

# Adobe Experience Cloud release notes - January 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

- Release date: January 2019
- [Experience Cloud core services and administration](#)
- [Analytics](#)
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- [Experience Manager](#)
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- [Target](#) - links to solution help
- [Primetime](#) - links to solution help

## Experience Cloud core services and administration

Release notes for the Experience Cloud interface, including Platform core services and product administration.

- [Experience Cloud interface](#)
- [Launch](#) - links to product help
- [ID Service](#)
- [Mobile Services and Mobile SDK](#)

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## Experience Cloud interface

Features and fixes in the Experience Cloud interface.

### Release 19.1.1

**Note:** In March 2019, The Experience Cloud interface will not support Internet Explorer 11.

### Fixes

- Fixed an issue preventing the help search from returning results. (MCUI-1670)
- Fixed and improved eVar management in Triggers. (MCUI-6400)

## ID Service

Improvements and fixes for the Experience Cloud ID service.

- Fixed an issue where values set on `disableidSyncs` parameter for `getInstance` function are now being honored.
- Fixed issue of third-party iFrames not getting ECID, including Safari Mobil.

For product documentation, see [Experience Cloud ID service](#).

## Mobile Services and Mobile SDK

New features, updates, and fixes to Mobile Services.

### Android v4.17.2

Adobe Target: Fixed a crashing issue caused by the SDK and app code when simultaneously attempting to iterate the input List of the `loadRequests` method.

### iOS v4.18.0

- Configuration: Added a new API to allow overriding internal `NSURLSession` parameters.
- Adobe Target: Fixed a crashing bug caused when multiple `loadRequests` calls were being made consecutively in environments with poor network connectivity.
- In-App Messaging: Fixed an issue that would sometimes allow show-once local notifications to show more than once if their conditions were triggered quickly in succession.

For product documentation, see [Mobile Services](#).

For more information about the Mobile SDKs, see: [Android SDK 4.x for Experience Solutions](#) and [iOS SDK 4.x for Experience Cloud Solutions](#).

## Analytics

Release date: **January 17, 2019**

New features and fixes in Adobe Analytics:

- [Analysis Workspace](#)
- [Important notices for Analytics administrators](#)

For product documentation, see [Analytics Help Home](#).

### Analysis Workspace

Features and fixes in Analysis Workspace.

### Cohort Analysis

Major improvements to Cohort Analysis let you:

- Apply a segment inclusion and return metrics separately.
- Show churn instead of retention.
- Show latency tables (time elapsed before and after an inclusion event).
- Customize cohort dimension (to group visitors based on an eVar, not just time).
- Rolling cohort calculation: calculate retention and churn based on prior time period, not original cohort.
- Add in multiple metrics in inclusion and return fields, as well as apply segments. (Calculated metrics are not supported.)

### View Density

This new setting lets you see more data on a single screen by reducing the vertical padding of the left rail, in freeform tables, and in cohort tables.

This setting is accessible via **Project > Project Info & Settings**.

### Support for multi-valued variables in Attribution IQ

Some dimensions in Analytics can contain multiple values on a single hit, such as listVars, the product variable, list props, or merchandising eVars. Analysis Workspace lets you apply Attribution IQ to any of these types of variables at the hit level.

### Marketing Channels enhancements

We now expose the AMO ID and AMO EF ID to the marketing channels processing rule. These are the primary and secondary tracking codes used by the Advertising Cloud and Advertising Analytics integrations.

### Performance improvements

Speed improvements to breakdown visualizations. For example, projects with multiple breakdowns load faster.

### Fixes in Analysis Workspace

- Fixed an issue where internal segment definitions created by dropping components into the panel drop zone did not persist across sessions. (AN-172110)
- Fixed an issue with edits to visualization labels not getting saved. (AN-171119, AN-170287, AN-169721)
- Fixed performance issues with Analysis Workspace, especially with projects containing multiple line visualizations. (AN-169916, AN-169691, AN-167120, AN-168082)
- Fixed an issue with the **Try in Workspace** option in Reports & Analytics: segments got dropped and did not appear in the corresponding Workspace project. (AN-169491)
- Fixed an issue with calculated metrics returning errors when there were multiple date ranges on the project. (AN-169057)
- Fixed an issue with breakdown data not updating when the topmost table was collapsed and the date range was changed. (AN-168695)

### Other Analytics fixes

- Admin: Fixed an issue that prevented non-admins from being able to create processing rules, even though they were assigned the proper rights. (AN-170690)
- Admin: Fixed an issue with being unable to adjust the number of allocated scheduled Report Builder reports a user can run. (AN-168949)
- Admin: Fixed an issue that occurred when creating a new report suite based on another report suite. Some unexpected settings were copied. (AN-172395)
- Admin: Fixed an issue that prevented users from downloading the template report suite settings. (AN-171092)
- Fixed performance issues with logging in to Analytics via the Experience Cloud. (AN-169254)
- Fixed an issue with the search function in Reports & Analytics not working properly. (AN-170354)
- Fixed an issue with the Mobile Device ID dimension, which resulted in permissions errors. (AN-169728)
- Fixed an issue where reports that were accessed using short links and which had ampersands in the search filter lost some filter information. (AN-167151)
- Fixed an issue that caused blank visualizations in the panels of downloadable reports. (AN-171273)
- Fixed an issue that resulted in failed delivery of scheduled HTML reports that contained date comparisons. (AN-168990)

- Fixed an issue that prevented segments from being edited. (AN-172307, AN-169785)
- Fixed an issue with the phone number request in the traffic spike request UI. The phone number field has been removed. (AN-170992)
- Fixed an issue that caused users to be redirected to the wrong URL after logging out of the Admin Console. They are now being redirected to the Admin Console login. (AN-167880)
- Fixed an issue that prevented users from saving changes to Virtual Report Suites that were tied to deleted segments. (AN-168906)
- Fixed an issue that caused participation metrics to cease working with list variables in Ad Hoc Analysis. (AN-166027)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
Short Analytics report links	January 14, 2019	Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.
End of Support for TLS 1.0	Updated January 10, 2019	On February 11, 2019 Adobe Analytics reporting will no longer support TLS (Transport Layer Security) 1.0 encryption. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a> . Beginning February 20, 2019 Adobe Analytics data collection will no longer support TLS 1.0. With this change, Adobe will no longer collect Analytics data

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		<p>from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API will no longer support TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted. API clients using Java 7 with default settings will need modifications to support TLS 1.2. (Refer to Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2.) API clients using Java 8 should not be impacted because the default setting is TLS 1.2. API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</p>

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Data Feed: post_product_list column - size change	January 9, 2019	On February 7, 2019, Adobe plans to expand the size of the post_product_list column from 64 KB to 16 MB. This change is intended to ensure that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Dallas FTP server migration (ftp2.omniture.com)	October 19, 2018	On October 23, 2018, if you connect to ftp2.omniture.com via the SFTP protocol, you might be required to re-accept the SJ1 site's host identifier. This issue applies only to October 23. See <a href="#">Upgrading Adobe FTP Servers</a> .
Update to Mobile Device dimension	October 16, 2018	On September 26, Adobe updated its device lookup to Device Atlas's 2.1 API. This caused more detailed devices (e.g. Apple iPhone 7, Apple iPhone 8 Plus, etc.) to appear in the Mobile Device dimension for some browsers. This new level of device detail should be used directionally as is does not extend to all devices and browser types at this time.



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End of support for Internet Explorer 11	Sept. 12, 2018	Adobe will end support for Internet Explorer 11 within Adobe Analytics on November 13, 2018. Please switch to Microsoft Edge or another supported browser as soon as possible.
End of life for Ad Hoc Analysis	August 9, 2018	On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available. For more information, visit <a href="#">Discover Workspace</a> . We will not modify Ad Hoc Analysis to support Java 9+ from this point forward. If you upgrade to Java 9+, Ad Hoc Analysis will cease to function. Only Java 8 will be supported.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder (ARB) users download ARB v5.6.21 prior to February 2019. After that date, prior versions of ARB will no longer function.
New help for the Analytics user migration	May 10, 2018	We updated the Analytics user ID migration help with information about migrating Enterprise and Federated IDs to the Admin Console. See <a href="#">Migrate Analytics user accounts for Enterprise and Federated IDs</a> .

Notice	Date Added or Updated	Description
Upcoming removal of Account Activity Report	May 10, 2018	The Account Activity Report will be replaced by the Server Call Usage feature in the Adobe Analytics Summer Release. The Account Activity Report will be permanently removed on August 9, 2018. To view summary data about report suite traffic after August 9, 2018, use the Server Call Usage feature.

Notice	Date Added or Updated	Description
Changes to linear allocation models in Calculated Metrics	Effective July 19, 2018	<p>On July 19th, Adobe Analytics will revise the way allocation models in calculated metrics are evaluated. As part of this change, calculated metrics that use a non-default allocation model will be migrated to new and improved attribution models. Marketing Channel Last Touch and Marketing Channel First Touch allocation models will be migrated to new Last Touch and First Touch attribution models respectively. (Marketing Channels are not being deprecated, only the two allocation models that appear in calculated metrics). Additionally, we will correct the way linear allocation is calculated. If you use calculated metrics with linear allocation models, the reports may change slightly to reflect the new, corrected attribution model. This change to calculated metrics will be reflected in Analysis Workspace, Reports &amp; Analytics, the Reporting API, Report Builder, and Ad Hoc Analysis. See the <a href="#">Calculated Metrics</a> documentation for more information about this change.</p>

Notice	Date Added or Updated	Description
Anomaly Detection and Contribution Analysis functionality removed from Reports & Analytics	April 10, 2018	Anomaly Detection and Contribution Analysis have been removed from the Reports & Analytics feature set and are now available only via Analysis Workspace. Adobe Analytics Select and Foundation customers have access only to "daily-granularity" Anomaly Detection in Workspace.
Adobe no longer issuing 3rd-party s_vi cookies for Safari	April 05, 2018	On March 20, 2018, Adobe stopped issuing third-party s_vi cookies for the Safari browser. This change does not impact customers using first-party data collection cookies. This change also removes the visit and visitor inflation experienced by some customers, resulting from Safari ITP.
Update Report Builder before you migrate user IDs to the Admin Console	March 17, 2018	<b>Important:</b> Update your installation of Report Builder to the latest version. This update is a pre-requisite for running the Analytics user ID migration to the Admin Console, beginning in April 2018. See [Analytics User Migration to the Admin Console] for migration information.
Back-end changes that affect reporting	April 11, 2018	A change to the (back-end) lookup mechanism is going to impact reporting in several ways. Please be aware that these changes went into effect around the end of February, 2018: Page renaming will no longer be

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		<p>allowed. Going forward, you will need to use classifications to rename pages. Until the May 10, 2018 release, the system will continue to process the renamed pages as they are currently configured. Adobe is asking all customers to migrate to classifications by that date. After the May release, existing renames will no longer be honored and can change, retroactively, without notice. The URL replacement methodology is different. Previously, Adobe Analytics would store (mostly) the first URL associated with each page name each month. Going forward, we will store the most recent URL for each page name. (Updated April 11, 2018) Category reports for roll-ups and current data in Reports &amp; Analytics are no longer provided. Deprecating category roll-up reports in the Web Service API is effective with the May 10, 2018, Adobe Analytics maintenance release. There is no longer any support for page/prop data from before approximately January 2007 (in some cases, 2006). This only impacts pages, props and page events (i.e. custom links, exit links, download links). Note: This change does not impact reporting in Analysis Workspace or Data Warehouse. If you have</p>

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		<p>data preceding these dates, expect the following: Data will not combine correctly across the pre/post January 2007 boundary. Searches will not work against data before approximately Jan. 2007.</p>
<p>Upcoming support changes for Date-Enabled and Numeric Classifications</p>	<p>May 7, 2018</p>	<p>In the May 10, 2018 Maintenance release, we will begin limiting the functionality of date-enabled and numeric classifications. These classification types will be removed from the Admin and Classification Importer interfaces. From that date on, no new date-enabled and numeric classifications can be added. Existing classifications can still be managed (uploaded to, deleted) through the standard classification workflow, and will continue to be available in reporting.</p>
<p>Upcoming support changes for Marketing Channel Cost and Budget</p>	<p>February 28, 2018</p>	<p>In the April maintenance release, we will remove Marketing Channel Cost and Budget from the Admin &gt; Marketing Channel menu. No new cost and budget data can be added. Existing cost and budget data will continue to be available in reporting, but cannot be updated.</p>
<p>Code Manager - Legacy H Code</p>	<p>February 8, 2018</p>	<p>Downloading legacy JavaScript (H code) from the Code Manager is no longer supported.</p>
<p>Data retention: Check and set</p>	<p>February 1, 2018</p>	<p><b>Background:</b> The European</p>

Notice	Date Added or Updated	Description
your data retention policy for Adobe Analytics		<p>Union's General Data Protection Regulation (GDPR), which applies as from May 25, 2018, provides that Adobe, in its role as your data processor, must take appropriate measures to assist its customers in fulfilling access, deletion, and other requests from individuals. Applying appropriate, secure, and timely deletion policies is an important part of complying with this obligation. As a result, Adobe would like to work with you to implement a data retention policy before GDPR takes effect on May 25, 2018.</p> <p><b>What to expect:</b> Unless you already have an Adobe Analytics data retention policy in place, Adobe will begin applying data retention as currently specified in customer contracts for Adobe Analytics, unless other arrangements are made. Most Adobe Analytics contracts state that Adobe may delete data after 25 months. Once a data retention policy is in place for your organization, it is enforced on a rolling monthly basis. Data retention for longer periods than 25 months is available for an additional fee. Data retention periods for shorter periods can also be configured by contacting Customer Care. You will soon receive an email with additional details for your organization.</p>

Notice	Date Added or Updated	Description
		<p>Data retention impacts all methods for accessing historical Adobe Analytics data, including but not limited to Reports &amp; Analytics, Analysis Workspace, Report Builder, the Web Services Reporting APIs, data warehouse, and data feeds. <b>Next steps:</b> Identify stakeholders within your organization responsible for making decisions about data retention. Your organization is best placed to know the appropriate period for which Adobe Analytics data should be retained. Contact your Adobe Customer Success Manager if you have questions regarding data retention for Adobe Analytics.</p>
User account linking	October 26, 2017	<p>Analytics users no longer need to manually link their accounts between the Experience Cloud and Analytics. Users can contact their Admin Console administrator to request Analytics access. The Analytics user ID migration enables administrators to easily migrate user accounts from Analytics User Management to the Adobe Admin Console. After your users are migrated, they will have access to the purchased solutions and core services available in the Experience Cloud. <a href="#">Learn more about the Analytics User ID Migration.</a></p>



## Audience Manager

New features and fixes in Adobe Audience Manager.

### Data Integration Library (DIL) 8.1

In 8.1, we made DIL compliant with stricter security policies by Google Tag Manager. This version is only available from DTM and as standalone code, not Launch or AppMeasurement Audience Manager Module. Future versions will include this change. (CORE-24189)

### Fixes in Audience Manager

- We've improved the search experience in Audience Marketplace to provide a faster experience, without interruptions. (AAM-43421)
- We've made an update to the Audience Marketplace User Interface to allow you to enter decimal values with comma for impressions for Payables. (AAM-42994)
- We fixed a bug in Audience Marketplace, where customers wanting to self-report impression volumes for December would find the November impressions still showing in the reporting fields. (AAM-43814)

## Experience Manager

New features, fixes, and updates in Experience Manager. Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product releases

#### XML Documentation for AEM

The 3.2 release for the XML Documentation solution was made available on December 18, 2018.

#### Performance updates

- For chunked content publishing.
- In topics, reports, translation tabs of the map dashboard.
- Assets UX.
- Performance fixes for large map reviews.
- Disk size optimization for generated sites by introducing `serializedMap` property in template.

#### Web Editor items

- Image Map support.
- Alphabetical sorting for a better experience.

## Word to DITA conversion improvements

- Handle inline styles such as bold, italics, lists, and so on in Word to DITA conversion.
- Improved table handling in Word to DITA conversion.
- The conversion process now creates the topics with the file names formed using the file title with `_(FILE_NUMBER)` appended at the end for DITA files.
- No extra `xtrc` attributes are inserted inside DITA elements during the conversion process.

## API support

- Java API to create a profiling attribute for a folder profile.
- Labeling API - provide API to apply given label on all specified versions in a baseline.
- Baseline API - create baseline for a map with versions as on given date and time.
- Packaging API for faster activation of large books.

## Miscellaneous

- Setting to configure disabling edit (from the web editor) without checkout.
- Support for variables and metadata fields in PDF and AEM Site Names.
- You can now overlay the Search dialog box in the Map Editor with custom component.
- Allow users to associate multiple folders with a folder profile.
- Support for AEM 6.4 SP2.

## Fixed customer-reported bugs

- Checkout column was not displaying correctly in AEM Assets List View.
- Map collection page for large number of map collections.
- Out-of-the-box DITA groups got deleted when package was uninstalled.
- User should get an option to check in when they close a checked out file.
- The dismiss out of sync button is not visible on the translation dashboard.
- Wrong TOC is generated if chunking is ON.
- AEM XML Editor messes up the straddled columns.
- Using Enter at the beginning of a `<i>` or `<p>` element breaks conrefs.
- Codeblock was getting indented when a topic is edited and the user switches from Author mode to Source mode and vice versa.
- In Author mode, if the Enter key was used to add a paragraph `<p>` element in a table cell, it resulted in extra hash characters in the PDF output.

- The TOC component used by the default Site template renders incorrect links when a JCR Resource Resolver mapping is in effect.
- Review comments were displaced by a character if entered at the beginning of a tag.
- Baseline should not be copied on copying the map.

## Product maintenance

### Oracle Java SE support for Adobe Experience Manager

Support and distribution of Oracle Java SE, including all maintenance updates of Long Term Support (LTS) releases (Oracle Java SE 8 and Oracle Java SE 11), will be supported by Adobe directly for all AEM customers making use of the Oracle Java technology as part of their AEM projects.

More information in the [FAQ](#).

## Additional resources

- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

Feature	Description
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Feature	Description
Email Designer General Availability	The new intuitive Email Designer (formerly known as Creative Designer) is now generally available. It supports all the features from the legacy content editor, including: The use of dynamic images from Adobe Target; The ability to retrieve content from a URL automatically at preparation time; Fully compliant out-of-the box content templates. For more information, see Email Content Design and the feature video. As a consequence, the legacy email content editor is now deprecated. For more information, see Deprecated and Removed Features in Campaign Standard.
Product Listings in Transactional Emails	You can now reference one or more data collections in a transactional email message to create loops on specific content. For example, you can automatically send a cart abandonment email listing all the products that were in the user's cart with an image, the price, and a link to each product. For more information, refer to the product documentation and feature video.
Mobile View in the Email Designer	You can now switch to a dedicated mobile view when editing email content. This allows you to fine-tune the responsive design of an email by separately editing all style options for mobile display, such as adapting margins, smaller font size, different background color, and so on. For more information, refer to the product documentation.
In-App Messaging Beta Improvements	The In-App Messaging Beta feature has been enhanced with the following capabilities: In-App Beta channel is GDPR compliant; Integration with Analytics APIs to populate Triggers dropdowns; Intuitive look and description of delivery templates; Enhancements to authoring interface from usability standpoint. For more information, refer to the detailed documentation.

For product documentation, see:

- [Adobe Campaign Classic Release Notes](#)
- [Adobe Campaign Classic Learn & Support](#)
- [Adobe Campaign Standard Learn & Support](#)

## Advertising Cloud

New features in Adobe Advertising Cloud.

### Portfolios

(Beta) A new “Weekly” spend strategy allows you to maximize weighted revenue while trying to spend a specified weekly amount. This strategy automatically uses day-of-week models and simulations.

If you want to use this strategy for a portfolio, wait until the portfolio has been optimized for at least two weeks, and then actively monitor spending and performance until the feature is validated.

You can now allow Google Ads to optimize multiple campaigns to a single return on ad spend (ROAS) or cost per acquisition (CPA) target using the new Advertising Cloud spend strategies “Google Target CPA” and “Google Target ROAS.” With these spend strategies, all assigned Google Ads campaigns will have the specified bid strategy and the specified target; campaigns on other search engines are ignored. All other portfolio settings are disabled.

In the portfolio section “Auto-optimize Bid Adjustment Values,” the “Audience Target” option now optimizes Google Ads remarketing list, customer match, and similar audiences (which you can create within Google Ads) at the campaign and ad group levels. Previously, a “Remarketing List” option optimized only remarketing lists at the ad group level.

For portfolios with learning enabled, Advertising Cloud can now automatically bid up bid units with zero impressions within the specified learning budget.

By default, you can use the legacy manual rules for bidding up bid units with zero impressions until the manual option is deprecated. In this case, the learning budget applies only to bid units with models, and zero impression learning uses additional spend. The portfolio may spend more than the allotted learning budget to meet the specified parameters.

### Search Campaigns

The Campaigns (Legacy) views are no longer in the main menu. To use the legacy views, which will be deprecated in February, go to Search > Campaigns > Campaigns, scroll to the bottom right of the page, and click Legacy Campaigns.

If you're in the legacy views, you can return to the new views by either opening Search > Campaigns > Campaigns from the main menu or by scrolling to the right and clicking [Click here to try our new Campaigns experience](#).

(Yandex accounts only) When the account is managed by an agency/management account, you can now specify the management account using the "MCC Account" field. To remove an existing association, select "No MCC Account."

(Google Ads) You can now create responsive search ads, which are in beta mode within Google Ads, for campaigns on the search and display networks. Google Ads dynamically assembles text-based responsive search ads from a set of ad titles and descriptions, favoring combinations that perform well together. You can optionally pin ad titles and descriptions to specific positions. Reporting is at the ad level.

Bulksheet support for managing responsive search ads will be available in a future release. Data about campaign assignment to portfolios is now included in the portfolio change history, which is available from the Portfolios view. When you compare data for two date ranges, you can now sort the data by the comparison column (such as Impressions R2).

Error messages now have an option to report the issue. Session data is automatically included with the report, and you can optionally enter text details.

## Search Constraints Beta

(Google Ads and Bing Ads accounts only; beta feature) You can now constrain bids according to their impression share.

## Social Beta

You can now edit the budget and status of multiple ad sets using the Edit button in the toolbar.

## Reports

To support the optional third headline in Google Ads expanded text ads, the Ad Variation Report now includes the fields "Creative Title3" and "Description2."

(Open beta for Google Ads and Bing Ads campaigns) Two new specialty reports provide impression share metrics: Keyword Daily Impression Share Report and Campaign Daily Impression Share Report. Advertising Cloud is seeking customer feedback on the reports.

## Admin

The display names for transaction properties must now be unique. If any existing display names were duplicated, they were suffixed with the transaction property name, such as "display\_name (transaction\_property\_name)."

## Integration with Analytics

All s\_kwcids for active campaigns —including s\_kwcids that are no longer used for the campaigns — are automatically updated daily when metadata for accounts, campaigns, and ad groups change. Previously, s\_kwcids that are no longer used were not updated.

## Resources on adobe.com

[Ab Multivariate Testing](#)

[Product Recommendations](#)

[Content Intelligence](#)

[Theme Editor](#)

[Web Content Management](#)

[Campaign Reporting](#)

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- [Experience Platform Launch](#) (links to product help)
- [ID Service](#)

## Analytics

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- [Analysis Workspace](#)



- [Analytics fixes and updates](#)
- [AppMeasurement for JavaScript](#)

For product documentation, see [Analytics Help Home](#).

