One Analytics Release Notes

November 2019

CAPITA

Revision History

Version	Published on
November 2019 - 1.0	13/11/2019

Contacting One Application Support

You can log a call with One Application Support via the Customer Service tool available on My Account.

Providing Feedback on Documentation

We always welcome comments and feedback on the quality of our documentation including online help files and handbooks. If you have any comments on any aspect of our documentation, please email:

onepublications@capita.co.uk

Please ensure that you include the document name, version and aspect of documentation on which you are commenting.

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Document Purpose

These release notes are provided to users to detail the enhancements and resolutions included with the One Analytics November 2019 release. Each release contains all fixes and enhancements issued since the previous release. Instructions for downloading the latest release installation media are also included.

Should you have any questions about the implementation, testing, or user impacts of the changes listed in this document, please contact the One Application Support Team.

Upgrading the Software

Compatibility with Capita One

The One Analytics November 2019 release is designed to be compatible with the following versions of the Capita One system:

- 3.68
- 3.69
- 3.70

If you are running an older version of Capita One, we recommend that you upgrade to at least the 3.68 release prior to installing this update.

Compatibility with Tableau

The One Analytics November 2019 release is designed to be compatible with Tableau 10.5.

If you have not upgraded the Tableau components of One Analytics to Tableau 10.5 (included as part of the March 2018 release), you must do so as part of this upgrade. The Tableau 10.5 download link and password are available from the One Analytics November 2019 My Account posting:

https://myaccount.capita-cs.co.uk/Notifications/capita-one-analytics-November-2019-release/

Software Distribution

The One Analytics November 2019 release is available as a download only. Links to the self-extracting installation files are included below. One Co-ordinators will be emailed with the password to enable them to unzip the installation media.

The installation files for the One Analytics November 2019 release is available via the following link:

http://dl.capitasolus.co.uk/onedownloads/OA-2019-Nov.exe

Changes in the New Release

Updated Data Sources

The following data sources have been updated in this release:

- CSS Involvement & Comms Log
- SEN, Provision & Comms Log
- Provision & Comms Log
- Activity & Comms Log
- Attainment
- Attendance
- Admissions & Transfers
- Early Years
- Exclusions
- Estart
- Youth Justice

The changes are documented in the sections below.

New Functionality

Deleted information flagged within DW and filtered out of models

Deleted information from One Education no longer included in OA Models

The April 2018 release of One Analytics contained fundamental changes in the way that information was processed, which meant data was no longer deleted. The change was in response to the new GDPR that came into effect on 28th May 2018 and to ensure data was available for trend and historical analysis.

Customers have since observed they could not rely on or compare the information from One Analytics as envisaged, as the information was not reflective of that being actively managed within the One Education system and there was no method available to provide this level of accuracy.

The November 2019 release contains changes so that the information available within One Analytics is reflective of data being actively managed within One Education.

OA has been updated to validate whether a record has been deleted from One Education and where this is the case, flag the record as deleted and filter out deleted records from the models noted below.

- Admission & Transfers
- Exclusions
- CSS Involvement & Comms Log
- SEN, Provision & Comms Log
- Provision & Comms Log
- Core – Please note this is information such as Person, Student, Addresses and Bases which is referenced across multiple models

Following install or upgrade to the November 2019 release, information provided by the above models will be reflect that which exists and can be actively managed within One Education. No manual filtering is required where the Capita supplied models are used. Should custom models have been created, please refer to section 'How is deleted information managed and Data Warehouse changes?' which details the Data Warehouse changes.

How is deleted information managed and Data Warehouse changes?

One Analytics uses the concept of 'ETL' (Extract, Transform and Load), information is extract from the One Education Oracle DB and imported to a 'Staging' area within the OA SQL DW. The extracted information is then 'Transformed' and 'Loaded' into 'Dimension' and 'Fact' DW Tables which the models are built on.

The 'ETL' routine will now compare information which exists in 'Dimensions' to that imported into the 'Staging' area and where a record no longer exists flagged as 'Deleted' with a 'Date Deleted' value recorded (the date the 'ETL' routine was processed).

The Facts and Dimensions noted below have two additional columns as described above, 'Deleted' flag and 'Date_Deleted'.

To filter out deleted records from custom models, exclude records where the value 'XX_Deleted' value is '1' (True), and should more granular validation be required, the 'XX_Date Deleted' value can be compared to a Date filter.

The naming of the new columns are as follows.

- ■ Deleted flag 'XX_Deleted'

- ■ The date OA knew the record as being deleted (Date of ETL processing) 'XX'_Date_Deleted'

> ***Please note 'XX' is replaced with the name of the Dimension or Fact DW table.***

Model	Dimension \ Fact
Admissions & Transfers	• Dim Appeal • Dim ApplicationDetail • Dim Preference • Dim TransferGroupDetail • Dim BasePANBand • Dim BasePAN • Dim PreferenceBands • Fact Application
CSS Involvement & Comms Log	• Dim ServiceTeam • Dim InvolvementTemplate • Dim CSSInvolvement • Dim InvolvementSubject • Dim InvolvementCaseworker • Dim InvolvementAdminOfficer • Dim InvolvementOutcome • Dim InvolvementReason • Dim Involvement • Dim CaseNote • Dim InvolvementStatusHistory • Fact CSSInvolvement
Exclusions	• Dim ExclusionDetail • Dim SupportOfficer • Dim ExclusionReason • Fact Exclusion

SEN, Provision & Comms Log	• Dim SENDAssessment • Dim Mediation • Dim AssessmentException • Dim AdditionalMedicalNeed • Dim AdditionalSENNeed • Dim AssessmentReviewAttendee • Dim PlacementOrTransfer • Dim AssessmentReview • Dim EHCPAssessmentContact • Dim SENProvision • Dim ProvisionSpecialist • Dim AssessmentTribunal • Fact SENInvolvement • Fact SENProvision
Provision	• Dim Provision • Dim ProvisionCost • Dim ProvisionFunding • Dim ProvisionFundingLA • Dim ProvisionReason • Fact Provision
Core	• Dim Base • Dim ClusterMembership • Dim BaseStudent • Dim RegistrationType • Dim Student • Dim Person • Dim CohortMember • Dim CLAHistory • Dim YoungCarerHistory • Dim EWOHistory • Dim LADefinition • Dim Site • Dim Address • Dim StudentAddressHistory • Dim PersonAddressHistory • Dim StudentNationality • Dim ProficiencyInEnglish • Dim StudentRisk • Dim CpdFsmHist • Dim GISShapeData • Dim CommunicationDetail • Dim TravellerFamilyHistory • Fact CommunicationLinkView