B2B Student & B2B Open - Schema explanation and process

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Categories Document

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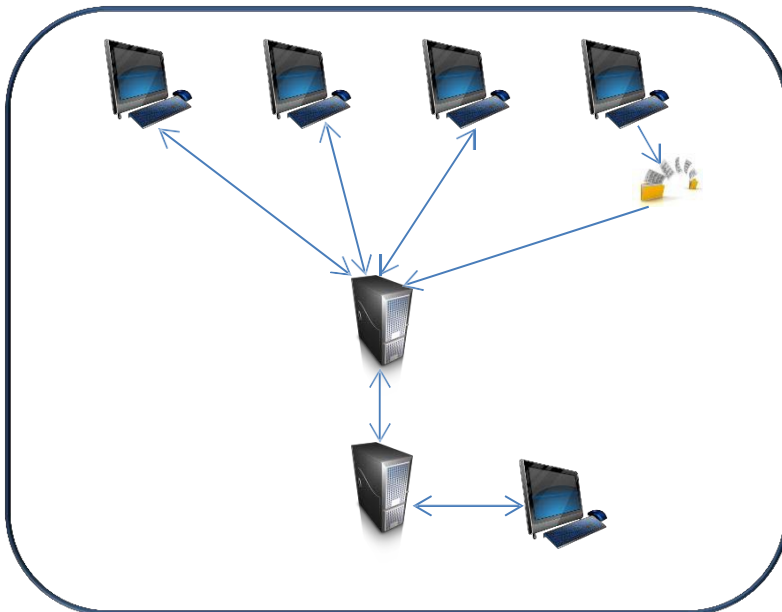onepublications@capita.com

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Introduction

This document is designed to provide a brief overview of the B2B:Student and B2B:Student Open solutions available to support the transfer of Student and Attendance data from Schools MIS systems to the Capita One Education solution. The main purpose of this document is to support schools MIS suppliers in the creation of an XML output which is compliant and compatible with the One Education solution.

Overview

B2B:Student is an automated data transfer and synchronisation process which has been developed in partnership between Capita One Education and Capita SIMS. In recognition of the need to support additional Schools MIS suppliers Capita have developed a B2B:Student Open Application which can facilitate the data transfer element of the B2B:Student transfer.

B2B:Student Open is installed on the Schools Client environment and will pick up and post any files that comply with the naming convention and post these to the B2B:Student Web Server at the time scheduled within the application. The configuration of the folders is also controlled within the B2B:Student Open application.

The Capita One Education solution is capable of receiving automated data transfers from Schools MIS systems where the output from those systems complies and is compatible with the B2B:Student Schema.

The current solution offers two approaches to the transfer of data.

- A fully automated solution encompassing an automated transfer of pupil and attendance level information on a scheduled basis from the school to the Local Authority – this is B2B:Student Open. This involves the Schools MIS provider creating a physical XML file in the necessary format and automates the transfer through a secure FTP connection. These files are then automatically imported in to the One Education database and the information processed according to the data processing rules configured in the One Education solution.

- The second approach is that the Schools MIS provider creates a physical XML file in the necessary format and then they take care of getting it to the Local Authority and then the Local Authority are able to manually import it into their One Education system. The data will then be processed according to the data processing rules configured in the One Education solution.

Once the files are received at the One Education side of the solution they are checked for compliance and compatibility by the One Education solution and if they are approved the system will process the information. If they fail this validation then the file and the data within it are rejected with an error message.

Both the B2B:Student and B2B:Student Open applications are available to purchase from Capita Children's Services by Local Authorities.

A number of supporting documents/files are available to suppliers of Schools MIS systems to enable them to produce a compatible XML output.

- Sample Files
- XML Schema
- XSD
- B2B:Student and B2B:Student Open schema explanation and process document

The following link is to the XML schema, in an Excel spreadsheet, that identifies the XML tags, supported characters in a tag, whether they are mandatory or optional and whether they are repeating tags.

https://onepublications.com/wp-content/uploads/2020/07/B2B-Student-XML-Schema-file-3.72.xlsx