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Notice	Date Added or Updated	Description
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe plans to expand the size of the post_product_list column from 64 KB to 16 MB. This change is intended to ensure that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	<p>Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.</p>

Notice	Date Added or Updated	Description
Dallas FTP server migration (ftp2.omniture.com)	October 19, 2018	On October 23, 2018, if you connect to ftp2.omniture.com via the SFTP protocol, you might be required to re-accept the SJ1 site's host identifier. This issue applies only to October 23. See <a href="#">Upgrading Adobe FTP Servers</a> .
Update to Mobile Device dimension	October 16, 2018	On September 26, Adobe updated its device lookup to Device Atlas's 2.1 API. This caused more detailed devices (e.g. Apple iPhone 7, Apple iPhone 8 Plus, etc.) to appear in the Mobile Device dimension for some browsers. This new level of device detail should be used directionally as is does not extend to all devices and browser types at this time.
End of support for Internet Explorer 11	Sept. 12, 2018	Adobe will end support for Internet Explorer 11 within Adobe Analytics on November 13, 2018. Please switch to Microsoft Edge or another supported browser as soon as possible.

Notice	Date Added or Updated	Description
End of life for Ad Hoc Analysis	August 9, 2018	On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available. For more information, visit <a href="#">Discover Workspace</a> . We will not modify Ad Hoc Analysis to support Java 9+ from this point forward. If you upgrade to Java 9+, Ad Hoc Analysis will cease to function. Only Java 8 will be supported.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder (ARB) users download ARB v5.6.21 prior to February 2019. After that date, prior versions of ARB will no longer function.
New help for the Analytics user migration	May 10, 2018	We updated the Analytics user ID migration help with information about migrating Enterprise and Federated IDs to the Admin Console. See <a href="#">Migrate Analytics user accounts for Enterprise and Federated IDs</a> .
Upcoming removal of Account Activity Report	May 10, 2018	The Account Activity Report will be replaced by the Server Call Usage feature in the Adobe Analytics Summer Release. The Account Activity Report will be permanently removed on August 9, 2018. To view summary data about report suite traffic after August 9, 2018, use the Server Call Usage feature.

Notice	Date Added or Updated	Description
Changes to linear allocation models in Calculated Metrics	Effective July 19, 2018	<p>On July 19th, Adobe Analytics will revise the way allocation models in calculated metrics are evaluated. As part of this change, calculated metrics that use a non-default allocation model will be migrated to new and improved attribution models. Marketing Channel Last Touch and Marketing Channel First Touch allocation models will be migrated to new Last Touch and First Touch attribution models respectively. (Marketing Channels are not being deprecated, only the two allocation models that appear in calculated metrics). Additionally, we will correct the way linear allocation is calculated. If you use calculated metrics with linear allocation models, the reports may change slightly to reflect the new, corrected attribution model. This change to calculated metrics will be reflected in Analysis Workspace, Reports &amp; Analytics, the Reporting API, Report Builder, and Ad Hoc Analysis. See the <a href="#">Calculated Metrics</a> documentation for more information about this change.</p>

Notice	Date Added or Updated	Description
Anomaly Detection and Contribution Analysis functionality removed from Reports & Analytics	April 10, 2018	Anomaly Detection and Contribution Analysis have been removed from the Reports & Analytics feature set and are now available only via Analysis Workspace. Adobe Analytics Select and Foundation customers have access only to "daily-granularity" Anomaly Detection in Workspace.
Adobe no longer issuing 3rd-party s_vi cookies for Safari	April 05, 2018	On March 20, 2018, Adobe stopped issuing third-party s_vi cookies for the Safari browser. This change does not impact customers using first-party data collection cookies. This change also removes the visit and visitor inflation experienced by some customers, resulting from Safari ITP.
Update Report Builder before you migrate user IDs to the Admin Console	March 17, 2018	<b>Important:</b> Update your installation of Report Builder to the latest version. This update is a pre-requisite for running the Analytics user ID migration to the Admin Console, beginning in April 2018. See [Analytics User Migration to the Admin Console] for migration information.
Back-end changes that affect reporting	April 11, 2018	A change to the (back-end) lookup mechanism is going to impact reporting in several ways. Please be aware that these changes went into effect around the end of February, 2018: Page renaming will no longer be

Notice	Date Added or Updated	Description
		<p>allowed. Going forward, you will need to use classifications to rename pages. Until the May 10, 2018 release, the system will continue to process the renamed pages as they are currently configured. Adobe is asking all customers to migrate to classifications by that date. After the May release, existing renames will no longer be honored and can change, retroactively, without notice.</p> <p>The URL replacement methodology is different. Previously, Adobe Analytics would store (mostly) the first URL associated with each page name each month. Going forward, we will store the most recent URL for each page name. (Updated April 11, 2018) Category reports for roll-ups and current data in Reports &amp; Analytics are no longer provided. Deprecating category roll-up reports in the Web Service API is effective with the May 10, 2018, Adobe Analytics maintenance release. There is no longer any support for page/prop data from before approximately January 2007 (in some cases, 2006). This only impacts pages, props and page events (i.e. custom links, exit links, download links). Note: This change does not impact reporting in Analysis Workspace</p>



Notice	Date Added or Updated	Description
		<p>or Data Warehouse. If you have data preceding these dates, expect the following: Data will not combine correctly across the pre/post January 2007 boundary. Searches will not work against data before approximately Jan. 2007.</p>
<p>Upcoming support changes for Date-Enabled and Numeric Classifications</p>	<p>May 7, 2018</p>	<p>In the May 10, 2018 Maintenance release, we will begin limiting the functionality of date-enabled and numeric classifications. These classification types will be removed from the Admin and Classification Importer interfaces. From that date on, no new date-enabled and numeric classifications can be added. Existing classifications can still be managed (uploaded to, deleted) through the standard classification workflow, and will continue to be available in reporting.</p>
<p>Upcoming support changes for Marketing Channel Cost and Budget</p>	<p>February 28, 2018</p>	<p>In the April maintenance release, we will remove Marketing Channel Cost and Budget from the Admin &gt; Marketing Channel menu. No new cost and budget data can be added. Existing cost and budget data will continue to be available in reporting, but cannot be updated.</p>
<p>Code Manager - Legacy H Code</p>	<p>February 8, 2018</p>	<p>Downloading legacy JavaScript (H code) from the Code Manager is no longer supported.</p>

Notice	Date Added or Updated	Description
Data retention: Check and set your data retention policy for Adobe Analytics	February 1, 2018	<p><b>Background:</b> The European Union's General Data Protection Regulation (GDPR), which applies as from May 25, 2018, provides that Adobe, in its role as your data processor, must take appropriate measures to assist its customers in fulfilling access, deletion, and other requests from individuals. Applying appropriate, secure, and timely deletion policies is an important part of complying with this obligation. As a result, Adobe would like to work with you to implement a data retention policy before GDPR takes effect on May 25, 2018.</p> <p><b>What to expect:</b> Unless you already have an Adobe Analytics data retention policy in place, Adobe will begin applying data retention as currently specified in customer contracts for Adobe Analytics, unless other arrangements are made. Most Adobe Analytics contracts state that Adobe may delete data after 25 months. Once a data retention policy is in place for your organization, it is enforced on a rolling monthly basis. Data retention for longer periods than 25 months is available for an additional fee. Data retention periods for shorter periods can also be configured by contacting Customer Care. You will soon</p>

Notice	Date Added or Updated	Description
		<p>receive an email with additional details for your organization.</p> <p>Data retention impacts all methods for accessing historical Adobe Analytics data, including but not limited to Reports &amp; Analytics, Analysis Workspace, Report Builder, the Web Services Reporting APIs, data warehouse, and data feeds. <b>Next steps:</b> Identify stakeholders within your organization responsible for making decisions about data retention. Your organization is best placed to know the appropriate period for which Adobe Analytics data should be retained. Contact your Adobe Customer Success Manager if you have questions regarding data retention for Adobe Analytics.</p>

Notice	Date Added or Updated	Description
User account linking	October 26, 2017	<p>Analytics users no longer need to manually link their accounts between the Experience Cloud and Analytics. Users can contact their Admin Console administrator to request Analytics access. The Analytics user ID migration enables administrators to easily migrate user accounts from Analytics User Management to the Adobe Admin Console. After your users are migrated, they will have access to the purchased solutions and core services available in the Experience Cloud. <a href="#">Learn more about the Analytics User ID Migration.</a></p>

## Analysis Workspace

Feature	Description
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Feature	Description
Changes to Cohort Analysis	<p>We made two small changes to how Cohort Analysis, which released a major update in January 2019, works. These modifications may result in changes to the data returned.</p> <ul style="list-style-type: none"> <li>• The Custom Cohort Dimension segment definition now applies the dimension item only as part of the inclusion period, not as part of the return definition.</li> <li>• For Rolling Calculation, we were applying the inclusion criteria through each of the subsequent return periods. Now, return criteria are instead applied to each of the periods leading up to the selected period.</li> </ul>
Feature B	Text
Feature C	Text

### Changes to Cohort Analysis

We made two small changes to how Cohort Analysis, which released a major update in January 2019, works. These modifications may result in changes to the data returned.

- The Custom Cohort Dimension segment definition now applies the dimension item only as part of the inclusion period, not as part of the return definition.
- For Rolling Calculation, we were applying the inclusion criteria through each of the subsequent return periods. Now, return criteria are instead applied to each of the periods leading up to the selected period.

### Media Analytics SDK 2.2 for: iOS & Android Mobile v5 Extension; JavaScript

New features in Media Analytics.

### Adobe Analytics for Audio

Connects a listener's streaming audio engagement with their full digital behavior. You can understand who's listening where, when, and how often, and evaluate user behavior in a commonly fragmented audio marketplace.

This feature enables businesses to measure the reach of their listeners, measure the popularity of their content, and provides insight into how to keep users engaged based on their behaviors and look-alike modeling. Measure 10-second audio content and 1-second streaming ads with our best-in-class SDKs, to evaluate both quality of experience (stall, errors, time to start) and content plus ad KPIs.

### **Maintaining Ad Breaks**

Enhanced Ad tracking in scenarios where if a player has entered an ad break, and no calls are sent for a certain period of time, the SDK logic defaults to content playback, even if the player is still in an ad-break state. During a pre-roll ad, this might result in a content-start firing before the ad break is complete. In Media 2.2 SDK, buffer calls are sent between ads within an ad break when there is a long delay between ads.

### **SDK Name Change**

Starting with the 2.2 release, the Video Heartbeat Library (VHL) SDKs are renamed to Media SDK. The Media 2.2 SDK is fully backwards compatible with the VHL 2.X SDK series. The name change does not represent a functional break, simply a change in naming convention.

### **Analytics for Video and Audio**

New features in Analytics for Video and Audio

#### **Media Starts - metric name change**

On February 7th, 2019, Adobe Analytics for Video and Audio will be releasing a metric name change. Media Initiates will now be called *Media Starts*.

This change is being made to reflect industry standards in metrics and reporting, and to make the metric easily identifiable in reporting. The new metric name will be immediately visible in Analytics reporting, and no changes are required on behalf of the end user.

#### **Analytics fixes and updates**

Fixes and minor updates applied to Adobe Analytics interface tools and components (Analysis Workspace, Reports & Analytics, Report Builder, and so on).

#### **Analysis Workspace fixes**

We made two small changes to how Cohort Analysis, which released a major update in January 2019, works. These modifications may result in small changes to the data returned.

- The Custom Cohort Dimension segment definition now applies the dimension item only as part of the inclusion period, not as part of the return definition.
- For Rolling Calculation, we were applying the inclusion criteria through each of the subsequent return periods. Now, return criteria are instead applied to each of the periods leading up to the selected period.

## Analytics fixes (general)

- **Reports & Analytics:** Fixed an issue that prevented users from sharing reports with other users. (AN-172301)
- **Admin:** Fixed an issue with the edit function in legacy Admin User Management : After selecting a user and clicking Edit, no data about the user was visible. (AN-170705)
- Added some retry logic for specific errors in Analysis Workspace. (AN-172801)

## AppMeasurement for JavaScript

JavaScript 2.11.0 - releasing February 11

- Added support for the new Adobe Opt-in services functionality in AppMeasurement. (AN-163546)
- Added support for storing link tracking data on session-storage. (AN-162272)
- Added support for media stream type for Audio Analytics. (AN-173265)

## Audience Manager

New features and fixes in Adobe Audience Manager.

### Trait-to-Trait Overlap Report

With the upgrade to a new version of [Tableau](#), we have changed the data visualization method for overlap reports. See the screenshot in the Trait-to-Trait Overlap Report. See [Trait-to-Trait Overlap Report](#).

### Segment-to-Trait Overlap Report

With the upgrade to a new version of Tableau, we have changed the data visualization method for overlap reports. See the screenshot in the Segment-to-Trait Overlap Report. See [Segment-to-Trait Overlap Report](#)

### Segment-to-Segment Overlap Report

With the upgrade to a new version of Tableau, we have changed the data visualization method for overlap reports. See the screenshot in the Segment-to-Segment Overlap Report. See [Segment-to-Segment Overlap Report](#)

### Fixes

- You can now add recommended traits to segment rules, from the traits recommendation list.
- The Dates Through field in the General Reports page is now required when running the reports.
- Fixed an issue causing impressions for previous months to be displayed when reporting current month usage for some customers.

- Fixed an issue causing search fields for Traits, Segments, Destinations, and Models not to show any results when the search terms ended with a backslash character.
- Fixed an issue causing an incorrect date to be displayed in the Payables section of the Feed Usage Report.

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager. Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product Maintenance

#### Oracle Java SE support for Adobe Experience Manager

Support and distribution of Oracle Java SE, including all maintenance updates of Long Term Support (LTS) releases (Oracle Java SE 8 and Oracle Java SE 11), will be supported by Adobe directly for all AEM customers making use of the Oracle Java technology as part of their AEM projects.

You can find more information in the FAQ.

#### AEM 6.1 Service Pack 2–Cumulative Fix Pack 18

AEM 6.1 SP2–CFP18 (6.1.2.18), released January 11, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.1 August 2016.

- [Release Notes](#)
- [AEM Forms CFP releases](#)

### Self-Help

Troubleshooting tips for AEM integration issues, see [Troubleshooting Integration Issues](#).

### Additional resources

- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)



# Advertising Cloud

New features in Adobe Advertising Cloud.

## Portfolios

(Beta) A new “Weekly” spend strategy allows you to maximize weighted revenue while trying to spend a specified weekly amount. This strategy automatically uses day-of-week models and simulations. If you want to use this strategy for a portfolio, wait until the portfolio has been optimized for at least two weeks, and then actively monitor spending and performance until the feature is validated.

You can now allow Google Ads to optimize multiple campaigns to a single return on ad spend (ROAS) or cost per acquisition (CPA) target using the new Advertising Cloud spend strategies “Google Target CPA” and “Google Target ROAS.” With these spend strategies, all assigned Google Ads campaigns will have the specified bid strategy and the specified target; campaigns on other search engines are ignored. All other portfolio settings are disabled.

In the portfolio section “Auto-optimize Bid Adjustment Values,” the “Audience Target” option now optimizes Google Ads remarketing list, customer match, and similar audiences (which you can create within Google Ads) at the campaign and ad group levels. Previously, a “Remarketing List” option optimized only remarketing lists at the ad group level.

For portfolios with learning enabled, Advertising Cloud can now automatically bid up bid units with zero impressions within the specified learning budget.

By default, you can use the legacy manual rules for bidding up bid units with zero impressions until the manual option is deprecated. In this case, the learning budget applies only to bid units with models, and zero impression learning uses additional spend. The portfolio may spend more than the allotted learning budget to meet the specified parameters.

## Search Campaigns

The Campaigns (Legacy) views are no longer in the main menu. To use the legacy views, which will be deprecated in February, go to Search > Campaigns > Campaigns, scroll to the bottom right of the page, and click Legacy Campaigns.

If you're in the legacy views, you can return to the new views by either opening Search > Campaigns > Campaigns from the main menu or by scrolling to the right and clicking Click here to try our new Campaigns experience.

(Yandex accounts only) When the account is managed by an agency/management account, you can now specify the management account using the “MCC Account” field. To remove an existing association, select “No MCC Account.”

(Google Ads) You can now create responsive search ads, which are in beta mode within Google Ads, for campaigns on the search and display networks. Google Ads dynamically assembles text-based responsive search ads from a set of ad titles and descriptions, favoring combinations that perform well together. You can optionally pin ad titles and descriptions to specific positions. Reporting is at the ad level.

Bulksheet support for managing responsive search ads will be available in a future release.

Data about campaign assignment to portfolios is now included in the portfolio change history, which is available from the Portfolios view.

When you compare data for two date ranges, you can now sort the data by the comparison column (such as Impressions R2).

Error messages now have an option to report the issue. Session data is automatically included with the report, and you can optionally enter text details.

## Search Constraints Beta

(Google Ads and Bing Ads accounts only; beta feature) You can now constrain bids according to their impression share.

## Social Beta

You can now edit the budget and status of multiple ad sets using the Edit button in the toolbar.

## Reports

To support the optional third headline in Google Ads expanded text ads, the Ad Variation Report now includes the fields "Creative Title3" and "Description2."

(Open beta for Google Ads and Bing Ads campaigns) Two new specialty reports provide impression share metrics: Keyword Daily Impression Share Report and Campaign Daily Impression Share Report. Advertising Cloud is seeking customer feedback on the reports.

## Admin

The display names for transaction properties must now be unique. If any existing display names were duplicated, they were suffixed with the transaction property name, such as "display\_name (transaction\_property\_name)."

## Integration with Adobe Analytics

All s\_kwcids for active campaigns —including s\_kwcids that are no longer used for the campaigns — are automatically updated daily when metadata for accounts, campaigns, and ad groups change. Previously, s\_kwcids that are no longer used were not updated.

## Additional resources

[Advertising Cloud Community](#)

## Resources on adobe.com

[Dynamic Media](#)

[Customer Profiles](#)

[Mobile Marketing](#)

[Ad Hoc Analysis](#)

[General Data Protection Regulation](#)

[Web Analytics](#)

# Adobe Experience Cloud release notes - March 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

Release date: March 2019

- [Experience Cloud core services and administration](#)
- [Analytics](#)
- [Audience Manager](#)
- [Target](#)
- [Campaign](#)
- [Experience Manager](#)
- [Advertising Cloud](#)
- [Primetime](#) (links to solution help)

## Experience Cloud core services and administration

Release notes for the Experience Cloud interface, including Platform core services and product administration.

- [Experience Cloud ID Service](#)
- [Experience Platform Launch](#) (links to product help)
- [Mobile Services and Mobile SDK](#)

## Experience Cloud ID Service

Improvements and fixes for the Experience Cloud ID service.

- Released version 4.1.
- Update publishDestinations per the new API changes.

See [Experience Cloud ID Services](#) product documentation.

For product documentation, see [Experience Cloud ID service](#).

## Mobile Services and Mobile SDK

New features, updates, and fixes to Mobile Services.

### Android version 4.17.3

Target - The Session ID and EdgeHost will now be persisted across app sessions.

### iOS version 4.18.1

- Target - The Session ID and EdgeHost will now be persisted across app sessions.
- Target - Fixed an issue that was caused when multiple targetPrefetchContent calls were being made consecutively.

For product documentation, see [Mobile Services](#).

For more information about the Mobile SDKs, see: [Android SDK 4.x for Experience Solutions](#) and [iOS SDK 4.x for Experience Cloud Solutions](#).

## Analytics

New features and fixes in Adobe Analytics:

- [New Features in Adobe Analytics](#)
- [Media Analytics SDK for iOS & Android \(formerly VHL SDK\)](#)
- [Important notices for Analytics administrators](#)

For product documentation, see [Analytics Help Home](#).

### New Features in Adobe Analytics

Feature	Description
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Feature	Description
Changes to Regional Data Collection	<p>To improve data collection performance, all remaining customers have been converted to Regional Data Collection (RDC) so that collection occurs as close to your end users as possible. This improves the site/app performance and ensures that data is collected as quickly as possible to optimize the end user experience.</p> <p>Once data from your digital properties is collected regionally, it is forwarded over a secure connection to a Data Processing Center, where it is processed and made available to products in the Adobe Experience Cloud. RDC has been the default for new implementations for 10+ years. <a href="#">More</a></p>
Changes to RDC in China	<p>Adobe's Regional Data Collection in mainland China enables customers within China to send data directly to a Data Collection Center within China, instead of other locations globally. This improves page load times and data accuracy compared with sending the data to Data Collection Centers outside of China. <a href="#">More</a></p>
Regional acceleration for China	<p>The China Acceleration option is now available in Analytics Report Suite Settings. This option improves the Adobe Analytics Reporting user experience for users in Mainland China. Each Adobe Analytics user can enable or disable this option. Do not select this option for users outside Mainland China as it will negatively affect performance. <a href="#">More</a></p>
New Livestream variables	<ul style="list-style-type: none"> <li>* <b>carrier:</b> The wireless provider for the mobile device.</li> <li>* <b>tnt:</b> The test-and-target field used in Target. The <i>actionId</i> and <i>actionName</i> never have values.</li> <li>* <b>tntAction:</b> The enhanced test-and-target field used in Target. Unlike the <i>tnt</i> field, the <i>actionId</i> and <i>actionName</i> have values set.</li> </ul>

Feature	Description
API 2.0: Support for JWT authentication	<p>The Adobe Analytics 2.0 API now supports JWT authentication. More information about JWT Authentication can be found here:</p> <p><a href="https://github.com/AdobeDocs/analytics-2.0-apis/blob/master/jwt.md">https://github.com/AdobeDocs/analytics-2.0-apis/blob/master/jwt.md</a></p>

## Media Analytics SDK 2.2 for: Chromecast, Roku, Apple TV, and Launch Web Extension

Feature	Description
Adobe Analytics for Audio	<p>Connects a listener's streaming audio engagement with their full digital behavior. You can understand who's listening where, when, and how often, and evaluate user behavior in a commonly fragmented audio marketplace.</p> <p>This feature enables businesses to measure the reach of their listeners, measure the popularity of their content, and provides insight into how to keep users engaged based on their behaviors and look-alike modeling. Measure 10-second audio content and 1-second streaming ads with our best-in-class SDKs, to evaluate both quality of experience (stall, errors, time to start) and content plus ad KPIs.</p>
Maintaining Ad Breaks	<p>Enhanced Ad tracking in scenarios where if a player has entered an ad break, and no calls are sent for a certain period of time, the SDK logic defaults to content playback, even if the player is still in an ad-break state. During a pre-roll ad, this might result in a content-start firing before the ad break is complete. In Media 2.2 SDK, buffer calls are sent between ads within an ad break when there is a long delay between ads.</p>

Feature	Description
SDK Name Change	Starting with the 2.2 release, the Video Heartbeat Library (VHL) SDKs are renamed to Media SDK. The Media 2.2 SDK is fully backwards compatible with the VHL 2.X SDK series. The name change does not represent a functional break, simply a change in naming convention.

## Analytics - Fixes and Updates

Fixes and minor updates applied to Adobe Analytics interface tools and components (Analysis Workspace, Reports & Analytics, Report Builder, and so on).

- **Analysis Workspace:** Fixed an issue that prevented any data from showing in the Map visualization. (AN-170626)
- Fixed an issue where a (migrated) user's first/last name in Analytics was different than the name linked to the user's Adobe ID in Experience Cloud. To update the Analytics name with the one in Experience Cloud, go to **Admin > User Management (Legacy) > Edit Users** and click the User ID. Then click **Update from Experience Cloud**. (AN-172825)
- Fixed an issue with the display of web services permissions where the UI implied that a user had permissions when, in reality, they did not. (AN-168076)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
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Notice	Date Added or Updated	Description
Upcoming support changes for Date-Enabled and Numeric Classifications	February 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the June 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>
Significantly updated the documentation on the getPercentPageViewed plug-in.	February 12, 2019	<a href="https://experiencecloud.adobe.com">https://experiencecloud.adobe.com</a>
Admin > General Account Settings	February 7, 2019	<p>* The setting <i>Replace the last octet of IP addresses with 0</i> is enabled by default for any new report suites created in the London Data Center after January 2019, but only if the settings for those report suites are copied from a template listed in the Admin Console. Report suites whose settings are duplicated from other report suites inherit all settings from the selected report suite.</p> <p>* The setting <i>IP Obfuscation</i> is no longer enabled by default for all customers with a report suite set in EMEA.</p>

Notice	Date Added or Updated	Description
Mobile browser version numbers	February 7, 2019	Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i> ).
End of life for Ad Hoc Analysis	Updated January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.
End of Support for TLS 1.0	Updated January 10, 2019	On February 11, 2019 Adobe Analytics reporting will no longer support TLS (Transport Layer Security) 1.0 encryption. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a> .

