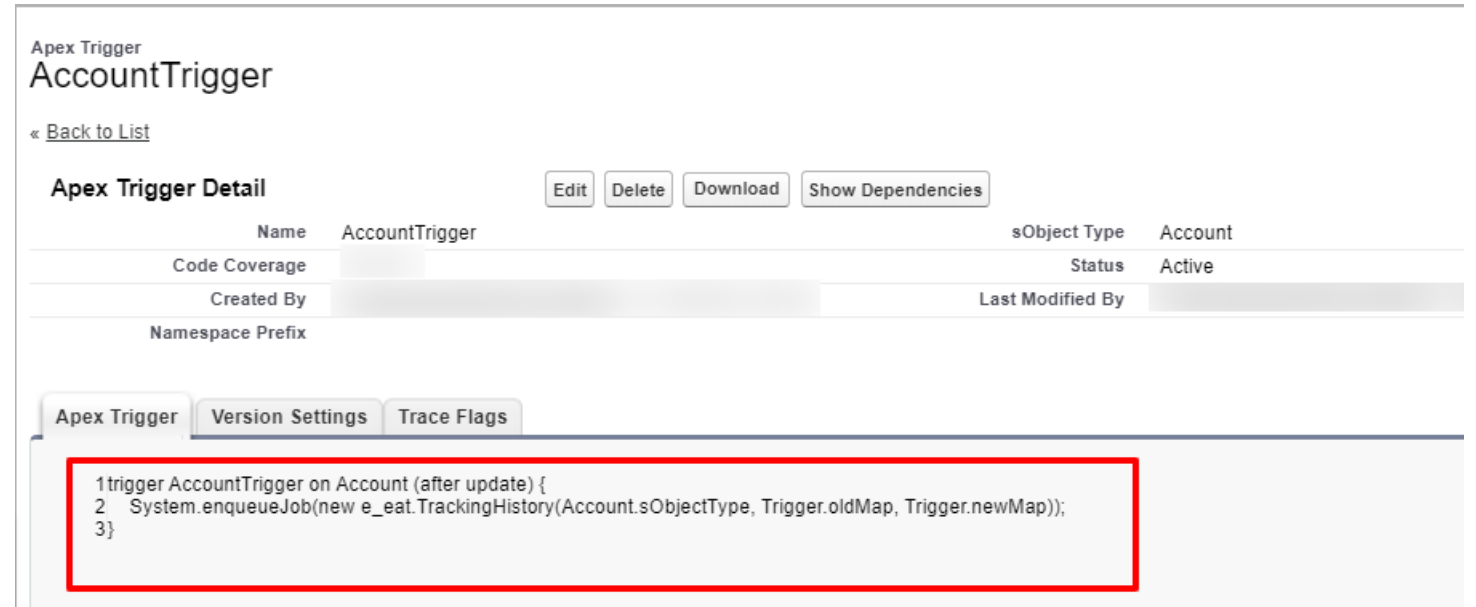
Enabling the logic in Trigger

1. Go to the respective object for which you have enabled the Audit tracking history
2. Create / Edit a trigger (after update event) for this object and include the below logic in the trigger:

```
System.enqueueJob(new  
e_eat.TrackingHistory(Account.sObjectType,  
Trigger.oldMap, Trigger.newMap));
```

Note: Here in place of Account, please replace it with the respective object's API Name

Note: Please have trigger logic in lower sandboxes with proper code coverage, as triggers require code coverage for deployment to Production. Consider to squeeze the specified trigger logic in the existing trigger (if the trigger already exists)



