

# Release Notes

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Enhanced Attachment v3.0

## Release Features

### Features Overview

Enhanced Attachment v3.0 introduces support for using Salesforce Files for customers who wish to switch file storage to Files instead of the standard Attachments object. Attached files can now be encrypted using AES 256 keys which will allow confidential documents to be stored and remain encrypted even after the file is downloaded to a user's local computer.

### Salesforce Files Support

Files uploaded via Enhanced Attachment app is stored using the standard Attachment object. As Notes and Attachments are being deprecated by Salesforce and eventually be replaced with Files, support for storage using Files is now available. To switch over to Salesforce Files, navigate to the Attachment Settings tab and set the **Use Salesforce Files** option to **Yes** and click on the **Save** button. Existing attachment files will remain stored under the attachment object until a new version of the file is uploaded, however, new files uploaded (including attachment migration) and attachment versions will be stored using Files after the setting has been enabled. See the Admin guide for version 3.0 for further details.

### File Encryption

Files **1 MB in size or less** can now be encrypted when uploaded via Enhanced Attachment. To enable encryption of files navigate to the **Attachment Settings** tab and set the **Enable Encryption** setting to **Yes**. Encryption key can be generated via the new Enhanced Attachment Keys tab. All keys are stored in the new Enhanced Attachment Key custom object and stored in a [Text \(Encrypted\)](#) field. Keys are generated using AES 256. Using the selected active key, all files are encrypted and decrypted using the `encryptWithManagedIV` and `decryptWithManagedIV` [Apex Crypto class](#) methods.

## Bug Fixes

### Broken Download Link on Enhanced Attachment View Page

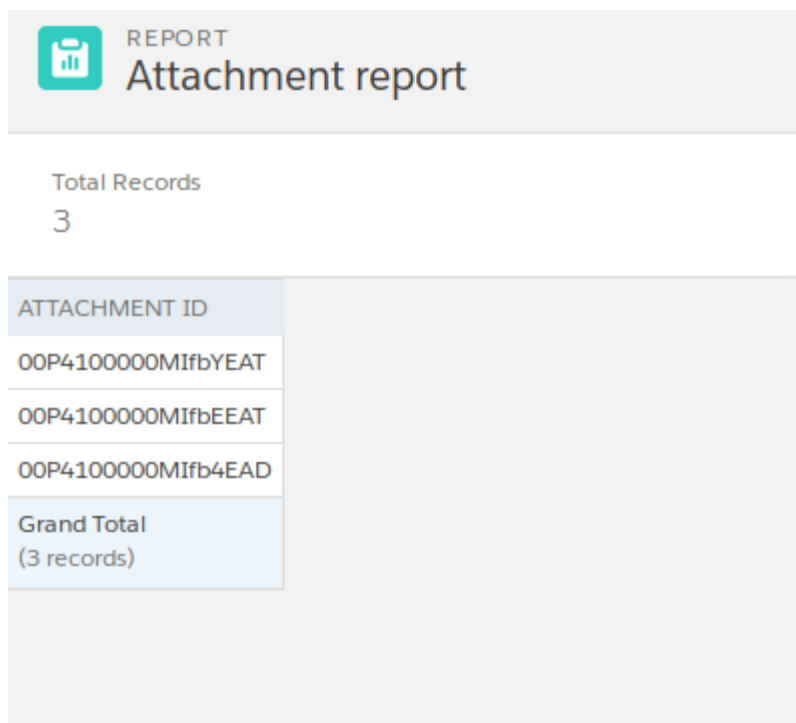
Download links on view pages on attachment records were reported where links did not include the underlying attachment object record Id. The workaround is use the Current File link from the Edit page in order to download the attached file. This issue has now been fixed in Version 3.0.

### Visualforce View State Size Error when viewing attachments with size greater than 135 KB

When uploading or viewing attachments with file sizes 135 KB or greater users may encounter a Visualforce view state error. Version 3 has now fixed this issue.

### Attachment set as private even if user has read/write access to Enhanced Attachment object

Previous versions of the Enhanced Attachment app set attachment records as private when using Notes and Attachments as the underlying file storage. This release resolves the issue going forward. Users will have to edit and re-upload files in order to store the attachment as not private.

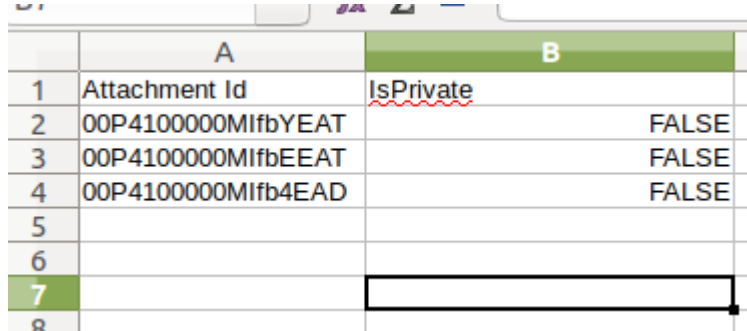


The screenshot shows a Salesforce report interface. At the top, there is a header with a green icon and the text 'REPORT Attachment report'. Below the header, it displays 'Total Records 3'. A table follows with three rows of Attachment IDs and a 'Grand Total' row. The table is partially obscured by a grey box on the right side of the page.

ATTACHMENT ID
00P4100000MIfbYEAT
00P4100000MIfbEEAT
00P4100000MIfb4EAD
Grand Total (3 records)

To fix any existing attachments with issues, export a Salesforce report against the Enhanced Attachment object or export record using Apex Data Loader and select the Attachment Id field. Export the file in csv format.

From the csv file add an additional column with header as "IsPrivate". Set each cell in the column to the value of **FALSE**.



	A	B
1	Attachment Id	IsPrivate
2	00P4100000MifbYEAT	FALSE
3	00P4100000MifbEEAT	FALSE
4	00P4100000Mifb4EAD	FALSE
5		
6		
7		
8		

Save the csv file use it to perform an update to the existing attachment records using Apex Data Loader.

Any question please contact us via [support@adviceforce.com](mailto:support@adviceforce.com).

## Additional Updates

### Change in download link functionality

Prior to version 2.0, clicking file download links immediately initiates the download process. In version 3.0, clicking on file download links will open a new page with a download button. Users will have to click on the Download button now to initiate the download.

### Enhanced Attachment Download Object

To accommodate file encryption and decryption, download files are temporarily stored as an attachment of a separate object. These temporary object records and files are cleaned-up and removed every fifteen minutes via a scheduled batch jobs. Deletion of these records do not impact the primary Enhanced Attachment records and underlying stored files.

### “None” value now added as default Attachment Category

None is now included in the Attachment Category drop-down list instead of displaying the initial category added from the Attachment Category tab.