Notice	Date Added or Updated	Description
		<p>Beginning February 20, 2019 Adobe Analytics data collection will no longer support TLS 1.0. With this change, Adobe will no longer collect Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API will no longer support TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>* API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>* API clients using Java 8 should not be impacted because the default setting is TLS 1.2.</li><li>* API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>

Notice	Date Added or Updated	Description
Update Adobe Report Builder due to end of support for TLS 1.0	September 7, 2018	Due to the end of support for TLS 1.0, we recommended that Adobe Report Builder (ARB) users download ARB v5.6.21 prior to February 7, 2019. <b>After that date, prior versions of ARB no longer function.</b>
Update to CSV downloads from Analysis Workspace	January 9, 2019	Starting on February 7, 2019, CSV downloads (and Copy to Clipboard) from Analysis Workspace will no longer include the thousands separator. Note: The Analysis Workspace UI will continue to show the thousands separator. Additionally, the decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator.</b>
Data Feed: post_product_list column - size change	January 9, 2019	On February 7, 2019, Adobe plans to expand the size of the post_product_list column from 64 KB to 16 MB. This change is intended to ensure that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 64 KB to avoid data ingestion failures.

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Dallas FTP server migration (ftp2.omniture.com)	October 19, 2018	On October 23, 2018, if you connect to ftp2.omniture.com via the SFTP protocol, you might be required to re-accept the SJ1 site's host identifier. This issue applies only to October 23. See <a href="#">Upgrading Adobe FTP Servers</a> .
Update to Mobile Device dimension	October 16, 2018	On September 26, Adobe updated its device lookup to Device Atlas's 2.1 API. This caused more detailed devices (e.g. Apple iPhone 7, Apple iPhone 8 Plus, etc.) to appear in the Mobile Device dimension for some browsers. This new level of device detail should be used directionally as is does not extend to all devices and browser types at this time.

Notice	Date Added or Updated	Description
End of support for Internet Explorer 11	Sept. 12, 2018	Adobe will end support for Internet Explorer 11 within Adobe Analytics on November 13, 2018. Please switch to Microsoft Edge or another supported browser as soon as possible.
End of life for Ad Hoc Analysis	August 9, 2018	On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available. For more information, visit <a href="#">Discover Workspace</a> . We will not modify Ad Hoc Analysis to support Java 9+ from this point forward. If you upgrade to Java 9+, Ad Hoc Analysis will cease to function. Only Java 8 will be supported.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder (ARB) users download ARB v5.6.21 prior to February 2019. After that date, prior versions of ARB will no longer function.
New help for the Analytics user migration	May 10, 2018	We updated the Analytics user ID migration help with information about migrating Enterprise and Federated IDs to the Admin Console. See <a href="#">Migrate Analytics user accounts for Enterprise and Federated IDs</a> .

Notice	Date Added or Updated	Description
Upcoming removal of Account Activity Report	May 10, 2018	The Account Activity Report will be replaced by the Server Call Usage feature in the Adobe Analytics Summer Release. The Account Activity Report will be permanently removed on August 9, 2018. To view summary data about report suite traffic after August 9, 2018, use the Server Call Usage feature.

Notice	Date Added or Updated	Description
Changes to linear allocation models in Calculated Metrics	Effective July 19, 2018	<p>On July 19th, Adobe Analytics will revise the way allocation models in calculated metrics are evaluated. As part of this change, calculated metrics that use a non-default allocation model will be migrated to new and improved attribution models. Marketing Channel Last Touch and Marketing Channel First Touch allocation models will be migrated to new Last Touch and First Touch attribution models respectively. (Marketing Channels are not being deprecated, only the two allocation models that appear in calculated metrics). Additionally, we will correct the way linear allocation is calculated. If you use calculated metrics with linear allocation models, the reports may change slightly to reflect the new, corrected attribution model. This change to calculated metrics will be reflected in Analysis Workspace, Reports &amp; Analytics, the Reporting API, Report Builder, and Ad Hoc Analysis. See the <a href="#">Calculated Metrics</a> documentation for more information about this change.</p>



Notice	Date Added or Updated	Description
Anomaly Detection and Contribution Analysis functionality removed from Reports & Analytics	April 10, 2018	Anomaly Detection and Contribution Analysis have been removed from the Reports & Analytics feature set and are now available only via Analysis Workspace. Adobe Analytics Select and Foundation customers have access only to "daily-granularity" Anomaly Detection in Workspace.
Adobe no longer issuing 3rd-party s_vi cookies for Safari	April 05, 2018	On March 20, 2018, Adobe stopped issuing third-party s_vi cookies for the Safari browser. This change does not impact customers using first-party data collection cookies. This change also removes the visit and visitor inflation experienced by some customers, resulting from Safari ITP.
Update Report Builder before you migrate user IDs to the Admin Console	March 17, 2018	<b>Important:</b> Update your installation of Report Builder to the latest version. This update is a pre-requisite for running the Analytics user ID migration to the Admin Console, beginning in April 2018. See [Analytics User Migration to the Admin Console] for migration information.
Back-end changes that affect reporting	April 11, 2018	A change to the (back-end) lookup mechanism is going to impact reporting in several ways. Please be aware that these changes went into effect around the end of February, 2018: Page renaming will no longer be

Notice	Date Added or Updated	Description
		<p>allowed. Going forward, you will need to use classifications to rename pages. Until the May 10, 2018 release, the system will continue to process the renamed pages as they are currently configured. Adobe is asking all customers to migrate to classifications by that date. After the May release, existing renames will no longer be honored and can change, retroactively, without notice.</p> <p>The URL replacement methodology is different. Previously, Adobe Analytics would store (mostly) the first URL associated with each page name each month. Going forward, we will store the most recent URL for each page name. (Updated April 11, 2018) Category reports for roll-ups and current data in Reports &amp; Analytics are no longer provided. Deprecating category roll-up reports in the Web Service API is effective with the May 10, 2018, Adobe Analytics maintenance release. There is no longer any support for page/prop data from before approximately January 2007 (in some cases, 2006). This only impacts pages, props and page events (i.e. custom links, exit links, download links). Note: This change does not impact reporting in Analysis Workspace</p>

Notice	Date Added or Updated	Description
		<p>or Data Warehouse. If you have data preceding these dates, expect the following: Data will not combine correctly across the pre/post January 2007 boundary. Searches will not work against data before approximately Jan. 2007.</p>
<p>Upcoming support changes for Date-Enabled and Numeric Classifications</p>	<p>May 7, 2018</p>	<p>In the May 10, 2018 Maintenance release, we will begin limiting the functionality of date-enabled and numeric classifications. These classification types will be removed from the Admin and Classification Importer interfaces. From that date on, no new date-enabled and numeric classifications can be added. Existing classifications can still be managed (uploaded to, deleted) through the standard classification workflow, and will continue to be available in reporting.</p>
<p>Upcoming support changes for Marketing Channel Cost and Budget</p>	<p>February 28, 2018</p>	<p>In the April maintenance release, we will remove Marketing Channel Cost and Budget from the Admin &gt; Marketing Channel menu. No new cost and budget data can be added. Existing cost and budget data will continue to be available in reporting, but cannot be updated.</p>
<p>Code Manager - Legacy H Code</p>	<p>February 8, 2018</p>	<p>Downloading legacy JavaScript (H code) from the Code Manager is no longer supported.</p>

Notice	Date Added or Updated	Description
Data retention: Check and set your data retention policy for Adobe Analytics	February 1, 2018	<p><b>Background:</b> The European Union's General Data Protection Regulation (GDPR), which applies as from May 25, 2018, provides that Adobe, in its role as your data processor, must take appropriate measures to assist its customers in fulfilling access, deletion, and other requests from individuals. Applying appropriate, secure, and timely deletion policies is an important part of complying with this obligation. As a result, Adobe would like to work with you to implement a data retention policy before GDPR takes effect on May 25, 2018.</p> <p><b>What to expect:</b> Unless you already have an Adobe Analytics data retention policy in place, Adobe will begin applying data retention as currently specified in customer contracts for Adobe Analytics, unless other arrangements are made. Most Adobe Analytics contracts state that Adobe may delete data after 25 months. Once a data retention policy is in place for your organization, it is enforced on a rolling monthly basis. Data retention for longer periods than 25 months is available for an additional fee. Data retention periods for shorter periods can also be configured by contacting Customer Care. You will soon</p>

Notice	Date Added or Updated	Description
		<p>receive an email with additional details for your organization.</p> <p>Data retention impacts all methods for accessing historical Adobe Analytics data, including but not limited to Reports &amp; Analytics, Analysis Workspace, Report Builder, the Web Services Reporting APIs, data warehouse, and data feeds. <b>Next steps:</b> Identify stakeholders within your organization responsible for making decisions about data retention. Your organization is best placed to know the appropriate period for which Adobe Analytics data should be retained. Contact your Adobe Customer Success Manager if you have questions regarding data retention for Adobe Analytics.</p>

Notice	Date Added or Updated	Description
User account linking	October 26, 2017	Analytics users no longer need to manually link their accounts between the Experience Cloud and Analytics. Users can contact their Admin Console administrator to request Analytics access. The Analytics user ID migration enables administrators to easily migrate user accounts from Analytics User Management to the Adobe Admin Console. After your users are migrated, they will have access to the purchased solutions and core services available in the Experience Cloud. <a href="#">Learn more about the Analytics User ID Migration.</a>

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## Audience Manager

Feature	Description
<a href="#">Trait Recommendations</a>	<p>Trait Recommendations, powered by <a href="#">Adobe Sensei</a>, brings data science into your Audience Manager day-to-day workflows.</p> <p>With Trait Recommendations, when you build or edit a segment in <a href="#">Segment Builder</a>, you get recommendations on additional traits you can include, that are similar to the traits in the segment rule. Add the recommended traits to your segment to increase your target audience.</p>

Feature	Description
<a href="#">Global Data Sources</a>	<p>Global data sources are accessible by all Audience Manager customers and contain device advertising IDs generated by device manufacturers such as Apple, Samsung, Microsoft, Roku, and Android device manufacturers. These IDs are made available by manufacturers for advertising purposes. You can use global data sources to synchronize device IDs and import or export data keyed off of those mappings.</p> <p>Audience Manager validates the device advertising IDs (DAID) imported by customers, based on their format, to ensure they match the standard format outlined by device manufacturers.</p>
<a href="#">ID Mapping Limits</a>	<p>We have improved segmentation, reporting, and exporting of segments by limiting the number of cross-device ID mappings associated to a device ID. The newly imposed limits help us mitigate the impact that incorrect integrations and inaccurate data sets may have on ingestion and downstream processing. The new limits are:</p> <ul style="list-style-type: none"><li>• 100 device IDs per cross-device ID</li><li>• 10 cross-device IDs per device ID</li><li>• 1000 device IDs to 1 device ID</li></ul>

## Fixes

- We improved the segmentation logic for onboarded traits to align with rule-based traits. (AAM-40433)
- The [trait summary page](#) now displays the trait type. (AAM-25784)
- The [segment summary page](#) now contains a hyperlink to the segment's data source, for easier navigation. (AAM-40015)
- Fixed an issue in the Destination Mapping modal in Segment Builder, where users clicking the Add Destination button more than once would create multiple mappings instead of one. (AAM-37177)
- Fixed a bug where the **Select All** checkbox was missing in Algorithmic Models, in the [Select Traits to Exclude](#) page. (AAM-42462)

- Fixed a bug on Safari browsers, where users weren't able to check any Data Export Controls in the Create New Data Source page. (AAM-41178)

## Target

Feature	Description
Visual Experience Composer	<p>The Visual Experience Composer (VEC) includes the following enhancements to make your work quicker and more efficient:</p> <ul style="list-style-type: none"><li>• You can now cancel the loading of a website in the VEC to unblock editing of an activity. This enhancement is useful, for example, if you want to make a small edit to the activity, review its settings, or add custom code and you don't want to wait for the site to load. Actions that cannot be edited before the site loads are disabled in the Target UI. (TGT-31288, TGT-31611, and TGT-32602)</li><li>• The VEC displays the DOM tree so you can easily select the proper element while creating or editing experiences. (TGT-13422)</li></ul>

### Enhancements, Fixes, Changes

You are now instructed to re-authenticate when your session expires while reviewing a report. After you log in again, you are directed back to the report. (TGT-32723)

Refer to the [Adobe Target Release Notes](#) for the latest release information about the following products:

- Target Standard and Premium
- Recommendations Classic

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by



their habits and preferences.

## Push channel Reporting improvements

Several enhancements have been added to Push channel reporting to allow you to measure user engagement more intuitively. With this release, we are expanding the list of Push channel metrics to three different metrics:

- Impressions
- Clicks
- Opens (App Open)

These help you measure and analyze users' interaction with Push notifications more effectively. We are also standardizing the definition and implementation of these metrics. The Push notification built-in report has also been improved with commonly used visualizations and metrics.

For more information, see [Push notification report](#).

## Launch integration for Mobile App

This release contains the integration of Adobe Campaign with the general available (GA) versions of Android and iOS extensions for Adobe Campaign Standard in Adobe Experience Platform Launch and Mobile SDKs. These extensions support push messaging, in-app messaging, and mobile app profile updates.

For more information, see [Using Adobe Experience Platform SDK](#).

## Mobile In-App Messaging

This release contains the GA version of In-App channel in Campaign. From a functional standpoint, the most notable additions to the Beta release are Dynamic reports for In-App channel and secure handshake between Mobile SDK and MCIAS (Marketing Cloud In-App Messaging Service that serves the In-App rules to the SDK). Secure handshake ensures that your users' PII data does not fall into malicious hands and enables you to maintain users' privacy on a shared device by clearing out message cache every time the user logs out.

For more information, see [About In-App messaging](#) and the dedicated [In-App tutorial](#).

## Workflow enhancements

The following workflow capabilities have been added:

- You can now copy-paste activities within a workflow or another workflow from the same Campaign instance. That way, you can easily duplicate an entire workflow or specific activities, and keep the settings that were initially defined. For more information, refer to the [detailed documentation](#). (CAMP-20014)
- When using the **Load file** activity, you can now add a timestamp to the name of the file containing the rejected records. For more information, refer to the [detailed documentation](#).

- **Query** and **Segmentation** activities now let you enable an outbound transition if the activities retrieve no data.

For product documentation, see:

- [Adobe Campaign Classic Release Notes](#)
- [Adobe Campaign Classic Learn & Support](#)
- [Adobe Campaign Standard Learn & Support](#)

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product releases

#### Cloud Manager 2019.2.0

The release of Cloud Manager 2019.2.0 adds System Monitoring. This new capability lets customers view the state of their Adobe Managed Services environments at a system level.

See the associated [Release Notes](#).

#### AEM 6.5

[Unveiling the New Adobe Experience Manager—Cloud](#), Content and Personalization Enhancements in Advance Customer Experience Management (CXM) for Marketers & IT.

#### AEM Assets Brand Portal 6.4.4

Brand Portal 6.4.4 release includes enhancements to enrich the asset search experience for users. It focuses on partial phrase search—and wildcard search—through property predicate and top customer requests.

For details, see [What's new in AEM Assets Brand Portal](#) and [Release Notes](#).

### Core Components

Release 2.3.0 of the core components is now available, introducing a new Separator Component, improvements to the Image Component, and numerous bug fixes. Also introduced is a new Component Library to make experimenting with the components even easier.

### Self help

#### Collaborative Documentation

The following AEM documentation sets have been migrated to a new collaborative documentation platform.

- Core Components
- Dispatcher
- HTL
- Cloud Manager
- Adobe Experience Cloud Library

The content is the same with some improvement in the presentation. More exciting is the new ability to contribute your documentation suggestions. You can do so by way of pull requests, or issues over GitHub by way of the **Edit this page** link and the **Log an issue** link on every page.

## Additional resources

- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Livefyre

New features, fixes, and updates to Adobe Livefyre. Livefyre offers a complete user-generated content offering, including social curation capabilities and on-site engagement applications.

Note:

Livefyre will be ending support of HTTP and TLS 1.1 (and earlier) in compliance with Adobe Security Standards.

>Please consult future release notes for date of final deprecation.

- Fixed an issue where refreshing the Instagram Business Account token resulted in a “duplicate account” error.
- Fixed an issue where updating apps using a custom script created duplicate apps in error.
- Fixed an issue where Instagram content displayed from URL search shows the thumbnail properly in the search results but not in “View Details” or published to an app.
- Fixed an issue where clicking Load More results in an error for some product IDs

See [Livefyre release notes](#) for the latest information.

## Advertising Cloud

Feature	Description
Portfolios and Search Campaigns	<p>In Bid Unit Details, the History and Forecast tabs for all portfolios now include separate tabs for Computers and Tablets. Previously, the separate tabs were available only for portfolios using v7 of the optimization capability.</p> <p>For portfolios using v7, all data for the Computers and Tablets tabs is separate.</p> <p>For portfolios using v6 of the optimization capability, however, both the Computers and Tablets tabs show the combined totals for computers and tablets, which is what was previously shown for Computers+Tablets.</p> <p><b>Note:</b> Whenever the optimization method changes from v6 to v7 and vice-versa, the history data is reset the same day.</p>
Search Campaigns	<p>You can now enable and disable multiple search engine accounts at a time.</p> <p>(Bing Ads accounts) Your existing Bing Ads custom audiences are now included in the Audiences &gt; Library view and are available as targets for Bing Ads ad groups. You can optionally set a bid modifier for each audience target.</p>

## Resources on adobe.com

[Customer Intelligence](#)

[Email Optimization](#)

[Website Personalization](#)

[Dynamic Ad Insertion](#)

[Dynamic Media](#)

[People Based Marketing](#)

# Adobe Experience Cloud release notes - April 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: April 2019

- [Experience Cloud core services and administration](#)
- [Analytics](#)
- [Audience Manager](#)
- [Advertising Cloud](#)
- [Target](#)
- [Experience Manager](#)
- [Primetime](#) (links to solution help)

## Experience Cloud core services and administration

Release notes for the Experience Cloud interface, including Platform core services and product administration.

- [Experience Cloud core services](#)
- [Experience Cloud ID service](#)
- [Mobile Services and Mobile SDK](#)
- [Launch, by Adobe](#) (links to product help)

## Experience Cloud core services

Release notes for the Experience Cloud interface and core services.

- Updated the app switcher to include Marketo in Experience Cloud solution suite, and branding updates to Experience Platform. (MCUI-6529)

- Updated Experience Cloud Home to include navigation links to the Feed and Administration pages. (MCUI-6682)
- Fixed an issue in the Trigger definition for correct usage of “like” clause. (MCUI-6611)
- Improvements to Customer Attributes for better logging in the Subscription service. (MCUI-6519)

For product documentation, see [Experience Cloud and Core Services](#)

## Experience Cloud ID service

- Updated to version 4.2.0.
- Added support for the Audience Manager Plug-in for IAB TCF, available via the ECID Opt-in object.

For product documentation, see [Experience Cloud ID service](#).

## Mobile Services and Mobile SDK

Feature and fixes in Adobe Mobile Services:

### iOS version 4.18.2

- Target: Fixed an issue that prevented the *purchasedProductIds* from being correctly represented as an array for view notifications.

### Android version 4.17.4

- General: Improved support for Android Instant Apps by making reachability checks configurable in *ADBMobileConfig.json* file with the *reachabilityChecksEnabled* boolean property on the root JSON object.

For product documentation, see [Mobile Services](#).

For more information about the Mobile SDKs, see: [Android SDK 4.x for Experience Solutions](#) and [iOS SDK 4.x for Experience Cloud Solutions](#).

## Analytics

- [New Features and Fixes in Adobe Analytics](#)
- [Important notices for Analytics Administrators](#)

For product documentation, see [Analytics Help Home](#).

## New Features in Adobe Analytics

Feature	Description
Segmentation on Distinct Counts	You can now segment on a distinct count of items within a dimension. Examples: "Visitors who viewed more than 5 distinct products," or "Visits where more than 5 distinct pages were seen." (Note that the Approximate Count Distinct function is still available in Calculated Metrics, if you want to create a metric that is a distinct count of a dimension (e.g. # of customers, # of products, etc)).
Ad Hoc Analysis support for Java 11	Ad Hoc Analysis is now compatible with Java 11. Here are some caveats to using Java 11.
Advertising Analytics updates	<p>We are releasing a couple of updates to Advertising Analytics:</p> <ul style="list-style-type: none"> <li>• Yahoo Gemini was absorbed by Microsoft Bing on March 31. As a result, the Yahoo Gemini advertising account option is no longer available.</li> <li>• Google has implemented a new tracking pattern, and instead of using <i>Tracking Template</i>, we now use <i>Final URL Suffix</i>.</li> </ul>
Analysis Workspace	Updates to Optimization Best Practices.

## Fixes

- (Workspace) Fixed issues that prevented the creation of segments from Fallout visualizations. (AN-177042, AN-176876)
- (Workspace) Fixed an issue that prevented the creation of segments from Flow visualizations. (AN-176681)
- (Workspace) Fixed a misalignment issue in tables. (AN-176919)
- (Workspace) Fixed a Japanese UI issue that occurred when collapsing/expanding the visualization panel. (AN-170601)
- Fixed an issue that occurred when trying to switch segments in dashboard reportlets. (AN-177056)
- (Reports & Analytics) Fixed an issue with being unable to select metrics in the Channel Overview report. (AN-176786)

- (Segment Manager) Fixed an issue that resulted in an error message when trying to edit a segment that was shared with multiple Audience Manager data sources. (AN-175353)
- (Workspace) Fixed an issue that prevented non-admin users from seeing components (such as segments) they own that are not curated in virtual report suites. (AN-175616)
- (Admin) Fixed an issue with trying to edit eVars for multiple report suites. (AN-168150)
- (Admin) Fixed an issue with being unable to transfer assets to another user, in the legacy user management UI. (AN-176630, AN-173974)
- (Workspace) Fixed an issue with anomaly detection data being shown prematurely. The fix should result in fewer false positives. (AN-176724)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
Upcoming change to <i>Report Total</i> calculations	April 16, 2019	<p>On June 13, 2019, Adobe Analytics will make <i>Report Total</i> calculations consistent across all dimensions and metrics. This will result in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>Starting on June 13, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p>



Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes will be made to CSV downloads (and Copy to Clipboard) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator will no longer be included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b> .
Upcoming support changes for Date-Enabled and Numeric Classifications	February 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the June 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>
Significantly updated the documentation on the <code>getPercentPageViewed</code> plug-in.	February 12, 2019	<a href="https://experiencecloud.adobe.com">https://experiencecloud.adobe.com</a>

Notice	Date Added or Updated	Description
Admin > General Account Settings	February 7, 2019	<ul style="list-style-type: none"><li>• The setting <i>Replace the last octet of IP addresses with 0</i> is enabled by default for any new report suites created in the London Data Center after January 2019, but only if the settings for those report suites are copied from a template listed in the Admin Console. Report suites whose settings are duplicated from other report suites inherit all settings from the selected report suite.</li><li>• The setting <i>IP Obfuscation</i> is no longer enabled by default for all customers with a report suite set in EMEA.</li></ul>
Mobile browser version numbers	February 7, 2019	Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i> ).