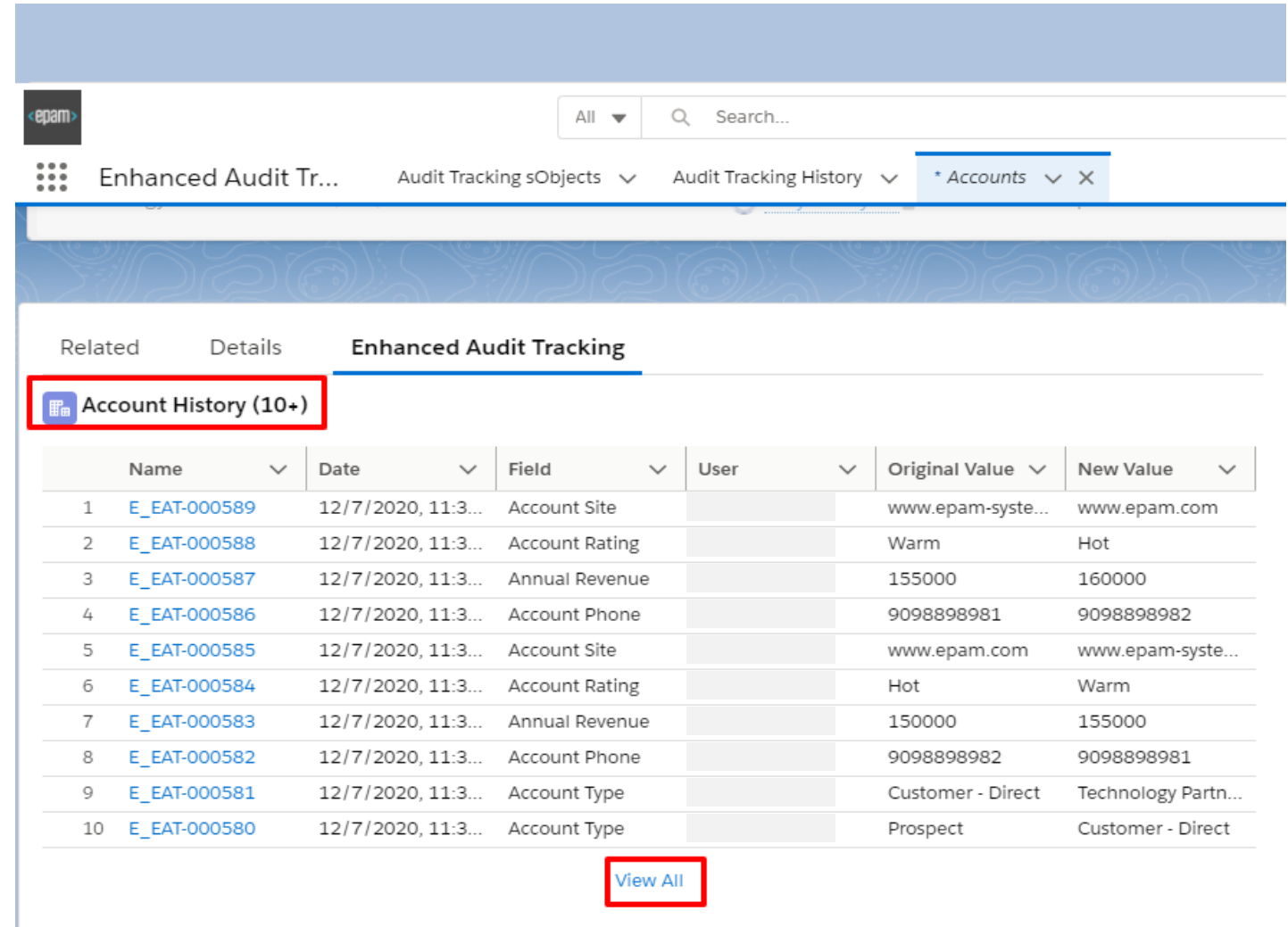
The screenshot shows the Salesforce interface for an Apex Trigger named 'AccountTrigger'. At the top, there's a header 'Apex Trigger AccountTrigger' with a 'Back to List' link. Below this, there's a section 'Apex Trigger Detail' with buttons for 'Edit', 'Delete', 'Download', and 'Show Dependencies'. A table below shows details: Name (AccountTrigger), sObject Type (Account), Code Coverage (a bar chart), Status (Active), Created By (a user name), and Last Modified By (a user name). Below the table, there's a 'Namespace Prefix' field. At the bottom, there are tabs for 'Apex Trigger', 'Version Settings', and 'Trace Flags'. The 'Apex Trigger' tab is selected, showing the trigger code in a text area, which is highlighted with a red border. The code is as follows:

```
1 trigger AccountTrigger on Account (after update) {  
2   System.enqueueJob(new e_eat.TrackingHistory(Account.sObjectType, Trigger.oldMap, Trigger.newMap));  
3 }
```

View Tracking History

Update the specific field (for which you have enabled the tracking) and then under 'Enhanced Audit Tracking' history page you will be able to see the changes.

- If there are more than 10 records in the history page, then you can click on 'View All' to see all the records
- You can sort the data on any column to sort the data



The screenshot displays the Salesforce interface for 'Enhanced Audit Tracking'. The top navigation bar includes the 'epam' logo, a search bar, and a dropdown menu with 'Accounts' selected. Below the navigation bar, the 'Enhanced Audit Tracking' section is active, showing a list of account history records. A red box highlights the 'Account History (10+)' link. The table below lists 10 records with columns for Name, Date, Field, User, Original Value, and New Value. A red box also highlights the 'View All' link at the bottom right of the table.

	Name	Date	Field	User	Original Value	New Value
1	E_EAT-000589	12/7/2020, 11:3...	Account Site		www.epam-syste...	www.epam.com
2	E_EAT-000588	12/7/2020, 11:3...	Account Rating		Warm	Hot
3	E_EAT-000587	12/7/2020, 11:3...	Annual Revenue		155000	160000
4	E_EAT-000586	12/7/2020, 11:3...	Account Phone		9098898981	9098898982
5	E_EAT-000585	12/7/2020, 11:3...	Account Site		www.epam.com	www.epam-syste...
6	E_EAT-000584	12/7/2020, 11:3...	Account Rating		Hot	Warm
7	E_EAT-000583	12/7/2020, 11:3...	Annual Revenue		150000	155000
8	E_EAT-000582	12/7/2020, 11:3...	Account Phone		9098898982	9098898981
9	E_EAT-000581	12/7/2020, 11:3...	Account Type		Customer - Direct	Technology Partn...
10	E_EAT-000580	12/7/2020, 11:3...	Account Type		Prospect	Customer - Direct



<epam>

Thank you!

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