Notice	Date Added or Updated	Description
End of life for Ad Hoc Analysis	Updated January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>
End of Support for TLS 1.0	Updated January 10, 2019	<p>On February 11, 2019 Adobe Analytics reporting will no longer support TLS (Transport Layer Security) 1.0 encryption. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>.</p> <p>Beginning February 20, 2019 Adobe Analytics data collection will no longer support TLS 1.0. With this change, Adobe will no longer collect Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a</p>

Notice	Date Added or Updated	Description
		<p>significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API will no longer support TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"> <li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li> <li>• API clients using Java 8 should not be impacted because the default setting is TLS 1.2.</li> <li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li> </ul>
Update Adobe Report Builder due to end of support for TLS 1.0	September 7, 2018	Due to the end of support for TLS 1.0, we recommended that Adobe Report Builder (ARB) users download ARB v5.6.21 prior to February 7, 2019. <b>After that date, prior versions of ARB no longer function.</b>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	January 9, 2019	Starting on February 7, 2019, CSV downloads (and Copy to Clipboard) from Analysis Workspace will no longer include the thousands separator. Note: The Analysis Workspace UI will continue to show the thousands separator. Additionally, the decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b> .
Data Feed: post_product_list column - size change	January 9, 2019	On February 7, 2019, Adobe plans to expand the size of the post_product_list column from 64 KB to 16 MB. This change is intended to ensure that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.

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Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Dallas FTP server migration (ftp2.omniture.com)	October 19, 2018	On October 23, 2018, if you connect to ftp2.omniture.com via the SFTP protocol, you might be required to re-accept the SJ1 site's host identifier. This issue applies only to October 23. See <a href="#">Upgrading Adobe FTP Servers</a> .
Update to Mobile Device dimension	October 16, 2018	On September 26, Adobe updated its device lookup to Device Atlas's 2.1 API. This caused more detailed devices (e.g. Apple iPhone 7, Apple iPhone 8 Plus, etc.) to appear in the Mobile Device dimension for some browsers. This new level of device detail should be used directionally as is does not extend to all devices and browser types at this time.

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Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder (ARB) users download ARB v5.6.21 prior to February 2019. After that date, prior versions of ARB will no longer function.
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Notice	Date Added or Updated	Description
Changes to linear allocation models in Calculated Metrics	Effective July 19, 2018	<p>On July 19th, Adobe Analytics will revise the way allocation models in calculated metrics are evaluated. As part of this change, calculated metrics that use a non-default allocation model will be migrated to new and improved attribution models. Marketing Channel Last Touch and Marketing Channel First Touch allocation models will be migrated to new Last Touch and First Touch attribution models respectively. (Marketing Channels are not being deprecated, only the two allocation models that appear in calculated metrics). Additionally, we will correct the way linear allocation is calculated. If you use calculated metrics with linear allocation models, the reports may change slightly to reflect the new, corrected attribution model. This change to calculated metrics will be reflected in Analysis Workspace, Reports &amp; Analytics, the Reporting API, Report Builder, and Ad Hoc Analysis. See the <a href="#">Calculated Metrics</a> documentation for more information about this change.</p>

Notice	Date Added or Updated	Description
<p>Anomaly Detection and Contribution Analysis functionality removed from Reports &amp; Analytics</p>	<p>April 10, 2018</p>	<p>Anomaly Detection and Contribution Analysis have been removed from the Reports &amp; Analytics feature set and are now available only via Analysis Workspace. Adobe Analytics Select and Foundation customers have access only to "daily-granularity" Anomaly Detection in Workspace.</p>
<p>Adobe no longer issuing 3rd-party s_vi cookies for Safari</p>	<p>April 05, 2018</p>	<p>On March 20, 2018, Adobe stopped issuing third-party s_vi cookies for the Safari browser. This change does not impact customers using first-party data collection cookies. This change also removes the visit and visitor inflation experienced by some customers, resulting from Safari ITP.</p>
<p>Back-end changes that affect reporting</p>	<p>April 11, 2018</p>	<p>A change to the (back-end) lookup mechanism is going to impact reporting in several ways. Please be aware that these changes went into effect around the end of February, 2018: Page renaming will no longer be allowed. Going forward, you will need to use classifications to rename pages. Until the May 10, 2018 release, the system will continue to process the renamed pages as they are currently configured. Adobe is asking all customers to migrate to classifications by that date. After the May release, existing</p>

Notice	Date Added or Updated	Description
		<p>renames will no longer be honored and can change, retroactively, without notice.</p> <p>The URL replacement methodology is different. Previously, Adobe Analytics would store (mostly) the first URL associated with each page name each month. Going forward, we will store the most recent URL for each page name. (Updated April 11, 2018) Category reports for roll-ups and current data in Reports &amp; Analytics are no longer provided. Deprecating category roll-up reports in the Web Service API is effective with the May 10, 2018, Adobe Analytics maintenance release. There is no longer any support for page/prop data from before approximately January 2007 (in some cases, 2006). This only impacts pages, props and page events (i.e. custom links, exit links, download links). Note: This change does not impact reporting in Analysis Workspace or Data Warehouse. If you have data preceding these dates, expect the following: Data will not combine correctly across the pre/post January 2007 boundary. Searches will not work against data before approximately Jan. 2007.</p>

Notice	Date Added or Updated	Description
Upcoming support changes for Date-Enabled and Numeric Classifications	May 7, 2018	<p>In the May 10, 2018 Maintenance release, we will begin limiting the functionality of date-enabled and numeric classifications. These classification types will be removed from the Admin and Classification Importer interfaces. From that date on, no new date-enabled and numeric classifications can be added. Existing classifications can still be managed (uploaded to, deleted) through the standard classification workflow, and will continue to be available in reporting.</p>
Upcoming support changes for Marketing Channel Cost and Budget	February 28, 2018	<p>In the April maintenance release, we will remove Marketing Channel Cost and Budget from the Admin &gt; Marketing Channel menu. No new cost and budget data can be added. Existing cost and budget data will continue to be available in reporting, but cannot be updated.</p>
Update Report Builder before you migrate user IDs to the Admin Console	March 17, 2018	<p><b>Important:</b> Update your installation of Report Builder to the latest version. This update is a pre-requisite for running the Analytics user ID migration to the Admin Console, beginning in April 2018.</p>
Code Manager - Legacy H Code	February 8, 2018	<p>Downloading legacy JavaScript (H code) from the Code Manager is no longer supported.</p>

Notice	Date Added or Updated	Description
Data retention: Check and set your data retention policy for Adobe Analytics	February 1, 2018	<p><b>Background:</b> The European Union's General Data Protection Regulation (GDPR), which applies as from May 25, 2018, provides that Adobe, in its role as your data processor, must take appropriate measures to assist its customers in fulfilling access, deletion, and other requests from individuals. Applying appropriate, secure, and timely deletion policies is an important part of complying with this obligation. As a result, Adobe would like to work with you to implement a data retention policy before GDPR takes effect on May 25, 2018.</p> <p><b>What to expect:</b> Unless you already have an Adobe Analytics data retention policy in place, Adobe will begin applying data retention as currently specified in customer contracts for Adobe Analytics, unless other arrangements are made. Most Adobe Analytics contracts state that Adobe may delete data after 25 months. Once a data retention policy is in place for your organization, it is enforced on a rolling monthly basis. Data retention for longer periods than 25 months is available for an additional fee. Data retention periods for shorter periods can also be configured by contacting Customer Care. You will soon</p>

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		<p>receive an email with additional details for your organization.</p> <p>Data retention impacts all methods for accessing historical Adobe Analytics data, including but not limited to Reports &amp; Analytics, Analysis Workspace, Report Builder, the Web Services Reporting APIs, data warehouse, and data feeds. <b>Next steps:</b> Identify stakeholders within your organization responsible for making decisions about data retention. Your organization is best placed to know the appropriate period for which Adobe Analytics data should be retained. Contact your Adobe Customer Success Manager if you have questions regarding data retention for Adobe Analytics.</p>

Notice	Date Added or Updated	Description
User account linking	October 26, 2017	Analytics users no longer need to manually link their accounts between the Experience Cloud and Analytics. Users can contact their Admin Console administrator to request Analytics access. The Analytics user ID migration enables administrators to easily migrate user accounts from Analytics User Management to the Adobe Admin Console. After your users are migrated, they will have access to the purchased solutions and core services available in the Experience Cloud. <a href="#">Learn more about the Analytics User ID Migration.</a>

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## Audience Manager

Feature	Description
<a href="#">Trait Recommendations</a>	<p>Trait Recommendations, powered by <a href="#">Adobe Sensei</a>, brings data science into your Audience Manager day-to-day workflows.</p> <p>With Trait Recommendations, when you build or edit a segment in <a href="#">Segment Builder</a>, you get recommendations on additional traits you can include, that are similar to the traits in the segment rule. Add the recommended traits to your segment to increase your target audience.</p>



Feature	Description
<a href="#">Global Data Sources</a>	<p>Global data sources are accessible by all Audience Manager customers and contain device advertising IDs generated by device manufacturers such as Apple, Samsung, Microsoft, Roku, and Android device manufacturers. These IDs are made available by manufacturers for advertising purposes. You can use global data sources to synchronize device IDs and import or export data keyed off of those mappings. Audience Manager validates the device advertising IDs (DAID) imported by customers, based on their format, to ensure they match the standard format outlined by device manufacturers.</p>
<a href="#">ID Mapping Limits</a>	<p>We have improved segmentation, reporting, and exporting of segments by limiting the number of cross-device ID mappings associated to a device ID. The newly imposed limits help us mitigate the impact that incorrect integrations and inaccurate data sets may have on ingestion and downstream processing.</p> <p>The new limits are:</p> <ul style="list-style-type: none"><li>• 100 device IDs per cross-device ID</li><li>• 10 cross-device IDs per device ID</li><li>• 1000 device IDs to 1 device ID</li></ul>

## Improvements

- Users now see an error message when they attempt to create an Algorithmic Model using as baseline a trait type different from rule-based, segment, or onboarded. The errors message is: "Only rule-based traits, onboarded traits and segments can be used as baseline." (AAM-45235).
- The Lifetime metric has been removed from the Traits and Folder Traits pages.
- Segment mapping start and end dates are now included in the Destinations General Report (AAM-44997).

## Fixes

- Fixed an issue causing the Outbound File History Report not to load in some situations (AAM-45713).
- Fixed an issue causing the previously selected trait to be added to Segment Builder when clicking Add Trait on an empty field (AAM-45599).
- Fixed an issue preventing users from editing or deactivating Algorithmic Models that contain excluded traits (AAM-45552).

## Advertising Cloud

Updated on April 15, 2019, for the April 13 release

Feature	Description
Search Campaigns	In the date range selector, the calendar is now arranged from Sunday to Saturday. Previously, it was arranged from Monday to Sunday.
Reports	The Portfolio Report now includes the optional column <i>Portfolio Spend Strategy</i> .

Advertising Cloud help is available in the product under the Help ? menu.

## Target

Release notes for the following upcoming Adobe Target releases:

### Target Standard/Premium 19.4.1 (April 15, 2019)

This release is a maintenance release and includes the following change:

(The issue numbers in parentheses are for internal Adobe use.)

- Updated the Adobe Experience Cloud UI to reflect branding and product changes. (TGT-33546, TGT-33272, and TGT-33331)

### Target Standard/Premium 19.4.2 (April 29, 2019)

This release includes the following features, changes and enhancements:

(The issue numbers in parentheses are for internal Adobe use.)

Feature	Description
Mobile Visual Experience Composer	The Visual Experience Composer (VEC) for Native Mobile Apps lets you create activities and personalize content on native mobile apps in a do-it-yourself fashion without continuous development dependencies and app-release cycles.
Visual Experience Composer	The Visual Experience Composer (VEC) includes the following enhancements to make your work quicker and more efficient: <ul data-bbox="860 598 1494 840" style="list-style-type: none"><li>• You can edit the style of an element, including the background image, in the VEC. (TGT-15001)</li><li>• Target supports HTML5 using configurations on v4.5.1 or higher. (TGT-33618)</li></ul>

### Enhancements, fixes, and changes

- We improved the workflow when you delete assets using the VEC. Deleted assets are now removed from the Offers library and from Scene7 (if applicable) Deleted assets no longer display in search results. (TGT-31981)
- We improved the rendering of image offers in the Assets picker. Displaying and selecting image offers is now quicker and more efficient. (TGT-32897)
- We improved the handling of redirects to URLs when you cancel loading of a page within the VEC. (TGT-33815)
- Toolbar icons display appropriately after you cancel loading of a page within the VEC. If specific actions cannot be performed until after the page is fully loaded, the associated toolbar icons are disabled. (TGT-33811)
- After you select a Recommendations collection from the Collections picker, you must now click the Save button. This workflow is consistent with other workflows within Target. (TGT-33205)

Refer to the [Adobe Target Release Notes](#) for the latest release information about the following products:

- Target Standard and Premium
- Recommendations Classic

# Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

## Product releases

### Cloud Manager 2019.3.0

This month Cloud Manager Release (2019.3.0) adds SLA reporting to the System Monitoring capability delivered in the last release. A visual refresh of some key screens was also added.

- [Release notes](#)

## Product maintenance

### AEM 6.2 Service Pack 1-Cumulative Fix Pack 19

AEM 6.2 SP1-CFP19 (6.2.1.19), released March 07, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.2 SP1, December 2016.

- [Release notes](#)
- [AEM Forms CFP releases](#)

### AEM 6.3 Service Pack 3-Cumulative Fix Pack 3

AEM 6.3 SP3-CFP3 (6.3.3.3), released March 14, 2019, is an important update that includes key customer fixed released since the general availability of AEM 6.3 April 2017.

- [Release notes](#)
- [AEM Forms CFP releases](#)

## Additional resources

- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Resources on adobe.com

[Journey Management](#)

[Targeted Content](#)

[Theme Editor](#)

[Cross Channel Marketing](#)

[Tag Management](#)

[Data Ingestion](#)

# Adobe Experience Cloud release notes - May 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: May 2019

- [Adobe Experience Platform](#)
- [Analytics](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Advertising Cloud](#)
- [Target Standard/Premium 19.5.1](#)
- [Magento](#)
- [Primetime](#)

## Adobe Experience Platform

### Adobe Experience Platform release notes

Version 1.0, May 15, 2019

- See [Experience Platform release notes](#) on Adobe.io for the latest updates to Experience Platform.

### Experience Platform Launch

- See [Experience Platform Launch](#) for the latest information.

### Experience Cloud ID Service

Releasing **May 13, 2019**

- Visitor API 4.3.0 support
- ITP 2.1 support.
- Fixed an issue regarding secureCookie configuration.

## Analytics

New features and fixes in Adobe Analytics:

- [New features and fixes in Adobe Analytics](#)
- [Important notices for Analytics administrators](#)

For product documentation, see [Analytics Help Home](#).

### New features and fixes in Adobe Analytics

Feature	Description
<p><b>AppMeasurement Version 2.14.0</b></p> <ul style="list-style-type: none"> <li>• Fixed issues with management of the state of tracker parameters when multiple hits are pending. (AN-176931, AN-176629, DTM-12758)</li> <li>• Updated AppMeasurement to include Visitor.js 4.3.0 (AN-180049)</li> </ul>	
<p><b>Analysis Workspace:</b> New <i>Include Repeat Instances</i> Flow visualization setting</p>	<p>The <i>Include Repeat Instances</i> flow setting gives you the option to include or exclude repeated instances, such as Page Reloads. Additionally, all Flow visualizations are now based on instances only.</p>
<p><b>Ad Hoc Analysis:</b> Compatibility with Java 11</p>	<p>Ad Hoc Analysis is now compatible with Java 11. Learn how to run <a href="#">Ad Hoc Analysis on Java 11</a>.</p>
<p><b>Data Collection:</b> New s_ecid cookie</p>	<p>Added a new <a href="#">first-party server cookie</a>, s_ecid, in which data collection stores the visitor's ECID.</p>

### Analysis Workspace Fixes

- Fixed an issue affecting Time Spent on Page. Workspace reports will no longer use Page Name when calculating Time Spent buckets, enabling granular and bucketed hits to be counted. (AN-140479)
- Fixed Line visualization performance issues as part of a larger effort to improve Workspace performance. (AN-174878)
- Fixed an issue with lack of UTF-8 encoding in downloaded .csv files. (AN-178393)
- Fixed issues with slow Workspace project performance. (AN-177710)
- Fixed Line visualization display issues with small ranges in the granularity of the y-axis. (AN-176467)

## Other Analytics Fixes

- Audience Analytics: Fixed an issue that occurred after an audience name was changed in Audience Manager (AAM) – the updated name was not reflected in Audience Analytics. (AN-176237)
- Fixed an issue that prevented users from saving Analytics segments in AAM. This was caused by existing AAM folders with mixed uppercase and lowercase names. We now treat all folders as case insensitive so that they will sync. (AN-177934)
- Fixed an issue that occurred when users logged in to Analytics via the Experience Cloud and then the session timed out. When resuming the session, the user was redirected to a faulty URL. (AN-176812)
- Fixed an issue with time zone offsets in Data Warehouse requests. (AN-177585)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
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Notice	Date Added or Updated	Description
Upcoming change to <i>Report Total</i> calculations	April 16, 2019	<p>On <b>June 13, 2019</b>, Adobe Analytics will make <i>Report Total</i> calculations consistent across all dimensions and metrics. This will result in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 13, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report.</p> <p>Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change.</p> <p>This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes will be made to CSV downloads (and Copy to Clipboard) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator will no longer be included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b> .
Upcoming support changes for Date-Enabled and Numeric Classifications	February 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the June 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>
Significantly updated the documentation on the <code>getPercentPageViewed</code> plug-in.	February 12, 2019	<a href="https://experiencecloud.adobe.com">https://experiencecloud.adobe.com</a>

Notice	Date Added or Updated	Description
Admin > General Account Settings	February 7, 2019	<p>* The setting <i>Replace the last octet of IP addresses with 0</i> is enabled by default for any new report suites created in the London Data Center after January 2019, but only if the settings for those report suites are copied from a template listed in the Admin Console. Report suites whose settings are duplicated from other report suites inherit all settings from the selected report suite.</p> <p>* The setting <i>IP Obfuscation</i> is no longer enabled by default for all customers with a report suite set in EMEA.</p>
Mobile browser version numbers	February 7, 2019	Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i> ).
End of life for Ad Hoc Analysis	Updated January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>

Notice	Date Added or Updated	Description
Short Analytics report links	January 14, 2019	Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.
End of Support for TLS 1.0	Updated January 10, 2019	<p>On February 11, 2019 Adobe Analytics reporting will no longer support TLS (Transport Layer Security) 1.0 encryption. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>. Beginning February 20, 2019 Adobe Analytics data collection will no longer support TLS 1.0. With this change, Adobe will no longer collect Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API will no longer support TLS 1.0 encryption. Customers who</p>

Notice	Date Added or Updated	Description
		<p>access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>• API clients using Java 8 should not be impacted because the default setting is TLS 1.2.</li><li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>
Update Adobe Report Builder due to end of support for TLS 1.0	September 7, 2018	Due to the end of support for TLS 1.0, we recommended that Adobe Report Builder (ARB) users download ARB v5.6.21 prior to February 7, 2019. <b>After that date, prior versions of ARB no longer function.</b>

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Data Feed: post_product_list column - size change	January 9, 2019	On February 7, 2019, Adobe plans to expand the size of the post_product_list column from 64 KB to 16 MB. This change is intended to ensure that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.

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Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Dallas FTP server migration (ftp2.omniture.com)	October 19, 2018	On October 23, 2018, if you connect to ftp2.omniture.com via the SFTP protocol, you might be required to re-accept the SJ1 site's host identifier. This issue applies only to October 23. See <a href="#">Upgrading Adobe FTP Servers</a> .
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<p>Back-end changes that affect reporting</p>	<p>April 11, 2018</p>	<p>A change to the (back-end) lookup mechanism is going to impact reporting in several ways. Please be aware that these changes went into effect around the end of February, 2018: Page renaming will no longer be allowed. Going forward, you will need to use classifications to rename pages. Until the May 10, 2018 release, the system will continue to process the renamed pages as they are currently configured. Adobe is asking all customers to migrate to classifications by that date. After the May release, existing</p>

Notice	Date Added or Updated	Description
		<p>renames will no longer be honored and can change, retroactively, without notice. The URL replacement methodology is different. Previously, Adobe Analytics would store (mostly) the first URL associated with each page name each month. Going forward, we will store the most recent URL for each page name. (Updated April 11, 2018) Category reports for roll-ups and current data in Reports &amp; Analytics are no longer provided. Deprecating category roll-up reports in the Web Service API is effective with the May 10, 2018, Adobe Analytics maintenance release. There is no longer any support for page/prop data from before approximately January 2007 (in some cases, 2006). This only impacts pages, props and page events (i.e. custom links, exit links, download links). Note: This change does not impact reporting in Analysis Workspace or Data Warehouse. If you have data preceding these dates, expect the following: Data will not combine correctly across the pre/post January 2007 boundary. Searches will not work against data before approximately Jan. 2007.</p>

Notice	Date Added or Updated	Description
Upcoming support changes for Date-Enabled and Numeric Classifications	May 7, 2018	<p>In the May 10, 2018 Maintenance release, we will begin limiting the functionality of date-enabled and numeric classifications. These classification types will be removed from the Admin and Classification Importer interfaces. From that date on, no new date-enabled and numeric classifications can be added. Existing classifications can still be managed (uploaded to, deleted) through the standard classification workflow, and will continue to be available in reporting.</p>
Upcoming support changes for Marketing Channel Cost and Budget	February 28, 2018	<p>In the April maintenance release, we will remove Marketing Channel Cost and Budget from the Admin &gt; Marketing Channel menu. No new cost and budget data can be added. Existing cost and budget data will continue to be available in reporting, but cannot be updated.</p>
Update Report Builder before you migrate user IDs to the Admin Console	March 17, 2018	<p><b>Important:</b> Update your installation of Report Builder to the latest version. This update is a pre-requisite for running the Analytics user ID migration to the Admin Console, beginning in April 2018.</p>
Code Manager - Legacy H Code	February 8, 2018	<p>Downloading legacy JavaScript (H code) from the Code Manager is no longer supported.</p>

Notice	Date Added or Updated	Description
Data retention: Check and set your data retention policy for Adobe Analytics	February 1, 2018	<p><b>Background:</b> The European Union's General Data Protection Regulation (GDPR), which applies as from May 25, 2018, provides that Adobe, in its role as your data processor, must take appropriate measures to assist its customers in fulfilling access, deletion, and other requests from individuals. Applying appropriate, secure, and timely deletion policies is an important part of complying with this obligation. As a result, Adobe would like to work with you to implement a data retention policy before GDPR takes effect on May 25, 2018.</p> <p><b>What to expect:</b> Unless you already have an Adobe Analytics data retention policy in place, Adobe will begin applying data retention as currently specified in customer contracts for Adobe Analytics, unless other arrangements are made. Most Adobe Analytics contracts state that Adobe may delete data after 25 months. Once a data retention policy is in place for your organization, it is enforced on a rolling monthly basis. Data retention for longer periods than 25 months is available for an additional fee. Data retention periods for shorter periods can also be configured by contacting Customer Care. You will soon receive an email with additional</p>

Notice	Date Added or Updated	Description
		<p>details for your organization. Data retention impacts all methods for accessing historical Adobe Analytics data, including but not limited to Reports &amp; Analytics, Analysis Workspace, Report Builder, the Web Services Reporting APIs, data warehouse, and data feeds. <b>Next steps:</b> Identify stakeholders within your organization responsible for making decisions about data retention. Your organization is best placed to know the appropriate period for which Adobe Analytics data should be retained. Contact your Adobe Customer Success Manager if you have questions regarding data retention for Adobe Analytics.</p>



Notice	Date Added or Updated	Description
User account linking	October 26, 2017	Analytics users no longer need to manually link their accounts between the Experience Cloud and Analytics. Users can contact their Admin Console administrator to request Analytics access. The Analytics user ID migration enables administrators to easily migrate user accounts from Analytics User Management to the Adobe Admin Console. After your users are migrated, they will have access to the purchased solutions and core services available in the Experience Cloud. <a href="#">Learn more about the Analytics User ID Migration.</a>

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## Audience Manager

Feature	Description
<a href="#">IP Address Obfuscation</a>	Your company may desire to obfuscate IP address in many countries due to global privacy regulations. Audience Manager allows you to obfuscate visitor IP addresses on a global or country-by-country basis.

Feature	Description
<a href="#">Custom Partner Integrations - Oracle Data Cloud</a>	This page lists custom integrations between Audience Manager and data partners. Audience Manager ingests cookie and mobile ID data from the Oracle Data Cloud for Audience Marketplace via inbound data files. The custom integration specifications described in this page refer only to inbound data files that contain mobile IDs (IDFA and Android Device IDs).

## Fixes, Enhancements, and Deprecations

- We added two new columns to the General Reports for Destinations. You can now see the Start Date and the End Date for a segment mapping to a destination. (AAM-44781)

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product releases

#### AEM 6.5

AEM 6.5, available as of April 8, 2019, is an upgrade release to the AEM 6.4 code base. Our latest updates to AEM 6.5 give you instant access to exciting improvements that drive your business forward even faster.

- [What's New in Adobe Experience Manager 6.5](#)
- [Release Notes for Adobe Experience Manager 6.5](#)

#### Cloud Manager 2019.4.0

The latest Cloud Manager release (2019.4.0 released April 18, 2019) adds a localized user interface in French, German, and Japanese. Also, deployment steps were improved.

- [Release Notes for Cloud Manager 2019.4.0](#)

### Product maintenance

#### AEM 6.4.4.0

AEM 6.4, Service Pack 4 (6.4.4.0 released April 04, 2019) is an important update that includes key customer fixes released since the general availability of AEM 6.4, April 2018.

[Release Notes for AEM 6.4 Service Pack](#)

[AEM Forms releases](#)

## **AEM S3 Connector**

AEM instances with old versions of S3 Datastore connector may become unavailable due to S3 access failures after the end of support for Signature Version 2 on June 24, 2019. As an AEM customer, Adobe recommends that you verify the version of S3 Datastore connector that you are using. If necessary, update to a recent version.

See [The Impact of AWS Signature Version 2 Deprecation for Amazon S3](#)

## Self-Help

### **Modernizing your AEM Sites codebase**

Learn how to leverage the latest AEM technology to modernize your AEM Sites codebase. [Modernizing Your Existing Adobe Experience Manager Sites Codebase](#)

### **AEM Rich Text Editor – Deep Dive**

Learn best practices around the rich configurations and use of the Rich Text Editor in AEM.

See [AEM Rich Text Editor \(RTE\) Deep Dive](#)

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Lifefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

- Campaign Classic 18.10.4 – build 8983
- Campaign Classic 18.10.5 – build 8984

See [Adobe Campaign Classic Release Notes](#) for fixes and improvements.

For product documentation, see:

- Adobe Campaign Standard: [Documentation - Release Notes - Feature videos](#)
- Adobe Campaign Classic: [Documentation - Release Notes - Feature videos](#)

## Advertising Cloud

Feature	Description
Search Tools	<p>(Advertisers with Google Ads accounts) Advertising Cloud can optionally upload to Google Ads all conversion data it tracks for Google Ads campaigns that use the Advertising Cloud conversion tracking service. Daily uploads include the conversion value defined using the advertiser-level attribution model. All uploaded conversions are prefixed with “Adobe_ACS_” (such as “Adobe_ACS_Subscriptions” for the conversion “Subscriptions”).</p> <p><b>Note:</b> The uploads won’t include conversion data uploaded to Advertising Cloud from feed files.</p>
Search Campaigns	<p>The menu in <b>Search &gt; Campaigns &gt; Campaigns</b> is now hierarchical, with Campaigns under Accounts; Ad Groups under Campaigns; and Keywords (with submenu), Ads, Product Groups (Live views only), Placements (with submenu), and Auto Targets under Ad Groups.</p> <p>In the Live views, Audiences and Extensions are at the same level as Accounts, with their own submenus.</p>

## Target Standard/Premium 19.5.1

This release includes the following features, changes, and enhancements:

(The issue numbers in parentheses are for internal Adobe use.)

### Feature updates

Feature / Enhancement	Description
Single Page App Visual Experience Composer (SPA VEC)	<p>The SPA VEC includes the following enhancements to make your work quicker and more efficient:</p> <ul style="list-style-type: none"> <li>You can now cancel the loading of a website in the VEC to unblock editing of an activity. This enhancement is useful, for example, if you want to make a small edit to the activity, review its settings, or add custom code and you don't want to wait for the site to load. (TGT-33872)</li> <li>You can perform many actions before the page loads in the VEC, or even if the page fails to load altogether (for example, custom code is no longer operational). Actions that cannot be edited before the site loads are disabled in the Target UI. (TGT-33851 &amp; TGT-34149)</li> </ul>
Automated Personalization (AP) & Auto-Target activities	<p>You can select an experience to be used as control while creating an AP or Auto-Target activity. This feature lets you route the entire control traffic to a specific experience, based on the traffic allocation percentage configured in the activity. You can then evaluate the performance of the personalized deliveries against the control experience. (TGT-26572)</p>
Recommendations	<p>You can use the Recommend Previously Purchased Items toggle while creating Recently Viewed Items logic. (TGT-34030)</p>

## Enhancement, fixes, and changes

- Toolbar icons display appropriately after you cancel loading of a page within the VEC. If specific actions cannot be performed until after the page is fully loaded, the associated toolbar icons are disabled. (TGT-33811)
- You can now list and navigate more easily through offer folders in the Asset picker instead of navigating through a flat folder hierarchy. (TGT-33725)

Refer to the [Adobe Target Release Notes](#) for the latest release information about the following products:

- Target Standard and Premium
- Recommendations Classic

## Magento

Magento is an e-commerce platform that provides online merchants with a flexible shopping cart system and control over the look, content and functionality of their online store. Magento is available in an open-source version and a fuller-featured commerce version.

Magento Commerce is part of Adobe Commerce Cloud and offers an eCommerce solution with enterprise power, unlimited scalability, and open-source flexibility for B2C and B2B experiences

Release notes for both our Open Source and Commerce editions can be found on the [Release Information](#) page.

## Primetime

Adobe Primetime is a multiscreen TV platform that helps media companies create and monetize engaging, personalized viewing experiences.

[Primetime Release Notes](#)

[Primetime Help Home](#)

## Resources on adobe.com

[Behavioral Targeting](#)

[Managed Cloud](#)

[Digital Asset Management](#)

[Custom Variables](#)

[Video Analytics](#)

[Display Advertising](#)



# Adobe Experience Cloud Release Notes - June 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: June 13, 2019

- [Adobe Experience Platform](#)
- [Analytics \(Updated June 27, 2019\)](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Mobile Services](#)
- [Advertising Cloud](#)
- [Target Standard/Premium 19.6.1](#)
- [Magento](#)
- [Primetime](#)

## Adobe Experience Platform

### Adobe Experience Platform release notes

- See [Adobe Experience Platform release notes](#) on Adobe.io for the latest updates to Experience Platform.

### Experience Platform Launch

- See [Experience Platform Launch](#) for the latest information.

## Analytics



New features and fixes in Adobe Analytics:

- [New features and fixes in Adobe Analytics](#)
- [Important notices for Analytics administrators \(Updated June 27, 2019\)](#)

For product documentation, see [Analytics Help Home](#).

## New features and fixes in Adobe Analytics

Feature/Enhancement	Description
<b>Segmentation</b>	<p>New attribution models for dimensions in segmentation:</p> <ul style="list-style-type: none"> <li>• Repeating (Default): Includes instances + persisted values for the dimension.</li> <li>• Instance: Includes instances for the dimension.</li> <li>• Non-repeating instance: Includes unique instances (non-repeating) for the dimension.</li> </ul> <p><a href="#">More</a></p>
<b>Segmentation</b>	<p>New segment operators: <b>Equals Any of</b> and <b>Does not Equal Any of</b>. <a href="#">More...</a></p>
<b>Debugger</b>	<p>When logged in with your Adobe ID, you now have the option to retrieve post-processed hits in the Experience Cloud Debugger. Post-processed hits are server calls after they have gone through Processing Rules and VISTA Rules, letting you validate Processing Rules and your VISTA rules.</p> <p><b>Note:</b> If you are using A4T (SupplementalDataID) the post-processing data will can take a few minutes to come back.</p>
<b>Analysis Workspace:</b>	<p>Added new out-of-the-box filters to the left rail search. Beyond what you see today (Dimensions, Metrics, Approved, etc.), new filters such as Calculated Metrics, Customer Attributes, eVars, Props, Video, etc. were added to make it easier to find the components you need.</p>

Feature/Enhancement	Description
<b>Analysis Workspace</b>	<p>We have added a warning to the Fallout visualization that will display when you add a segment as a touchpoint - certain invalid segment container combinations will lead to invalid Fallout diagrams, such as</p> <ul style="list-style-type: none"><li>• Using a visitor-based segment as a touchpoint inside a visitor-context Fallout visualization</li><li>• Using a visitor-based segment as a touchpoint inside a visit-context Fallout visualization</li><li>• Using a visit-based segment as a touchpoint inside a visit-context Fallout visualization</li></ul> <p><a href="#">More...</a></p>
<b>Analytics Documentation Improvements</b>	<p>Analytics documentation has been reorganized and now includes collaboration features that let you improve the content! You can log issues against the documentation and suggest edits. The doc set has moved to a <a href="#">new domain</a>. Redirects should be in place.</p>
<b>New Tech Notes User Guide</b>	<p>The <a href="#">Tech Notes user guide</a> is now available. Currently, it is geared towards helping users more experienced with third-party analytics tools, such as Google Analytics, to become more familiar with Adobe Analytics. The tech notes user guide will expand over the coming months to include additional content.</p>

## Analysis Workspace Fixes

- Fixed an issue with localized Japanese date information in Analysis Workspace visualizations. (AN-180114)
- Fixed an issue that occurred after copying and pasting dimension items. Subsequent searches on the item resulted in an error. (AN-177394)
- Fixed an issue with the edit option missing in segment panels within freeform tables. (AN-171703)

- Fixed an issue with **Set as Landing Page** feature not working when shared with a large set of recipients. (AN-163922)
- Fixed an issue where strings got vertically clipped in Real-time reports. (AN-175980)

### Other Analytics Fixes

- Fixed an issue with Admin users being unable to enable **Success Events**. (AN-176689)
- Fixed an issue that occurred when creating an alert with the **Exit Rate** metric. (AN-177476)

### Important notices for Analytics administrators

Notice	Date Added or Updated	Description
Data Collection update	Added June 27, 2019	All Adobe Analytics cookies with the "same-site-by-default-cookies" flag now have this flag set to SameSite=None.

Notice	Date Added or Updated	Description
Audit Log UI changes	Updated June 25, 2019	<p>In the API Logs .GetUsageLog, the following changes were made to the UI:</p> <ul style="list-style-type: none"><li>• The response headers in the API were changed: a) from timestamp to dateCreated, b) from login to companyLogin, c) from event_num to eventType, d) from event_type to event_type, e) from ip_address to ipAddress, f) from report_suite to rsid, g) from event_details to logText.</li><li>• The timestamp format changed from Unix timestamp to ISO 8601 time</li></ul> <p>In the API as well as the Admin log UI, the audit logs results now contain report suite ID instead of report suite name.</p>
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .

Notice	Date Added or Updated	Description
New segment operator limits	Added May 31, 2019	<p>Starting on July 18, 2019, the segment operators “contains any of”, “does not contain any of”, “contains all of” and “does not contain all of” will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.</p>
Upcoming support changes for <b>Date-Enabled</b> and <b>Numeric 2 Classifications</b>	Updated May 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>

Notice	Date Added or Updated	Description
Upcoming change to <i>Report Total</i> calculations	Updated May 2, 2019	<p>On <b>June 13, 2019</b>, Adobe Analytics will make <i>Report Total</i> calculations consistent across all dimensions and metrics. This will result in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 13, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report.</p> <p>Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change.</p> <p>This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	<p>The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b>. <code>adobe.tools.debug.includeOberonX</code> will cease to function after that date.</p>
Mobile browser version numbers	February 7, 2019	<p>Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i>).</p>
End of life for Ad Hoc Analysis	January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>
End of Support for TLS 1.0	Updated January 10, 2019	<p>As of February 11, 2019 Adobe Analytics reporting no longer supports TLS (Transport Layer Security) 1.0 encryption. This</p>



Notice	Date Added or Updated	Description
		<p>change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>.</p> <p>As of February 20, 2019 Adobe Analytics data collection no longer supports TLS 1.0. With this change, Adobe no longer collects Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API no longer supports TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>• API clients using Java 8 should not be impacted,</li></ul>

Notice	Date Added or Updated	Description
		<p>because the default setting is TLS 1.2.</p> <ul style="list-style-type: none"><li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

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## Audience Manager

### Fixes, Enhancements, and Deprecations

- Audience Manager now only counts active algorithmic models against the usage limit.
- Resolved an issue causing algorithmic model reach not to be displayed for traits that use the corresponding model.
- Resolved an issue causing the contents of trait folders not to be displayed then the folder names contained parantheses and/or brackets.
- Resolved an issue causing trait sorting to fail when selecting only one trait type.
- Resolved an issue causing the trait folder tree to collapse to the All traits view every time you created or update a new subfolder.

- Resolved an issue causing the VIEW\_DATASOURCES permission to be required when attempting to delete a partner.
- Resolved an issue causing the Search box in the Segments page to search in all folders instead of the selected one.
- Resolved an issue blocking the Exclude Traits table from being sorted through the header controls, when creating a new algorithmic model.
- Resolved an issue causing Audience Manager to crash when running any report with empty interval dates.

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product releases

#### Cloud Manager 2019.5.0

The latest Cloud Manager release (2019.5.0) does not contain significant functional changes though it delivers a couple of bug fixes.

- [Release Notes for Cloud Manager 2019.5.0](#)

### XML Documentation for AEM

The 3.3 release for the XML Documentation solution is now available. See the following release notes:

#### *Advanced map features*

- Add topic references by using either drag and drop from the repository view or using the horizontal bar and the element catalog.
- Add metadata on a topic ref, chunk, like nav title, format, scope, and so on.
- Clicking on the topic ref should open the topic in the editor (preview mode if not checked out and disable edit with checkout is enabled).
- Add Topic Head and Topic Group.
- Add bookmaps with Frontmatter (Topics, Preface, book list, notices, and so on) and Backmatter (Topics, Appendices, glossary, and so on).
- In Author mode, broken links are highlighted, breadcrumbs are shown, and Full Tags View is available.
- Ability to set map level attributes.

- Ability to set Title/BookTitle.
- Support for Reltables with the ability to add rel header, columns, drag/drop topics from the map and repository to the rel table, set linking, scope, and other parameters for the links, re-order links within the cell.
- Toolbar widget to insert before, insert after and insert element.
- Highlight if a condition is applied on a topic.
- Ability to edit multiple maps at a time (each map opens as a tab on the same browser).
- In the map panel and the repository view, on hover - show full topic title and file name.

### ***Full Tags View***

- Insert new tags between two elements.
- Copy and paste tags.
- Drag and drop tags at allowed and not allowed positions within a file.
- Expand and collapse tags.

### ***DITA-specific search enhancements***

- Provided a serialization tool to reindex selected content
- Users can use contains and exact match in their search. They can also search using the following parameters. :
  - Asset Metadata. For example, file name, title, or any custom metadata defined by the customer.
  - DITA Attribute Name and its value. For example, platform=winOS.
  - DITA Element Name and its value. For example, author = Joe Smith.
  - DITA Element Name and its applied attribute. For example, table with product=SpaceBase attribute name/value pair applied to it.
  - DITA topic and map metadata.
  - DITA information type. For example, map, topic, concept, and so on.
  - Root Folder Path where the asset is located.
  - Document state.
  - Checked-out status.
  - Modified date range.
  - CQ tags.
- It is possible to create complex queries by combining one or more of the above search parameters.

## ***Review feature changes***

- Tips for a reviewer:
  - Import all comments and incorporate the changes for on-going reviews before upgrading to the 3.3 build.
  - Ensure that multiple tabs are not open for the editor.
  - Ensure that the Full Tags view is not enabled.
  - Do not switch between Author mode and Source mode while the review is in progress.
- Ability to specify the version of my content which is to be reviewed.
- Ability to choose the versions of the selected topics based on a baseline, date, label or the currently active version, or specify the versions for each of the topics while creating a review.
- Ability to send same topic/map for review multiple times and author can access all reviews in review panel of editor.
- As an initiator, ability to push a later version of the content for the reviewers. The reviewers will get a notification when a new content is pushed for review.
- As an author, user will have the ability to see the review comments for all versions of their content in the review panel of the editor. Authors will be able to filter the comments by version number.
- As an author user will have the ability to view and import comments on an older version of the content in the editor which was under review.

## ***Miscellaneous***

- Create a new folder, topic, or map from the Repository view.
- View in Assets UI – Add a menu option for both folders and topics - "View in Assets UI". This option opens the Assets UI where the user can see the content tree on the left and all the files in List view on the right with all the assets menus on the top.
- A Review dashboard is now available as a Tile on the DITA project which tracks the review on a Reviewer Level and a Review Task Level.
- Added ability to convert IDML to DITA.
- Provide API to apply given label on all specified versions in a baseline.
- Enable an event after XHTML/DOCX to DITA conversion is complete. You can use this event to add specialized attributes to the converted content, or for any other custom logic that you need to implement.
- Baseline Performance Tab improvements were made. User needs to run a script on all existing baselines first.
- Enhancements were made to the XHTML to DITA conversion.

- DITA-OT Offloading for Publishing Optimization.
- Fixed sorting on the Type column in List view.
- Ability to now handle cascaded styles in Word to DITA conversion.

## Community

### [Cloud Manager Skill Builder webinar series](#)

Interested in learning how DevOps processes can simplify daily activities for Adobe Experience Manager management in the cloud? Cloud Manager provides the first-generation of cloud-native functionality for Adobe Experience Manager that enables cloud agility, whether your organization is beginning its DevOps transformation or is looking for strategies to augment existing DevOps processes.

[In this monthly series](#), you can learn directly from Adobe's product team about how to get started and use Cloud Manager features to simplify Adobe Experience Manager management in the cloud.

You will learn the following:

- How to get started on Cloud Manager and setup the CI/CD Pipeline
- How Autoscaling and Transparent Service Delivery work and can simplify Adobe Experience Manager environment management in the cloud
- How to use the Cloud Manager API and integrate existing DevOps processes

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by

their habits and preferences.

## Campaign Classic 19.1 Spring Release

Functionality	Description
Control Panel	<p>To increase efficiency in your work as an Admin user, manage settings of your SFTP servers by monitoring storage, whitelisting IP addresses, and installing SSH keys for each instance. Please note Control Panel is only available for customers hosted on AWS as of today. <a href="#">Log in through the Experience Cloud</a>.</p> <p>For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a>.</p>
Audit Trail	<p>As admin, increase productivity by monitoring and managing changes made within the Adobe Campaign Classic instance. The Audit Trail will log actions made on Source Schema, Workflow and Option. You can quickly see if an element has been created, modified or deleted.</p> <p>For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a>.</p>
Guardrail, Robustness & Scalability	<p>A series of improvements has been added to Campaign Classic. Guardrail, robustness and scalability improvements are listed in <a href="#">Adobe Campaign Classic Release Notes</a>.</p>
Secure SMS Messaging (TLS)	<p>Secured SMS is now supported through the Extended Generic SMPP Connector. This allows an encrypted connection to the provider.</p> <p>For more information, refer to the <a href="#">detailed documentation</a>.</p>



Functionality	Description
Compatibility Matrix Update	<p>With this new version, Adobe Campaign now supports the following database systems. Refer to the <a href="#">Compatibility Matrix</a></p> <ul style="list-style-type: none"> <li>• Oracle 18c</li> <li>• MySQL 5.7 (FDA)</li> <li>• SQL Server 2017</li> <li>• Teradata 16 (FDA)</li> <li>• PostgreSQL 11</li> </ul>

See [Adobe Campaign Classic Release Notes](#) for fixes and improvements.

## Campaign Standard 19.2 Spring Release

Functionality	Description
Control Panel	<p>To help increase efficiency in your work as an Admin user, you can easily monitor capacity and manage settings of your instances (starting with SFTP servers management).</p> <p>For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a>.</p>
Local notifications	<p>Local notification messaging allows you to inform your users when new data becomes available within their mobile applications, even without having access to the Internet or the mobile application running in the foreground. Local notifications are triggered by a mobile application on a particular time and depending on an event.</p> <p>For more information, refer to the <a href="#">detailed documentation</a>.</p>

Functionality	Description
Workflow enhancement - Add a payload to external signal activity	<p>Start a workflow with a payload when defined conditions are successfully met from another workflow or a REST API call to integrate with your external systems. This also includes a new test activity where you can run tests on this functionality.</p> <p>For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a>.</p>
Landing Pages enhancement - Google reCAPTCHA	<p>Leverage Google reCAPTCHA to prevent spam on your landing pages without requiring any action from your customers.</p> <p>For more information, refer to the <a href="#">detailed documentation</a>.</p>

For product documentation, see:

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [Feature videos](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [Feature videos](#)

## Mobile Services

- TLS 1.0 has been disabled on all Adobe servers. For Android 4.x devices to connect to Adobe services through SSL, the SDK will now force TLS 1.1/TLS 1.2 when establishing a handshake.

## Advertising Cloud

Updated: June 5, 2019, for June 8 release

Product	Feature	Description
Search Campaigns, Label Classifications, and Constraints	Keyboard shortcuts	You can now use <b>Shift+Click</b> to select multiple, consecutive rows and <b>Ctrl+Click</b> to select multiple, non-consecutive rows.

Product	Feature	Description
	Select All vs. Select All on Page	In data tables, when you select the top check box to select all rows, the new default is to select all of the rows on the page (based on whether you're viewing 25 rows, 50 rows, 100 rows, 200 rows, or Continuous Scroll). You still have an option to select all rows available.
Default views, custom views, and stand-alone column customization settings	Column re-ordering	New Up and Down buttons allow you to reorder columns. You can still drag and drop columns to reorder them, like you could previously.

## Target Standard/Premium 19.6.1 (June 25, 2019)

Refer to the Adobe Target Release Notes for the latest release information:

[Target release notes \(prerelease\)](#)

[Target release notes \(current\)](#)

## Magento

Magento is an e-commerce platform that provides online merchants with a flexible shopping cart system and control over the look, content and functionality of their online store. Magento is available in an open-source version and a fuller-featured commerce version.

Magento Commerce is part of Adobe Commerce Cloud and offers an eCommerce solution with enterprise power, unlimited scalability, and open-source flexibility for B2C and B2B experiences.

Release Notes for both our Open Source and Commerce editions can be found on the [Release Information](#) page.

## Primetime

Adobe Primetime is a multiscreen TV platform that helps media companies create and monetize engaging, personalized viewing experiences.

[Primetime Release Notes](#)

[Primetime Help Home](#)

## Resources on adobe.com

[Omnichannel Personalization](#)

[Theme Editor](#)

[Campaign Reporting](#)

[Analytics Integration](#)

[Omnichannel Marketing](#)

[Audience Segmentation](#)

# Adobe Experience Cloud Release Notes - July 2019

New features and fixes in the Adobe Experience Cloud.

## **NOTE**

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: July 18, 2019

- [Experience Cloud core services and administration](#)
- [Analytics - \(Updated July 15\)](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Target Standard/Premium 19.6.1](#)
- [Magento](#)

## Core services and administration

Release notes for the Experience Cloud interface, including Platform core services and product administration.

- [Experience Cloud ID Service](#)
- [Mobile Services and Mobile SDK](#)
- [Experience Platform Launch](#)
- [Security bulletins and advisories](#)

## Experience Cloud ID Service

### Fixes and updates

- `cookieDomain` config update: The library will automatically assign a top-level cookie domain when `cookieDomain` in `initConfig` is not set. (CORE-29223)

- Fixed an issue for `getVisitorValue` in `localVisitor`. (CORE-31287)
- Fixed an inconsistency of `MCOPTOUT` value in parent visitor versus `iframe` child visitor from `getVisitorValue` method. (CORE-29719)
- Fixed a vulnerability issue in jQuery 3.2.1. (CORE-31183)
- Opt-in update: added `optIn.off` to unsubscribe from events.
- Fixed an issue related to `setTimeout` function. (CORE-30623)

See [Experience Cloud ID Service](#) for cumulative release notes.

## Mobile Services and Mobile SDK

iOS and Android were updated as follows:

### iOS

- Adobe Target: All requests now include the client and the `sessionId` in the URL query parameters.
- Adobe Target: Fixed a memory leak.
- Visitor ID Service: The `visitorAppendToURL` and `visitorGetUrlVariablesAsync` APIs no longer double-encode their return values. The double-encoding was causing the return values from those APIs to be flagged by certain security reviews.

### Android

- Target: All requests now include the client and the `sessionId` in the URL query parameters.
- In-app Messaging: Fixed an issue where, when a message was triggered with an empty clickthrough URL, Android apps crashed.
- Visitor ID Service: The `Visitor.appendToURL` and `Visitor.getUrlVariablesAsync` APIs no longer double-encode their return values. The double-encoding was causing the return values from those APIs to be flagged by certain security reviews.

For product documentation, see [Mobile Services](#).

For more information about the Mobile SDKs, see: [Android SDK 4.x for Experience Solutions](#) and [iOS SDK 4.x for Experience Cloud Solutions](#).

## Experience Platform Launch

See [Experience Platform Launch](#) (links to product help) for release notes and product documentation.

## Security bulletins and advisories

See [Security bulletins and advisories](#) for important information regarding security vulnerabilities that could affect specific versions of Adobe products.

## Analytics

- [New features and fixes in Adobe Analytics \(Updated July 15\)](#)
- [Important notices for Analytics administrators](#)

### New features in Analytics

For product documentation, see [Analytics Help Home](#).

Component	Description
Analysis Workspace – Cohort Analysis enhancements	New <a href="#">Cohort Analysis settings</a> have been added: <ul style="list-style-type: none"> <li>• Only show percent</li> <li>• Round percent to nearest whole</li> <li>• Show an average percent row</li> </ul>
Analysis Workspace	In the left rail, users now have the option to <i>Show items from last 18 months</i> . Previously, the lookback period was a maximum of 6 months. This makes it easier to compare to pages or campaigns from last year, up to 18 months ago.
New Analysis Workspace template	We added a new template called “ <a href="#">Magento: Marketing &amp; Commerce</a> ” to Analysis Workspace. It is designed specifically for Magento e-commerce customers, but any retailer can use it to get unique insights into their commerce activities.

### Analysis Workspace fixes

- Fixed an issue that caused multi-byte characters to be shown upside down when breaking down dimensions. (AN-180112)
- Fixed an issue with visualization errors – we now show a red error bar when a visualization error occurs. (AN-175542)
- Fixed an issue where dimension names appeared as English in localized environments.(AN-178695)

## Analytics fixes

- Fixed an issue that caused the line graph in a real-time drill-down report to be blank. (AN-181690)
- Fixed an issue where, in some circumstances, portions of the data feed history were not being displayed in the Admin Console UI. (AN-176219)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .
New segment operator limits	Added May 31, 2019	Starting on July 18, 2019, the segment operators “contains any of”, “does not contain any of”, “contains all of” and “does not contain all of” will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.



Notice	Date Added or Updated	Description
<p>Upcoming support changes for <b>Date-Enabled</b> and <b>Numeric 2 Classifications</b></p>	<p>Updated May 28, 2019</p>	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>

Notice	Date Added or Updated	Description
Change to <i>Report Total</i> calculations	Updated July 9, 2019	<p>On <b>June 18, 2019</b>, Adobe Analytics made <i>Report Total</i> calculations consistent across all dimensions and metrics. This will result in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 18, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change, specifically dimensions where <i>Unspecified</i> has a special name such as the "Typed/Bookmarked" line item for Referrer Type dimension or the "Other" line item for the Device Type dimension. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p> <p><b>Note:</b> This <i>Report Total</i> calculation is now called <i>Grand Total</i>. See "Analysis Workspace: Update to Freeform table totals" in the <a href="#">October 2019 release notes</a>.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	<p>The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b>. <code>adobe.tools.debug.includeOberonX</code> will cease to function after that date.</p>
Mobile browser version numbers	February 7, 2019	<p>Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i>).</p>
End of life for Ad Hoc Analysis	January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>
End of Support for TLS 1.0	Updated January 10, 2019	<p>As of February 11, 2019 Adobe Analytics reporting no longer supports TLS (Transport Layer Security) 1.0 encryption. This</p>

Notice	Date Added or Updated	Description
		<p>change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>.</p> <p>As of February 20, 2019 Adobe Analytics data collection no longer supports TLS 1.0. With this change, Adobe no longer collects Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API no longer supports TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>• API clients using Java 8 should not be impacted,</li></ul>

Notice	Date Added or Updated	Description
		<p>because the default setting is TLS 1.2.</p> <ul style="list-style-type: none"><li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

## AppMeasurement

Released July 15, 2019:

### AppMeasurement for JavaScript 2.15.0

- Added Activity Map scroll reach tracking to the Activity Map extension (AN-172949)
- Added DIL 9.2 to AppMeasurement. (AN-182472)

See [AppMeasurement release history](#) for a release history of AppMeasurement on the following platforms:

- JavaScript
- iOS
- Android

- Flash-Flex
- OSX
- Windows Phone, XBOX, Silverlight, and .NET
- BlackBerry
- Java
- PHP
- Symbian

## Data Workbench

- Updated the help definition for [log \(X, B\)](#) metric syntax documentation. (AN-180527)

See [Data Workbench release notes](#) for the latest information.

# Audience Manager

## Fixes and Enhancements

- On the Segments Overview page, the width of the segment storage folder is now flexible. This allows you to distinguish between segments with longer names. (AAM-48400)
- Fixed an issue in Algorithmic Models, where moving the **Adjust Reach & Accuracy** slider did not affect the model's reach or accuracy. (AAM-47996)
- Fixed an issue in Analytics destinations where the button to download a .csv file of segments that conflict with data export controls and/or third-party data sharing policies was broken. (AAM-48100)
- Fixed an issue where customers were seeing random "Access denied" errors when logging into the Audience Manager user interface. (AAM-47632)

# Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

## Product releases

New feature information for the following products:

### Cloud Manager 2019.6.0

The latest Cloud Manager release (2019.6.0) contains a new [Product Update Wizard](#) to help customers successfully run an AEM update.



- [Release Notes for Cloud Manager 2019.6.0](#)

## XML Documentation 3.4

The XML Documentation 3.4 solution is now available.

### Release notes

- Support added for AEM 6.5.
- Editor changes:
  - Map level preview.
  - Tables - provided an option to copy an entry or a complete row within a table using copy and paste.
  - Tables - provided an option to select multiple cells in a column and straddle or merge them.
  - Tables - provided a way to set table column properties in the Author mode of the web editor.
  - Tables - provided a way to adjust column proportions and size in a standard table.
  - Tables - Selecting rows and columns in Author view.
  - Tables - Enabled styles and properties (align, valign) in web editor for table cell alignment.
  - Bug fixes to the Full Tags View including scenarios for copy and paste and drag and drop of content.
  - Show topic titles in Editor tabs.
  - Resolved performance issues in the web editor.
- Transfer baseline to the translated content during translation.
- Transfer condition preset during translation workflow.
- Added ability to apply labels to all dependents of a map from baseline.
- Provided a button to download the map with all the dependents as a zip.
- XHTML to DITA conversion improvements to the following:
  - The name of the generated DITAMAP is now identical to the name of the uploaded zip file.
  - Added support for additional HTML elements and attributes.
  - Support for concurrent html-zip file ingestion.
  - The sub-folder hierarchy where the zip is uploaded (*under input path as configured in h2d\_io.xml*), is retained for the generated output (*under the configured output path*).
- Provided audit logs to see who reverted to what version and why.
- AEM Site regeneration:
  - Disable regeneration for sub-maps.
  - Post generation workflows enabled for regeneration use cases.

- Disable the regenerate option for a chunked topic and make the option available for parent topic where chunked attribute is applied.
- DITA search now works on AND logic in AEM Asset search.
- Results to not bring up the temporary files stored in the translation output folder.
- Baseline tab:
  - Performance improvements when opening a baseline.
  - Choosing topics by date to work on the client timestamp.
- API for deleting labels.

## Product maintenance

### AEM 6.2 SP1-CFP20

AEM 6.2 Service Pack 1–Cumulative Fix Pack 20 (6.2.1.20), released June 6, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.2 SP1 December, 2016.

- [Release notes](#)
- [AEM Forms CFP releases](#)

### AEM 6.3.3.5

AEM 6.3.3.5, released July 3, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.3 April, 2017.

- [Release notes](#)
- [AEM Forms CFP releases](#)

### AEM 6.4.5.0

AEM 6.4.5.0, released July 3, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.4 in April, 2018.

- [Release notes](#)
- [AEM Forms CFP releases](#)

### AEM 6.5.1.0

AEM 6.5.1.0, released July 3, 2019, is an important update that includes key customer fixes released since the general availability of AEM 6.5 in April, 2019.

- [Release notes](#)
- [AEM Forms CFP releases](#)

## Self-help

### AEM cache invalidation update

An important AEM patch for the AEM 6.5 clientlibs cache invalidation is available by way of the [AEM 6.5.1.0 update](#) or this [KB article](#).

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livesyfe release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

For release notes, see:

- Adobe Campaign Classic [19.1.2](#) – build 9029
- Adobe Campaign Standard [19.2.3](#)
- Adobe Campaign Standard [19.2.4](#)
- Adobe Campaign Standard [19.2.7](#)

For product documentation, see:

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [Feature videos](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [Feature videos](#)

## Target

See [Target release notes \(pre-release\)](#) for the latest release information about Target.

## Magento

For information about Magento Commerce and Magento Open source release notes, see:

- [Magento Open Source 2.3.2 Release Notes](#)
- [Magento Commerce 2.3.2 Release Notes](#)

## Resources on adobe.com

[Multi Armed Bandit Testing](#)

[Website Personalization](#)

[Email Testing](#)

[Customer Segmentation](#)

[Attribution Measurement](#)

[Enterprise Search Tools](#)

# Adobe Experience Cloud Release Notes - August 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: August 8, 2019

- [Experience Cloud and Experience Platform](#)
- [Analytics \(Updated August 23, 2019\)](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Ad Cloud](#)
- [Target](#) (links to solution help)
- [Primetime](#) (links to solution help)

## Experience Cloud and Experience Platform

Release notes for the Experience Platform, Experience Cloud interface, product administration, Experience Platform Launch, Identity Service, and security bulletins.

- [Experience Cloud interface](#)
- [Experience Platform Launch](#)
- [Security bulletins and advisories](#) (All Adobe products)

### Experience Cloud interface

- Fixed a critical issue in Experience Cloud login that led to session logout for some users. (MCUI-6908)
- Updated Experience Cloud login to improve performance and reduce latency. (MCUI-6854, MCUI-6869, MCUI-6883)

- Updated interface cosmetically. (MCUI-6861, MCUI-6911, MCUI-6862)
- Fixed an issue with Experience Cloud Triggers that led to incorrect interpretation of *Like* clause in the Trigger definition. (MCUI-6611)

For product documentation, see [Experience Cloud](#).

## Experience Platform Launch

See [Experience Platform Launch](#) for release notes and product documentation.

## Analytics

New features and fixes in Adobe Analytics:

- [New features, enhancements, and fixes in Adobe Analytics \(Updated August 20, 2019\)](#)
- [Important notices for Analytics administrators](#)
- [AppMeasurement \(Updated August 23, 2019\)](#)

For product documentation, see [Adobe Analytics Help Home](#).

## New features, enhancements, and fixes in Adobe Analytics

Feature	Description
Support for SameSite cookie settings	The <a href="#">SameSite cookie setting</a> will be added to all cookies set by Analytics. This change allows you to be compliant with the Chrome changes requiring the SameSite cookie field. Analytics cookies will default to none. If you have exclusively used a 1st-party domain (e.g. stats.domain.com) you can have Adobe Customer Care set it to lax for 1st-party collection domains.
Workspace: Increase item limit for dropdown filter from 50 to 200	We increased the limit of items that can be placed in a dropdown filter from 50 to 200. This enhancement accommodates a variety of use cases, such as adding all countries (195) to a filter, or all US states and provinces (52).

Feature	Description
A4T Activity Impressions and Activity Conversions enabled for Attribution IQ	We have enabled two Analytics for Target (A4T) metrics for Attribution IQ: Activity Impressions and Activity Conversion. Previously, in Analysis Workspace, these metrics were inflated compared to Reports & Analytics. With this change, users can now apply a “same touch” attribution model, which will bring Analysis Workspace in line with Reports & Analytics.

## Fixes

- Fixed an issue with the text display in real-time reports when in full-screen mode. (AN-183168)
- **(Updated August 20, 2019)** Data collection now rejects redirect URLs that contain “@” signs to prevent attackers from redirecting to malicious sites via allowed domains.
- **(Updated August 20, 2019)** Visitor Migration is now disabled for all hits coming from browsers which do not support the SameSite Cookie attribute, and if the hit contains a 3rd-party cookie.
- **(Updated August 20, 2019)** Fixed an issue where first hits were not sent the s\_vi cookie for a new visitor.

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
Support for Historical Timezone Offsets	August 8, 2019	Analytics will now automatically handle timezone offsets for timestamped hits. Following this change on August 8, systems that load in data for historical processing will no longer need to adjust for timezone offsets before sending in the data.
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .

Notice	Date Added or Updated	Description
New segment operator limits	Added May 31, 2019	<p>Starting July 18, 2019, the segment operators <i>contains any of</i>, <i>does not contain any of</i>, <i>contains all of</i> and <i>does not contain all of</i> will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.</p>
Upcoming support changes for <b>Date-Enabled</b> and <b>Numeric 2 Classifications</b>	Updated May 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change will take effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>



Notice	Date Added or Updated	Description
Change to <i>Report Total</i> calculations	Updated July 9, 2019	<p>On <b>June 18, 2019</b>, Adobe Analytics made <i>Report Total</i> calculations consistent across all dimensions and metrics. This will result in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 18, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change, specifically dimensions where <i>Unspecified</i> has a special name such as the "Typed/Bookmarked" line item for Referrer Type dimension or the "Other" line item for the Device Type dimension. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p> <p><b>Note:</b> This <i>Report Total</i> calculation is now called <i>Grand Total</i>. See "Analysis Workspace: Update to Freeform table totals" in the <a href="#">October 2019 release notes</a>.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	<p>The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b>. <code>adobe.tools.debug.includeOberonX</code> will cease to function after that date.</p>
Mobile browser version numbers	February 7, 2019	<p>Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i>).</p>
End of life for Ad Hoc Analysis	January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>
End of Support for TLS 1.0	Updated January 10, 2019	<p>As of February 11, 2019 Adobe Analytics reporting no longer supports TLS (Transport Layer Security) 1.0 encryption. This</p>

Notice	Date Added or Updated	Description
		<p>change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>.</p> <p>As of February 20, 2019 Adobe Analytics data collection no longer supports TLS 1.0. With this change, Adobe no longer collects Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API no longer supports TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>• API clients using Java 8 should not be impacted,</li></ul>

Notice	Date Added or Updated	Description
		<p>because the default setting is TLS 1.2.</p> <ul style="list-style-type: none"><li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

## AppMeasurement

AppMeasurement 2.17.0 released on August 23, 2019.

Feature/Fix	Description
Added Baidu support	Added support for Baidu query string reordering.
Fix	Fixed an issue that caused stale visitor values in hits that were queued while waiting for opt-in.

AppMeasurement 2.16.0 released on August 8, 2019.

Feature	Description
sendBeacon support for exit links	Implemented sendBeacon support in AppMeasurement for exit links. This will improve exit link tracking and will likely result in increased traffic.
ECID/fid values	ECID/fid values are now cached on the first hit even though OptIn settings change.
DIL 9.3	Updated Audience Manager Module to DIL 9.3
Scroll reach tracking	Exposed switch in s.ActivityMap.trackScrollReach to turn scroll reach tracking on or off.
Visitor ID Service 4.4.0	Upgraded AppMeasurement to use Visitor ID Service 4.4.0.

## Fixes

- Fixed a bug in AppMeasurement queuing that occurred before isReadyToTrack was true.

See [AppMeasurement release history](#) for a release history of AppMeasurement on the following platforms:

- JavaScript
- iOS
- Android
- Flash-Flex
- OSX
- Windows Phone, XBOX, Silverlight, and .NET
- BlackBerry
- Java
- PHP
- Symbian

## Audience Manager

### Fixes and Improvements

- The Administration tab now only appears to user accounts with administrative privileges (AAM-48557).
- The List Users API now returns full user details (AAM-48662).
- You can now resize the trait folder list (AAM-48800).
- Multiple UI accessibility optimizations (AAM-48865, AAM-48933).
- Loading optimizations for the Administration and Data Sources pages (AAM-48514).

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product end-of-life

Digital Publishing Suite Classic (DPSC) will end-of-life on August 31, 2019. For more information, see the [Digital Publishing Suite Classic End-of-Life FAQ](#).

### Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

### Adobe Campaign Standard

[Campaign Standard 19.3 Release](#)

Feature	Description
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Feature	Description
External API Activity (Public Beta)	For deeper personalization, External API Activity allows you to bring data from external systems into a workflow via a REST API call. The REST endpoints can be a customer management system, Adobe I/O Runtime or Adobe Experience Cloud REST endpoint (e.g. Data Platform, Target, Analytics, Campaign). This capability is currently in public beta. For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a> .
Report on workflow segment	This feature allows marketers to break down their delivery performance by segment code. When you create a workflow and use a segmentation activity to assign segments to the delivery population, these segments can now go into the same delivery. This allows you to display the opens/clicks statistics based on multiple segments within a single delivery. For more information, refer to the <a href="#">detailed documentation</a> and the <a href="#">how-to video</a> .

## Adobe Campaign Classic

[Campaign Classic 19.1.3 update](#) – build 9031

## Adobe Campaign Control Panel

[New Control Panel capabilities](#) include the ability to add URLs that Campaign Classic connects to for data/file transfers.

Please note that Control Panel is available for both Adobe Campaign Classic and Adobe Campaign Standard customers hosted on AWS. No upgrades are required to access Control Panel.

## Additional resources

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [How-to videos](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [How-to videos](#)

## Advertising Cloud

Updated: August 9, 2019, for August 10 release

- (Advertisers with the Advertising Cloud conversion tracking service) With Apple's Intelligent Tracking Prevention (ITP) 2.2, which was released in May, Advertising Cloud conversion-tracking cookies are automatically deleted from Apple Safari browsers after 24 hours. Advertising Cloud has a new ITP solution, however, that enables you to track conversions that occur within Safari for more than 24 hours after the original click. The solution uses local storage and iframe technology. Contact your Advertising Cloud Search account manager for the implementation instructions.
- In Search > Advanced (ACM), you can now configure campaign-level final URL suffixes for Google text ad and shopping ad templates.
- Advertisers with Google Ads accounts that are eligible for Customer Match can now do the following:
  - Create a Google Ads customer match audience using user IDs from an Adobe audience segment. To see this feature, the advertiser account must be configured to allow it.
  - Create a Google Ads customer match audience by uploading a customer data file. The file can consist of contact information (email addresses, mailing addresses, or telephone numbers), user IDs, or mobile device IDs. Some types of contact information must be hashed using the SHA-256 algorithm.
  - Update any Google customer match audience except audiences created from an Adobe audience. You can upload data to add, to delete, or to replace all existing data for the audience. All contact information must be hashed using the SHA-256 algorithm.
- The Audiences > Targets and Audiences > Exclusions views include a "Type" column.

## Resources on adobe.com

[Journey Management](#)

[Account Based Marketing](#)

[Voice Analytics](#)

[Customer Profiles](#)

[Data Ingestion](#)

[Tv Advertising](#)

# Experience Cloud Release Notes - September 2019

New features and fixes in the Adobe Experience Cloud.

## **NOTE**

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. You will receive the notice three to five business days in advance of the release. New information published after the release will be marked with the publication date.

## Release date: September 12, 2019

- [Experience Cloud interface](#)
- [Experience Platform](#)
- [Analytics](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Target](#) (links to solution help)
- [Primetime](#) (links to solution help)

## Experience Cloud interface

Release notes for Experience Cloud interface and product administration.

- Fixed a security vulnerability to include recommended HTTP headers. (MCUI-9942)
- Fixed an issue in switching between Analytics login companies. (MCUI-10049)

For product documentation, see [Experience Cloud](#).

## Experience Platform

Release notes for the Experience Platform, Experience Platform Launch, Identity Service, and security bulletins.

- [Experience Platform Launch](#)

- [Mobile Services and Mobile SDK](#)
- [Security bulletins and advisories](#) (All Adobe products)

## Experience Platform Launch

See [Experience Platform Launch](#) for release notes and product documentation.

## Mobile Services and Mobile SDK

### iOS: Version 4.18.8

Release date: September 20, 2019

- In App Messaging:
  - On devices running iOS 10 or newer, the UserNotifications framework is now used to schedule local notifications for apps that are linked to the UserNotifications.framework .
  - Fullscreen messages now use WKWebViews from WebKit.framework, which must be linked in your Xcode project.
  - Fixed a bug where the Push click-through payload could not be used as traits for In-App Messaging.
  - Fixed a crash issue.
- General - Fixed a bug where SDK data was synchronized to the paired watchOS app on every Analytics call.

### Android: Version 4.17.10

Release date: September 20, 2019

- General: Fixed locale string generation for some regions on Android API level 21 or newer.

## Unity

Release date: September 26, 2019

- Plug-in updated to 4.18.7 for iOS and 4.17.9 for Android

## Analytics

New features and fixes in Adobe Analytics:

- [New features, enhancements, and fixes in Adobe Analytics](#)
- [Important notices for Analytics administrators](#)

- [AppMeasurement](#)

For product documentation, see [Adobe Analytics Help Home](#).

## New features, enhancements, and fixes in Adobe Analytics

Feature	Description
<b>Journey IQ: Cross-Device Analytics</b>	<p>In September 2019, Adobe Analytics is introducing a powerful new feature called Journey IQ: Cross-Device Analytics. (Please note that this feature is available only to Analytics Ultimate customers.) Cross-Device Analytics (CDA) transforms Adobe Analytics from a device centric to a person-centric analysis tool. Using CDA you can answer questions such as:</p> <ul style="list-style-type: none"><li>• How many people are interacting with my brand? How many and what types of devices do they use? How do they overlap?</li><li>• How often do people begin a task on a mobile device and then later move to a desktop PC to complete the task? Do campaign click-throughs that land on one device lead to conversion somewhere else?</li><li>• How does my understanding of campaign effectiveness change if I take into account cross-device journeys? How does my funnel analysis change?</li><li>• What are the most common paths users take from one device to another? Where do they drop out? Where do they succeed?</li><li>• How does the behavior of users with multiple devices differ from the users with a single device?</li></ul> <p>To learn more, visit <a href="https://adobe.ly/aacda">adobe.ly/aacda</a>.</p>

Feature	Description
<b>Updated Classifications architecture</b>	<p>Starting in September, an update to the Classifications architecture will be migrated to customers over a period of several months. The September release includes migration for a small number of early adopters.</p> <p>The update significantly reduces the time it takes for uploads (including rule logic) to be imported/ingested and made available for reporting.</p>

### Fixes

- Fixed an issue with the People and Offers core services not being accessible from the main Experience Cloud menu. (AN-184294)
- Fixed an issue with the left rail in Analysis Workspace oscillating between having a scrollbar and having no scrollbar, which caused a fluttering effect. (AN-183904)
- Fixed issues with error reporting. You will start to see more specific error messages instead of just the red error indicator. More specifically, it should help you understand when the issue is caused by heavy load, by an error , or by creating a report request that is too complex. (AN-184135) [More...](#)
- Fixed an issue that prevented the successful download of fallout reports in .pdf/ .xls/ .rtf formats. (AN-183165)
- Fixed issues with logging in through the Experience Cloud and switching to different Experience Cloud solutions or switching to another login company. (AN-183376)
- Fixed an issue with assets transfer of scheduled projects not working properly. Groups are managed in the Admin Console now so we do not copy them between users when transferring assets anymore. (AN-183751)
- Fixed an issue with deleting scheduled reports whose owners have been deleted. From now on, a notification will go to the Admin (who performed the delete operation) when the schedule owner no longer exists. (AN-181000)

### Important notices for Analytics administrators

Notice	Date Added or Updated	Description
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Notice	Date Added or Updated	Description
Update to Analysis Workspace Freeform Table totals	September 12, 2019	In October 2019, freeform table total rows will begin accounting for <a href="#">report filters</a> applied. To date, totals have accounted only for segmentation. With this change, dependent visualizations will update (e.g. linked Summary Number visualizations), as well as exported CSV and PDF data.
Upcoming change regarding createDate field for Analytics users	August 30, 2019	In October or November 2019, the createDate field for Analytics users will be updated from US Pacific Time to a correctly formatted date/time value with time zone information. (AN-183468)
Support for Historical Timezone Offsets	August 8, 2019	Analytics will now automatically handle timezone offsets for timestamped hits. Following this change on August 8, systems that load in data for historical processing will no longer need to adjust for timezone offsets before sending in the data.
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .

Notice	Date Added or Updated	Description
New segment operator limits	Added May 31, 2019	<p>Starting July 18, 2019, the segment operators <i>contains any of</i>, <i>does not contain any of</i>, <i>contains all of</i> and <i>does not contain all of</i> will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.</p>
<b>Support changes for Date-Enabled and Numeric 2 Classifications</b>	Updated May 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change took effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>



Notice	Date Added or Updated	Description
Change to <i>Report Total</i> calculations	Updated July 9, 2019	<p>On <b>June 18, 2019</b>, Adobe Analytics made <i>Report Total</i> calculations consistent across all dimensions and metrics. This resulted in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 18, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change, specifically dimensions where <i>Unspecified</i> has a special name such as the "Typed/Bookmarked" line item for Referrer Type dimension or the "Other" line item for the Device Type dimension. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p> <p><b>Note:</b> This <i>Report Total</i> calculation is now called <i>Grand Total</i>. See "Analysis Workspace: Update to Freeform table totals" in the <a href="#">October 2019 release notes</a>.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

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Mobile browser version numbers	February 7, 2019	<p>Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i>).</p>
End of life for Ad Hoc Analysis	January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>
End of Support for TLS 1.0	Updated January 10, 2019	<p>As of February 11, 2019 Adobe Analytics reporting no longer supports TLS (Transport Layer Security) 1.0 encryption. This</p>

Notice	Date Added or Updated	Description
		<p>change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data. If you are unable to connect to Adobe Analytics reporting after February 11, 2019, you should upgrade your browser to the <a href="#">latest version</a>.</p> <p>As of February 20, 2019 Adobe Analytics data collection no longer supports TLS 1.0. With this change, Adobe no longer collects Analytics data from end users with older devices or web browsers that do not support TLS 1.1 or later. We do not expect this to have a significant impact on customer data or reporting. (If your website already does not support TLS 1.0, you will not be affected.)</p> <p>Beginning April 11, 2019, the Adobe Analytics Reporting API no longer supports TLS 1.0 encryption. Customers who access the API should verify that they will not be impacted.</p> <ul style="list-style-type: none"><li>• API clients using Java 7 with default settings will need <a href="#">modifications to support TLS 1.2</a>. (Refer to <i>Changing default TLS protocol version for client end points: TLS 1.0 to TLS 1.2</i>.)</li><li>• API clients using Java 8 should not be impacted,</li></ul>

Notice	Date Added or Updated	Description
		<p>because the default setting is TLS 1.2.</p> <ul style="list-style-type: none"><li>• API clients using other frameworks will need to contact their vendors for details on TLS 1.2 support.</li></ul>
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>

Notice	Date Added or Updated	Description
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

## AppMeasurement

See [AppMeasurement for Javascript release notes](#).

## Audience Manager

New features, enhancements, and fixes in Audience Manager.

### New features and enhancements

Feature	Description
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Feature	Description
<a href="#">People-Based Destinations</a>	People-Based Destinations is a paid Audience Manager add-on that helps you activate first-party audience segments across people-based environments, like Facebook, using hashed identifiers, such as email addresses.
<a href="#">Configuring Twitter Tailored Audiences as a Self-Service Device-Based Destination</a>	We're migrating Twitter destinations to a self-service configuration model. This article explains what you need to do for existing Twitter integrations to continue working after the migration.
<a href="#">Audience Marketplace Billing Examples</a>	We added a new example, Case 3, where we detail how billing works for segments with activation and modeling use cases.

## Fixes and Improvements

- We fixed a bug where users were unable to edit Adobe Analytics destinations to map segments manually. (AAM-49323)
- We fixed a bug where duplicate Audience Marketplace feeds were originating from a single data source ID. There must be a 1:1 mapping between data sources and Marketplace feeds. (AAM-48504)
- We made an enhancement to the trait and segment creation workflow. Now, you can filter the data source to store the trait or segment, to exclude any non-Audience Manager data sources (for example, report suite data sources from Adobe Analytics). (AAM-35899)
- We fixed an issue in the Data Sources API where setting the query parameter `ExcludeReportSuites=true` did not exclude report suite data sources from Adobe Analytics. (AAM-48545)
- We made several improvements related to the accessibility of the Audience Manager User Interface. (AAM-49024) and (AAM-49031)

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product release

## Cloud Manager 2019.8.0

Cloud Manager release 2019.8.0 fixes a variety of minor bugs, improves build performance, and adds support for selective built content packages.

- [Release Notes for Cloud Manager 2019.8.0](#)

## Software Distribution

[Software Distribution](#) is the new user interface designed to simplify the search and download of AEM Packages. It is currently in beta status and only accessible to Adobe Managed Services customers.

- [Package Share](#) will remain accessible until all customers have access to Software Distribution.
- All packages are available from both Package Share and Software Distribution.

## Product maintenance

### AEM maintenance release roadmap

See the AEM maintenance release roadmap as published [here](#).

## Self-Help

### Asset Link 1.1 prerelease

- [About Adobe Asset Link Prerelease](#)
- [Configuring AEM for Adobe Asset Link for prerelease](#)

## AEM Desktop App 2.0

AEM Desktop App 2.0 for MAC was released 30 August 2019. AEM Desktop App 2.0 for Windows will release in early September.

Access documentation and downloads [here](#).

## Assets Smart Tags

Learn how to update a certificate after it has expired [here](#).

## AEM 6.5 Screens User Guide

New documentation on *Network Deployment Guidelines* is now available. See the [User Guide](#).

## Automated Forms Conversion Service



Documentation for AEM Forms automated forms conversion service is now available. See [Introduction to Automated Forms Conversion service](#).

## Community

### AEM Skill Builder Webinars

- [Adobe Experience Manager Sites](#)

Webinar	Date
<i>Authoring Web Experiences</i>	27 August 2019
<i>Search and Navigate Content</i>	03 September 2019
<i>Manage Every-Evolving Content Easily</i>	10 September 2019
<i>Fluid Experiences</i>	17 September 2019
<i>Create and Manage Multi-Lingual, Multi-National to Design a Global Website Structure</i>	24 September 2019

- [Adobe Experience Manager Assets](#)

Webinar	Date
<i>Folder Structure and Search</i>	29 August 2019
<i>Metadata</i>	05 September 2019
<i>Brand Portal</i>	12 September 2019
<i>Dynamic Media</i>	19 September 2019
<i>Asset Link</i>	26 September 2019

- [Adobe Experience Manager Forms](#)

Webinar	Date
Forms 101_	04 September 2019

Webinar	Date
<i>Connect Forms to Databases, Build Workflows, and Integrate Forms with E-Signatures</i>	11 September 2019
<i>Create Mobile-Responsive Web and Print-Ready Interactive Communications</i>	25 September 2019

- [Adobe Experience Manager Cloud Manager](#)

Webinar	Date
<i>Testing Best Practices – Build execution, monitoring, audit, and insights with Cloud Manager</i>	18 September 2019
<i>Dispatcher Configurations with Cloud Manager</i>	16 October 2019
<i>Creating Workflows with Cloud Manager and Third-Party Tools</i>	13 November 2019

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support Home](#)
- [AEM 6.3 Learn & Support Home](#)
- [AEM 6.2 Learn & Support Home](#)
- [Cloud Manager User Guide](#)
- [Older Versions of AEM Documentation](#)
- [Dynamic Media Classic Help Home](#)
- [Dynamic Media release notes](#)
- [Livefyre release notes](#)

## Product end-of-life

Digital Publishing Suite Classic (DPSC) will end-of-life on August 31, 2019. For more information, see the [Digital Publishing Suite Classic End-of-Life FAQ](#).

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support home](#)
- [AEM 6.3 Learn & Support home](#)
- [AEM 6.2 Learn & Support home](#)
- [Cloud Manager User Guide](#)
- [Older versions of AEM documentation](#)
- [Scene7 Publishing System release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

### Adobe Campaign Classic

- [Campaign Classic 19.1.4 update](#) – build 9032
- [Campaign Classic 19.1.5 update](#) – build 9033

### Adobe Campaign Control Panel

We've added new capabilities for Admin users to allow IP addresses to connect to Campaign Classic instances. Additionally, Admin users can now view the list of instances and eligibility for build upgrades. For more information, refer to the [dedicated documentation](#).

We've added new capabilities for Admin users to receive notifications before SSL certificates for their domains expire. For more information, refer to the [detailed documentation](#).

Additionally, Admin users can now delete SSH keys that were added to access SFTP servers.

Please note that Control Panel is available for both Adobe Campaign Classic and Adobe Campaign Standard customers hosted on AWS. No upgrades are required to access Control Panel.

## Additional resources

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [How-to videos](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [How-to videos](#)

## Resources on adobe.com

[Ab Testing](#)

[Style System](#)

[Email Reporting](#)

[Omnichannel Marketing](#)

[Video Analytics](#)

[Mobile Marketing](#)

# Adobe Experience Cloud Release Notes - October 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. New information published after the release will be marked with the publication date.

## Release date: October 10, 2019

- [Experience Platform](#)
- [Analytics](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Target](#) (links to solution help)
- [Primetime](#) (links to solution help)
- [Advertising Cloud](#)

## Experience Platform

Release notes for the Experience Platform, Experience Platform Launch, Identity Service, and security bulletins.

- [Experience Platform Launch](#)
- [Security bulletins and advisories](#) (All Adobe products)

## Experience Platform Launch

See [Experience Platform Launch](#) for release notes and product documentation.

## Analytics

New features and fixes in Adobe Analytics:

- [New features, enhancements, and fixes in Adobe Analytics](#)
- [Important notices for Analytics administrators](#)
- [AppMeasurement](#)

For product documentation, see [Adobe Analytics Help Home](#).

## New features, enhancements, and fixes in Adobe Analytics

Feature	Description
Privacy Service API: CCPA	<p>The California Consumer Privacy Act (CCPA) enhances privacy rights and consumer protection for residents of California, United States. This Act is set to become effective on January 1, 2020.</p> <p>The CCPA provides new data privacy rights to California residents, such as the right to access and delete their personal data, to know whether their personal data is sold or disclosed (and to whom), and to refuse the sale of their personal data.</p> <p>In anticipation of the CCPA, the Privacy Service will support requests to opt out from the selling of personal data.</p> <p>The Privacy Service was formerly called the GDPR Service and retains all the previous functionality, now extended to support CCPA.</p> <p><a href="#">CCPA in Analytics</a></p> <p><a href="#">Privacy Service Overview</a></p>

Feature	Description
Privacy Reporting: Analytics Admin Console	<p>Enabling Privacy Reporting for Analytics adds a set of reserved variables to a report suite. The variables are designed to assist in the collection of consumer consent data at a hit level.</p> <p>New Dimensions:</p> <ul style="list-style-type: none"><li>• Consent Management Opt-Out</li><li>• Consent Management Opt-In</li><li>• <a href="#">Consent Management Variables</a></li></ul>
Audio and Video Analytics: Privacy Support	<p>Two new variables have been added to the Media Collection API:</p> <ul style="list-style-type: none"><li>• analytics.optOutServerSideForwarding</li><li>• analytics.optOutShare</li></ul> <p>These are optional variables that can be used to capture the status of a consumer's consent at the time of the hit.</p> <p><a href="#">Media Collection API Documentation</a></p> <p>The new Analytics Consent Management context data variables have been added to the Federated Analytics form. These variables are now available for use in flagging Opt Out of Sharing or Selling hits for federation.</p> <p><a href="#">Download Federated Form</a></p>

Feature	Description
Analysis Workspace: Update to Freeform table totals	Freeform tables now include two totals, a <b>Table total</b> and a <b>Grand total</b> . The Table total row accounts for <a href="#">report filters</a> applied. Previously, only segmentation impacted totals. <a href="#">Learn more</a> In addition, <b>Show Totals</b> and <b>Show Grand Total</b> options have been added to <b>Column Settings</b> . With this change to Freeform totals, dependent visualizations will be updated (e.g. linked <b>Summary Number</b> visualizations), as well as exported CSV and PDF data.
Analysis Workspace: Option to remove Unspecified/None	The ability to easily remove 'Unspecified (None)' has been added as an option to report filters.
Analysis Workspace: Deprecation of purple granularity components	Purple granularity time components (Minute, Hour, Day, Week, Month, Quarter, Year) have been deprecated. The purple time components have always behaved exactly like their orange dimension counterparts, so this change will simplify the experience. <b>No action</b> needs to taken if you previously used one of the purple time components. With this change, the purple <b>Time</b> section has also been renamed to <b>Date Ranges</b> .

## Fixes

- Analysis Workspace: Fixed an issue that resulted in incorrect search results when searching for dimension items in the left rail. (AN-185065)
- Fixed issues with being unable to delete or unpublish shared segments in Adobe Audience Manager (AAM). The fix is to not delete the segment if AAM is unresponsive. (AN-185882, AN-185883, AN-184607)
- Fixed a timeout issue with being unable to load segments in Ad Hoc Analysis. (AN-184654)
- Fixed an issue that occurred when the report suite you last used was subsequently hidden or you no longer had permissions to access this report suite. In this case, you could no longer log in through Experience Cloud. (AN-181777)
- Fixed a timeout issue in segments that made it difficult to create a VRS based on a segment. (AN-179684)
- Fixed an issue where data was truncated if there was an incorrect encoding in rare cases. (AN-186707)



- Yandex Search Engines are now properly broken out by country. (AN-181728)

## Important notices for Analytics administrators

Notice	Date Added or Updated	Description
End of Support for TLS 1.1	October 3, 2019	By March 31, 2020, Adobe Analytics will remove support for TLS 1.1. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data.
San Jose FTP Broker Ending for London and Singapore	July 2020	<p>For customers in London and Singapore, we will no longer be supporting brokering of data between London or Singapore and the San Jose data center <a href="http://ftp.omniture.com">ftp.omniture.com</a>.</p> <ul style="list-style-type: none"> <li>• For London use <a href="http://ftp3.omniture.com">ftp3.omniture.com</a></li> <li>• For Singapore use <a href="http://ftp4.omniture.com">ftp4.omniture.com</a></li> </ul>
Update to Analysis Workspace Freeform Table totals	September 12, 2019	In October 2019, freeform table total rows will begin accounting for <a href="#">report filters</a> applied. To date, totals have accounted only for segmentation. With this change, dependent visualizations will update (e.g. linked Summary Number visualizations), as well as exported CSV and PDF data.

Notice	Date Added or Updated	Description
Upcoming change regarding createDate field for Analytics users	August 30, 2019	In October or November 2019, the createDate field for Analytics users will be updated from US Pacific Time to a correctly formatted date/time value with time zone information. (AN-183468)
Support for Historical Timezone Offsets	August 8, 2019	Analytics will now automatically handle timezone offsets for timestamped hits. Following this change on August 8, systems that load in data for historical processing will no longer need to adjust for timezone offsets before sending in the data.
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .
New segment operator limits	Added May 31, 2019	Starting July 18, 2019, the segment operators <i>contains any of</i> , <i>does not contain any of</i> , <i>contains all of</i> and <i>does not contain all of</i> will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.

Notice	Date Added or Updated	Description
<b>Support changes for Date-Enabled and Numeric 2 Classifications</b>	Updated May 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change took effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>

Notice	Date Added or Updated	Description
Change to <i>Report Total</i> calculations	Updated July 9, 2019	<p>On <b>June 18, 2019</b>, Adobe Analytics made <i>Report Total</i> calculations consistent across all dimensions and metrics. This resulted in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 18, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change, specifically dimensions where <i>Unspecified</i> has a special name such as the "Typed/Bookmarked" line item for Referrer Type dimension or the "Other" line item for the Device Type dimension. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p> <p><b>Note:</b> This <i>Report Total</i> calculation is now called <i>Grand Total</i>. See "Analysis Workspace: Update to Freeform table totals" above.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>

Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	<p>The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b>. <code>adobe.tools.debug.includeOberonX</code> will cease to function after that date.</p>
Mobile browser version numbers	February 7, 2019	<p>Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i>).</p>
End of life for Ad Hoc Analysis	January 29, 2019	<p>On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available.</p> <p>For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a>.</p>
Short Analytics report links	January 14, 2019	<p>Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.</p>

Notice	Date Added or Updated	Description
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	<p>Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.</p>

Notice	Date Added or Updated	Description
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

## AppMeasurement

See [AppMeasurement for Javascript release notes](#).

## Audience Manager

New features, enhancements, and fixes in Audience Manager.

### Fixes and Improvements

- All customer accounts created after July 1st, 2019, will automatically be assigned a Tableau license, providing them access to their reports. If your account was created before July 1st, 2019, and you still do not have access to your Tableau reports, please contact Customer Care.
- We've fixed a bug that caused incorrect generation of activity traits and artificially increased match rates and audience sizes. Following this fix, you may notice decreases in the size of segments created with auto-generated activity traits. This is normal, expected behavior (AAM-45371).
- We've removed invalid global device IDs from global data sources. See [Global Data Sources](#) to learn what valid device IDs should look like to be accepted by Audience Manager (AAM-41259).
- Fixed a bug causing the Segments page to stop responding when you attempt to delete a protected segment (AAM-49881).
- When editing destinations for Twitter Tailored Audiences, the Account selector is now active only if the destination does not have a Twitter Ads account assigned (AAM-49975).
- Fixed a bug preventing users from disabling Audience Marketplace data feeds when subscriptions are disabled (AAM-49640).
- We made several improvements related to the accessibility of the Audience Manager User Interface.

## Experience Manager



New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

## Product Release

- **Cloud Manager 2019.9.0**
  - Cloud Manager 2019.9.0, released September 12, 2019, updates the security test criteria, adds downloadable monitoring graphs, and fixes some customer-reported usability issues.
  - [Release notes](#)

## Product maintenance

- **AEM 6.3.3.6**

AEM 6.3, Service Pack 3, Cumulative Fix Pack 6 (6.3.3.6 released September 25, 2019) is an important update that includes key customer fixes released since the general availability of AEM 6.3, April 2017.

- [Release notes](#)
- [AEM Forms CFP releases](#)

- **AEM 6.4.6.0**

AEM 6.4, Service Pack 6.0 (6.4.6.0 released September 19, 2019) is an important update that includes key customer fixes released since the general availability of AEM 6.4, April 2018.

- [Release notes](#)
- [AEM Forms CFP releases](#)

- **AEM 6.5.2.0**

AEM 6.5, Service Pack 2.0 (6.5.2.0 released September 19, 2019) is an important update that includes key customer fixes released since the general availability of AEM 6.5, April 2019.

- [Release notes](#)
- [AEM Forms CFP releases](#)

## Self-Help

- **Scene7: Reprocess Assets workflow**

You can now reprocess assets in a folder that already has an existing processing profile that you later changed.

See [Reprocessing assets in a folder after you have edited its processing profile](#).

- **Integration of Dynamic Media Viewers with Adobe Analytics and Adobe Launch**

The Dynamic Media Viewers extension for Adobe Launch, along with the release of Dynamic Media Viewers 5.13, lets customers of Dynamic Media, Adobe Analytics, and Adobe Launch use events and data specific for the Dynamic Media Viewers in their Adobe Launch configuration.

See [Integrating Dynamic Media Viewers with Adobe Analytics and Adobe Launch](#).

- **AEM desktop app**

AEM desktop app 2.0 is now available for creatives, marketers, and line-of-business users, to work with AEM Assets.

See the [AEM desktop app Release notes](#).

- **Core Components**

- Learn about the localization features of Core Components and how they work with AEM templates.

[See the example](#).

- Core Components 2.6.0 introduces an Experience Fragment Component. The component is now available along with [authoring documentation](#) and [developer details and project download available on GitHub](#).

- **AEM Assets**

- New documentation for visual/similarity search capability.

See [Find similar images](#).

- Connected Assets functionality now uses documents that are available on remote DAM deployment, in addition to images file formats.

See [Use Connected Assets to share DAM assets in AEM Sites](#).

- Fresh content on asset searching and discovery. The *Search assets in AEM* topic is your one-stop-shop for information on using, configuring, troubleshooting, limitations, and tips.

See [Search assets in AEM](#).

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support Home](#)
- [AEM 6.3 Learn & Support Home](#)
- [AEM 6.2 Learn & Support Home](#)
- [Cloud Manager User Guide](#)

- [Older Versions of AEM Documentation](#)
- [Dynamic Media Classic Help Home](#)
- [Dynamic Media release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

### Adobe Campaign Classic

- [Campaign Classic 19.1.4 update](#) – new build 9032
- [Campaign Classic 19.1.6 update](#) – build 9035

### Additional resources

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [How-to videos](#) - [Release Planning](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [How-to videos](#)

## Advertising Cloud

Updated for October 12, 2019, release

View	Feature
Search Campaigns	Advertising Cloud can now sync and provide ad-level tracking for accounts on Yahoo! Japan Display Network. If you provide login details for an account, then all existing campaigns, ad groups, and ads in the account are available as read-only in the campaign management views. Click, cost, conversions, and other performance data are available within the campaign management views and in basic and advanced reports.

View	Feature
	<p>(Advertisers with Google Analytics) Advertising Cloud Search can sync conversion metrics for a specific Google Analytics account, property, and view combination for optimization and reporting. Page views, Sessions, Bounce Rate (calculated as bounces/sessions), and Session Duration are automatically included. You can include up to 16 additional metrics per data source.</p>
	<p>(Existing Google Ads accounts for advertisers with an Advertising Cloud-Adobe Analytics integration) A new format is available for the s_kwcid tracking code, which allows Advertising Cloud to share data about the account with the Adobe Analytics reporting and analytics capability. The latest format includes parameters for campaign ID and ad group ID, which are necessary to accurately report at the campaign and ad group levels for Google Drafts and Experiments campaigns in Analytics. If your existing Google accounts includes Google Drafts and Experiments campaigns, edit the Account Tracking settings for each individual account to migrate to the new s_kwcid. If you don't have Google Drafts and Experiments campaigns, migrating to the new format is optional. Note: All new Google accounts automatically use the new format.</p>
<p>Search Advanced Campaign Management (ACM)</p>	<p>(Google Ads campaigns) You can now configure campaign-level final URL suffixes for Google text ad and shopping ad templates.</p>
	<p>(Google Ads campaigns) Optional "Headline 3" and "Description 2" fields are available for Google expanded text ads.</p>

View	Feature
Reports	The following Bing Ads impression share metrics, which were discontinued with the latest Bing Ads API, are not collected after October 11: Search IS% Lost to Rank, Search IS% Lost to Bid (Bing), Search IS% Lost to Page Relevance (Bing), and Search IS% Lost to Keyword Relevance (Bing). Previously-collected metrics are still available for reporting.
Adobe Analytics Integration	(Advertisers with Adobe Analytics only) In Analysis Workspace, the “Device (AMO ID)” dimension, which has never collected data, is no longer available. To report on online Analytics data, use the dimension “Mobile Device Type.” To report on search engine traffic metrics (such as clicks, cost, and impressions) by device type, continue to use reporting in Advertising Cloud Search.

## Resources on adobe.com

[Ab Testing](#)

[Account Based Marketing](#)

[Version History](#)

[Dynamic Content](#)

[Data Connectors](#)

[Customer Segmentation](#)

# Adobe Experience Cloud Release Notes - November 2019

New features and fixes in the Adobe Experience Cloud.

## NOTE

Subscribe to the [Adobe Priority Product Update](#) to be notified via email about upcoming releases. New information published after the release will be marked with the publication date.

**Release date: October 31, 2019**

- [Experience Cloud interface](#)
- [Experience Platform](#)
- [Analytics \(Updated Dec. 18, 2019\)](#)
- [Audience Manager](#)
- [Experience Manager](#)
- [Campaign](#)
- [Target](#) (links to solution help)
- [Primetime](#) (links to solution help)
- [Advertising Cloud](#) (Updated 11/8)

Looking for the help home? See [Adobe Experience Cloud Documentation](#).

## Experience Cloud interface

Release notes for Experience Cloud interface and product administration.

- The Feed page is being deprecated in December, 2019. Look for an in-product deprecation notice. (MCUI-10039)
- Updated the [Learn More](#) link for Adobe Campaign from the app selector. (MCUI-10034)
- Improved stability and responsiveness of the core platform for the Experience Cloud interface. (MCUI-6822)
- Fixed security vulnerabilities in Experience Cloud UI. (MCUI-9942)

- Fixed a critical issue in Customer Attributes that blocked schema validation for some customers. (MCUI-10024, MCUI-6479)
- Improved the Audience Library to remove dimensions that are not supported for real-time audience creation. (MCUI-10046)

For product documentation, see [Experience Cloud](#).

## Experience Platform

Release notes for the Experience Platform, Experience Platform Launch, Identity Service, and security bulletins.

- [Experience Platform Release Notes](#)
- [Experience Platform Launch](#)
- [Security bulletins and advisories](#) (All Adobe products)

### Experience Platform Launch

See [Experience Platform Launch](#) for release notes and product documentation.

## Analytics

New features and fixes in Adobe Analytics:

- [New features, enhancements, and fixes in Adobe Analytics](#)
- [Important notices for Analytics administrators \(Updated Dec. 18, 2019\)](#)
- [AppMeasurement](#)

For product documentation, see [Adobe Analytics Help Home](#).

### New features, enhancements, and fixes in Adobe Analytics

Feature	Description
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Feature	Description
Customer Journey Analytics	<p data-bbox="831 186 1495 315">On November 21, 2019, <a href="#">Customer Journey Analytics</a> becomes available as an add-on to Adobe Analytics.</p> <p data-bbox="831 380 1495 932">Customer Journey Analytics allows you to bring your customer data from any channel you choose — both online and offline — into Adobe Experience Platform, and then analyze this data just as you would your existing digital data using Analysis Workspace today. Customer Journey Analytics includes the ability for you to control how you connect your online and offline data in Analysis Workspace on any common customer ID, finally allowing you to do attribution, segmentation, flow, fallout, etc. across your entire customer data set in Adobe Analytics.</p> <p data-bbox="831 997 1495 1171">Analytics Select, Prime, and Ultimate customers are eligible to purchase this add-on product. Please contact your Adobe account team for further details.</p>



Feature	Description
Privacy Service API: CCPA	<p>The California Consumer Privacy Act (CCPA) enhances privacy rights and consumer protection for residents of California, United States. This Act is set to become effective on January 1, 2020.</p> <p>The CCPA provides new data privacy rights to California residents, such as the right to access and delete their personal data, to know whether their personal data is sold or disclosed (and to whom), and to refuse the sale of their personal data.</p> <p>In anticipation of the CCPA, the Privacy Service will support requests to opt out from the selling of personal data.</p> <p>The Privacy Service was formerly called the GDPR Service and retains all the previous functionality, now extended to support CCPA.</p> <p><a href="#">CCPA in Analytics</a></p> <p><a href="#">Privacy Service Overview</a></p>
Privacy Reporting: Analytics Admin Console	<p>Enabling Privacy Reporting for Analytics adds a set of reserved variables to a report suite. The variables are designed to assist in the collection of consumer consent data at a hit level.</p> <p>New Dimensions:</p> <ul style="list-style-type: none"><li>• Consent Management Opt-Out</li><li>• Consent Management Opt-In</li><li>• <a href="#">Consent Management Variables</a></li></ul>

Feature	Description
<p>Audio and Video Analytics: Privacy Support</p>	<p>Two new variables have been added to the Media Collection API:</p> <ul style="list-style-type: none"> <li>• analytics.optOutServerSideForwarding</li> <li>• analytics.optOutShare</li> </ul> <p>These are optional variables that can be used to capture the status of a consumer's consent at the time of the hit.</p> <p><a href="#">Media Collection API Documentation</a></p> <p>The new Analytics Consent Management context data variables have been added to the Federated Analytics form. These variables are now available for use in flagging Opt Out of Sharing or Selling hits for federation.</p> <p><a href="#">Download Federated Form</a></p>

### Fixes

- Fixed an issue that resulted in an error when trying to delete date ranges that were owned by "Unknown user." (AN-185540)

### Important notices for Analytics administrators

Notice	Date Added or Updated	Description
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Notice	Date Added or Updated	Description
New Adobe Analytics domain	Dec. 18, 2019	<p>On January 16, 2020, Adobe Analytics will move to new domain - <a href="https://experience.adobe.com/analy">https://experience.adobe.com/analy</a></p> <p>This change may cause cookie issues when loading Analytics in Safari. Unchecking "Prevent cross-site tracking" in the Safari Privacy Preferences will enable cookies across domains (and all cross-site experiences), and allow Analytics to function on this new Adobe Experience Cloud domain. Users can use other browsers without issue, since this only affects Safari users.</p>
EOL of <b>View Archive</b> option	Oct. 30, 2019	<p>Announcing the January, 2020, end-of-life date for the <b>View Archive</b> option in the Dashboard Manager (<b>Components &gt; Dashboards</b>).</p>
EOL of <b>Enforce IP Login Restrictions</b> option	Oct. 30, 2019	<p>Announcing the January, 2020, end-of-life date for the IP Allowed List (<b>Enforce IP Login Restrictions</b>) functionality under the <b>Admin &gt; Company Settings &gt; Security</b> menu.</p>

Notice	Date Added or Updated	Description
Updated handling to SameSite attribute on cookies	October 15, 2019	<p>In August 2019, Adobe announced that it added the SameSite cookie setting to all cookies set by Analytics. An update in logic is applied where:</p> <ul style="list-style-type: none"><li>• All third-party cookies that are not based on Webkit have SameSite attribute set to none.</li><li>• All other cookies do not have the SameSite attribute set.</li></ul>
End of Support for TLS 1.1	October 3, 2019	<p>By March 31, 2020, Adobe Analytics will remove support for TLS 1.1. This change is part of our ongoing efforts to maintain the highest security standards and promote the safety of customer data.</p>
San Jose FTP Broker Ending for London and Singapore	July 2020	<p>For customers in London and Singapore, we will no longer be supporting brokering of data between London or Singapore and the San Jose data center <a href="http://ftp.omniture.com">ftp.omniture.com</a>.</p> <ul style="list-style-type: none"><li>• For London use <a href="http://ftp3.omniture.com">ftp3.omniture.com</a></li><li>• For Singapore use <a href="http://ftp4.omniture.com">ftp4.omniture.com</a></li></ul>

Notice	Date Added or Updated	Description
Update to Analysis Workspace Freeform Table totals	September 12, 2019	In October 2019, freeform table total rows will begin accounting for <a href="#">report filters</a> applied. To date, totals have accounted only for segmentation. With this change, dependent visualizations will update (e.g. linked Summary Number visualizations), as well as exported CSV and PDF data.
Upcoming change regarding createDate field for Analytics users	August 30, 2019	In October or November 2019, the createDate field for Analytics users will be updated from US Pacific Time to a correctly formatted date/time value with time zone information. (AN-183468)
Support for Historical Timezone Offsets	August 8, 2019	Analytics will now automatically handle timezone offsets for timestamped hits. Following this change on August 8, systems that load in data for historical processing will no longer need to adjust for timezone offsets before sending in the data.
Classification rule builder limits	Added June 5, 2019	These limits are not new, but have been added to the documentation <a href="#">here</a> .

Notice	Date Added or Updated	Description
New segment operator limits	Added May 31, 2019	<p>Starting July 18, 2019, the segment operators <i>contains any of</i>, <i>does not contain any of</i>, <i>contains all of</i> and <i>does not contain all of</i> will be limited to 100 words per input field. The limit will be applied to all new and modified segments after this date. Existing segments that exceed the limit will continue to be supported, but cannot be modified or saved until the input field is reduced. These limits are being applied as part of a continued effort to improve query performance.</p>
<b>Support changes for Date-Enabled and Numeric 2 Classifications</b>	Updated May 28, 2019	<p>The ability to import Numeric 2 and Date-Enabled classifications has been removed from the codebase. This change took effect with the July 2019 Maintenance Release. If you have Numeric or Date-Enabled columns in your import file, those cells will be silently ignored, and any other data within that file will be imported as normal.</p> <p>Existing classifications can still be exported through the standard classification workflow, and will continue to be available in reporting.</p>

Notice	Date Added or Updated	Description
Change to <i>Report Total</i> calculations	Updated July 9, 2019	<p>On <b>June 18, 2019</b>, Adobe Analytics made <i>Report Total</i> calculations consistent across all dimensions and metrics. This resulted in a change to the totals for some reports (typically, Prop or Customer Attributes reports). Prior to this change, some Report Totals inconsistently included or excluded the <i>Unspecified</i> line item in the total, regardless of whether <i>Unspecified</i> appeared in the report.</p> <p>As of June 18, 2019, <i>Unspecified</i> will always appear in the report total, even if it does not appear as a line item in the report. Additionally, segments using <i>exists</i> or <i>does not exist</i> logic may see different results for some dimensions after this change, specifically dimensions where <i>Unspecified</i> has a special name such as the "Typed/Bookmarked" line item for Referrer Type dimension or the "Other" line item for the Device Type dimension. This change will affect Analysis Workspace, Reports &amp; Analytics, Ad Hoc Analysis, Report Builder, and the Reporting API.</p> <p><b>Note:</b> This <i>Report Total</i> calculation is now called <i>Grand Total</i>. See "Analysis Workspace: Update to Freeform table totals" above.</p>

Notice	Date Added or Updated	Description
Update to CSV downloads from Analysis Workspace	April 10, 2019	<p>Starting on April 11, 2019, several changes were made to <b>CSV downloads</b> (and <b>Copy to Clipboard</b>) from Analysis Workspace to remove formatting from exported data.</p> <ul style="list-style-type: none"><li>• The thousands separator is no longer included. The decimal separator will continue to be included, and will adhere to the format defined under <b>Components &gt; Report Settings &gt; Thousands Separator</b>. Note: Numeric values that use a comma as the decimal separator will continue to be quoted in the exported CSV.</li><li>• No currency symbols will be shown.</li><li>• No percent symbols will be shown. Percentages will be in decimal form. E.g., 75% will be represented as 0.75.</li><li>• Time will be shown in seconds.</li><li>• Cohort tables will show raw values only; percentages will be removed.</li><li>• If a number is invalid, an empty cell will be displayed.</li></ul>



Notice	Date Added or Updated	Description
Upcoming change to the Analysis Workspace Debugger command	April 4, 2019	The Console command to turn on the Analysis Workspace Debugger is changing to <code>adobeTools.debug.includeOberonX</code> on <b>June 13, 2019</b> . <code>adobe.tools.debug.includeOberonX</code> will cease to function after that date.
Mobile browser version numbers	February 7, 2019	Starting January 8, 2019, we changed the truncation level for mobile browser version numbers from 2 to 1. From that date forward, versions only display the first two levels (e.g. <i>Firefox 64.0.2</i> is now reported as <i>Firefox 64.0</i> ).
End of life for Ad Hoc Analysis	January 29, 2019	On August 6, 2018, Adobe announced the intention to end-of-life Ad Hoc Analysis. An end-of-life date will be shared once available. For more information, including which versions of Java will be compatible during this period, visit <a href="#">Discover Workspace</a> .
Short Analytics report links	January 14, 2019	Any short Analytics report links that have not been visited within one year will be cleaned up and deleted starting on Thursday, January 17, 2019, on a rolling schedule.

Notice	Date Added or Updated	Description
Data Feed: post_product_list column - size change	January 9, 2019	<p>On February 7, 2019, Adobe expanded the size of the post_product_list column from 64 KB to 16 MB. This change ensures that merchandising eVar values added to post_product_list during processing do not cause truncation of product and revenue values. If you have processes that ingest post_product_list values, please ensure those processes can handle values up to 16 MB in length, or will truncate the value at 16 KB to avoid data ingestion failures.</p>
Management changes affecting inactive Analytics Live Stream endpoints	December 20, 2018	<p>Starting on February 1, 2019, Live Stream endpoints with no active consumer connections for 90 days may be disabled. You can reach out to Customer Care to inquire about your Live Stream endpoints and, if necessary, have them re-enabled. In addition, please ensure your consumer processes maintain a persistent connection, as intended by the design of the service, and that they are implemented to reconnect when the connection is disconnected or interrupted.</p>

Notice	Date Added or Updated	Description
Update Adobe Report Builder due to end of support for TLS 1.0	Sept. 7, 2018	Due to the end of support for TLS 1.0, we recommended that Report Builder users download version v5.6.21 prior to February 2019. After that date, prior versions of Report Builder will no longer function.

## AppMeasurement

See [AppMeasurement for Javascript release notes](#).

## Audience Manager

New features, enhancements, and fixes in Audience Manager

Feature	Description
<a href="#">Profile Merge Rules Enhancements</a>	<p>We released a series of enhancements for Profile Merge Rules:</p> <ul style="list-style-type: none"> <li>• Segment evaluation is now supported in batch, for up to 100 devices.</li> <li>• We improved the reporting accuracy for trait and segment populations.</li> <li>• We improved the accuracy of batch files generated using cross-device IDs.</li> <li>• We updated the documentation with more detailed use cases for each rule. See <a href="#">General Use Cases for Profile Merge Rules</a>, <a href="#">External Device Graph Use Cases</a>, and <a href="#">Profile Link Device Graph Use Cases</a>.</li> </ul>

Feature	Description
<a href="#">Intelligent Recommendations for Audience Marketplace Data, powered by Adobe Sensei</a>	With Trait Recommendations, when you build or edit a segment in <a href="#">Segment Builder</a> , you now get recommendations on additional traits that you can include, from Audience Marketplace data feeds that you are not subscribed to. Add the recommended traits to your segment to increase your target audience. Additionally, we've redesigned the Marketplace page to make it easier for you to find similar traits and filter data feeds.
<a href="#">Bulk Management Tools</a>	We released a new version of the Bulk Management worksheet that works on MacOS and Microsoft Windows operating systems and supports Experience Cloud login.
<a href="#">HTTP Strict-Transport-Security</a>	We added support for HTTP Strict-Transport-Security, a web security policy that protects against cookie hijacking and protocol downgrade attacks.

## Enhancements

As of November 2019, Audience Manager also supports sending Roku IDs, Amazon Fire TV IDs and Xbox/Microsoft IDs to Google Ad Manager and DV360 destinations, in addition to previously supported cookie, IDFA and GAID device IDs. You don't need to change anything in your existing Google integrations.

In Audience Manager, Roku IDs, Amazon Fire TV IDs and Xbox/Microsoft IDs are called global device IDs. You can read more about these IDs and the data sources that they are associated to in the Audience Manager product documentation:

- [Global Device IDs](#)
- [Global Data Sources](#)

Data ingestion for the Roku, Amazon Fire TV and Xbox/Microsoft data sources works in the same way as for IDFA and GAID - an Audience Manager ID is automatically generated and linked to the DAID when ingesting data keyed off them. The new IDs are automatically sent to the existing and new Google destinations configured in your account.

For more information, please contact your Audience Manager consultant or Customer Care.

## Fixes and Improvements

- We fixed a bug in Audience Marketplace, where the UI returned Error 409 when customers were submitting the monthly segment usage. (AAM-50825)
- We fixed a bug in Derived Signals, where for a short time customers were unable to create new derived signals. (AAM-50968)
- We fixed a bug in People-Based Destinations, where customers were unable to change the name of a destination. (AAM-51025)
- We fixed a bug where some users had duplicate accounts to log in to the Audience Manager UI. Due to permissions associated to the duplicate accounts, these users were unable to access some parts of the UI and perform operations. (AAM-50818)
- We continued to make improvements to the accessibility of the Audience Manager UI. (AAM-48932, AAM-48997, AAM-49043, AAM-49054, AAM-49371, AAM-49375, AAM-51313)

## Experience Manager

New features, fixes, and updates in Adobe Experience Manager (AEM). Adobe recommends customers with on-premise deployments to deploy the latest patches to ensure higher stability, security, and performance.

### Product releases

- **Brand Portal 6.4.5**

Adobe Experience Manager Assets Brand Portal 6.4.5 is a feature release that focuses on providing Brand Portal users (external agencies/teams) with the ability to upload content to Brand Portal and publish to AEM Assets, without the need to access the author environment. This feature is called [Asset Sourcing in Brand Portal](#), and improves customer experiences by providing a two-way mechanism for users to contribute and share assets with other globally distributed Brand Portal users.

See [What is new in AEM Assets Brand Portal](#).

See [Release notes](#).

- **AEM Forms Automated Conversion Service**

Automated Forms Conversion service helps accelerate digitization and modernization of data capture experiences through automated conversion of PDF forms to adaptive forms. The service, powered by Adobe Sensei, automatically converts your PDF forms to device-friendly, responsive, and HTML5-based adaptive forms. While leveraging the existing investments in PDF Forms and XFA, the service also applies appropriate validations, styling, and layout to adaptive form fields during conversion.

See [Adobe Experience Manager Forms Automated Conversion Service](#).

- **Cloud Manager 2019.10.0**

The general Release Notes for Cloud Manager 2019.10.0 are now available. The notes also lists updates to deployment steps and maven project version handling.

See [Cloud Manager 2019.10.0 release notes](#).

## Self-help

- **Activity map**

Due to security changes within the Adobe Analytics API, it is no longer possible to use the version of Activity Map that is included within AEM. See [Configuring the connection to Adobe Analytics](#).

You should now use the [Activity Map browser plug-in](#) for either Chrome, Firefox, or Internet Explorer as provided by Adobe Analytics.

- **Best practices guide for AEM Screens projects**

The new *Best Practices Guide for AEM Screens* provides comprehensive insight and practical advice to imagine, design, and bring intentional customer experiences into your digital signage implementation. It also guides you in how to create a positive impact on your business using best practices, all while deploying a digital signage project in AEM Screens.

See [Best Practices Guide for AEM Screens Projects](#).

- **Headless Experience Management**

Features of the [Remote Content Renderer](#) that is used for server side rendering of single page applications is now documented.

- **SPA and Server-side Rendering**

You can extend and customize the remote content rendering service that your AEM-driven SPAs use for server-side rendering to meet your needs.

See [SPA and Server-Side Rendering](#).

- **AEM Project Archetype**

The AEM Project Archetype creates a minimal, best-practices-based Adobe Experience Manager project as a starting point for your own AEM projects. The properties that must be provided when using this archetype let you specify the names for all parts of this project as well as control certain optional features.

See [AEM Project Archetype](#).

- **AEM Documentation Updates**

Read about important documentation changes and updates for Adobe Experience Manager in the last three months.

See [AEM Documentation: Recent Documentation Updates](#).

## Additional resources

- [AEM 6.5 Learn & Support Home](#)
- [AEM 6.4 Learn & Support Home](#)
- [AEM 6.3 Learn & Support Home](#)
- [AEM 6.2 Learn & Support Home](#)
- [Cloud Manager User Guide](#)
- [Older Versions of AEM Documentation](#)
- [Dynamic Media Classic Help Home](#)
- [Dynamic Media release notes](#)
- [Livefyre release notes](#)

## Campaign

Adobe Campaign provides an intuitive, automated way to deliver one-to-one messages across online and offline marketing channels. You can now anticipate what your clients want using experiences determined by their habits and preferences.

### Documentation resources

- Adobe Campaign Standard: [Documentation](#) - [Release Notes](#) - [How-to videos](#) - [Release Planning](#)
- Adobe Campaign Classic: [Documentation](#) - [Release Notes](#) - [How-to videos](#)

## Advertising Cloud

Updated on November 8, 2019, release

View	Feature
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View	Feature
Conversion Tracking	<p>The Advertising Cloud JavaScript-based conversion mapping tag now supports tracking click-throughs from Mozilla Firefox Version 69 and higher, which block third-party cookies by default. The same tag already includes support for Apple Safari.</p> <p>If you use Advertising Cloud conversion tracking and haven't already deployed the Advertising Cloud conversion mapping tag, deploy the following code on all landing pages:</p> <pre data-bbox="833 716 1385 842">&lt;script src="//www.everestjs.net/static/amo- conversion-mapper.js"&gt;&lt;/script&gt;</pre> <p>Note: This tag supports Advertising Cloud JavaScript v2 and v3 conversion tracking tags, not the image tracking tag.</p>
Portfolios	<p>When the portfolio option "Enable campaign max spend % target" is enabled, the max spend target is now never exceeded. Previously, Advertising Cloud would exceed the max spend target when doing so was optimal.</p>
Search Audiences	<p>Your audience library at Search &gt; Audiences &gt; Library now automatically includes an "Audience Size" column, which is populated daily from Bing Ads and Google Ads. You can optionally use the column as a data filter.</p>



View	Feature
Integration with Adobe Analytics	<p data-bbox="829 184 1484 457">Analytics now includes the dimension “Landing Type (AMO ID)” for Advertising Cloud DSP campaigns. Use this dimension to segment Analytics metrics based on how visitors landed on the site. Values include “Click Through” and “View Through.”</p> <p data-bbox="829 520 1484 741"><b>Note:</b> Data for view-throughs that occurred before 31 October 2019 are shown as data for click-throughs. We therefore don't recommend using this dimension with data prior to mid-November 2019.</p>

## Resources on adobe.com

[Multi Armed Bandit Testing](#)

[Dynamic Media](#)

[Data Connectors](#)

[Mobile Marketing](#)

[Data Warehouse](#)

[Analytics](#)