



Microsoft Classroom Deployment

Get Microsoft Classroom Preview



Requirements

- Office 365 Education
 - SharePoint Online
 - Exchange Online



Add MS Classroom Preview to your Office 365 Education tenant

• <http://aka.ms/getclassroom>



Create user accounts and assign Licenses

- Office 365 Education Global Admin
 - (suggest through PowerShell)

Microsoft School Data Sync



Saves Time

- Automatic roster creation with synchronized SIS data
- Automatically reflect class membership updates
- Single sign-on reduces login time and troubles



Saves Money

- Automates creation of digital classrooms
- Reduces teacher and IT burdens
- Integrates with your existing investments

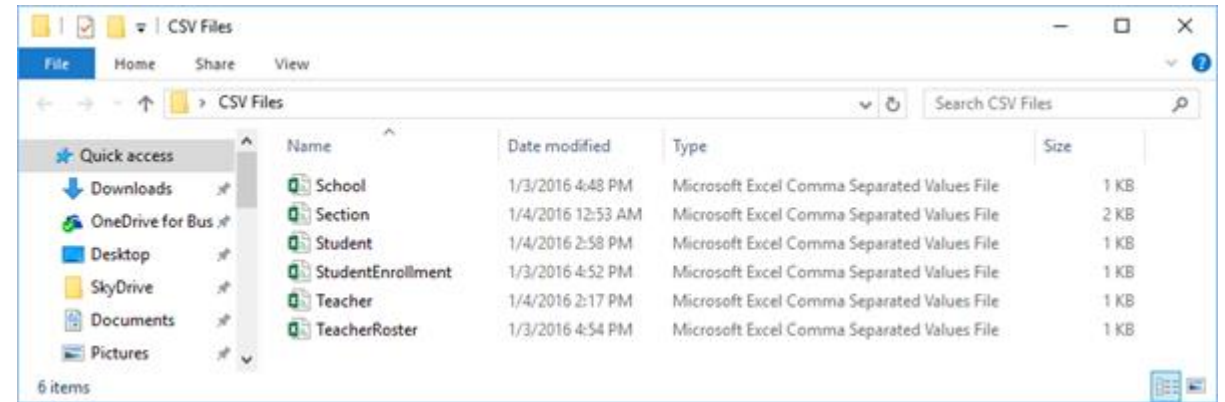


Enterprise Performance

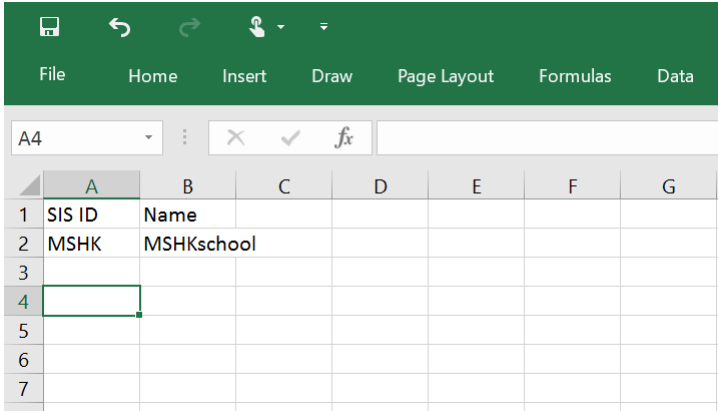
- Built on proven Azure and Office 365 Cloud Platform
- Designed by education pros for education customers
- IT has control over security and privacy

School Data Sync

- Prepare six CSV files
 - School.csv – School information
 - Section.csv – Section information
 - Student.csv – Student information
 - StudentEnrollment.csv – Student to Section mapping
 - Teacher.csv – Teacher information
 - TeacherRoster.csv – Teacher to Section mapping

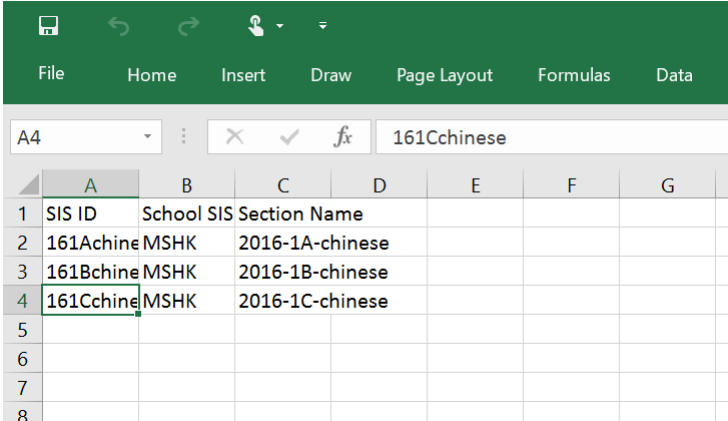


School Data Sync – Six CSV files



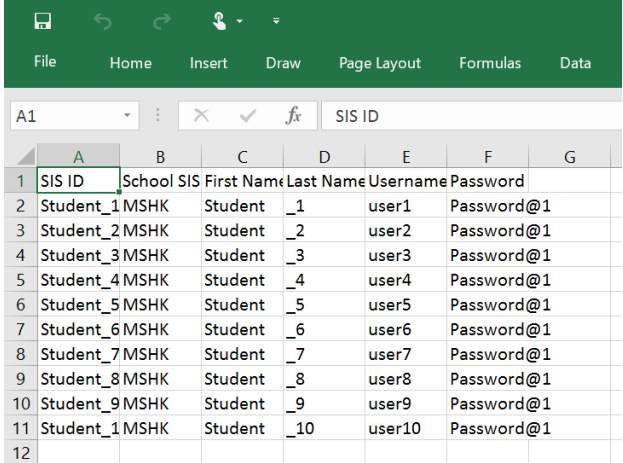
SIS ID	Name
MSHK	MSHKschool

School.csv



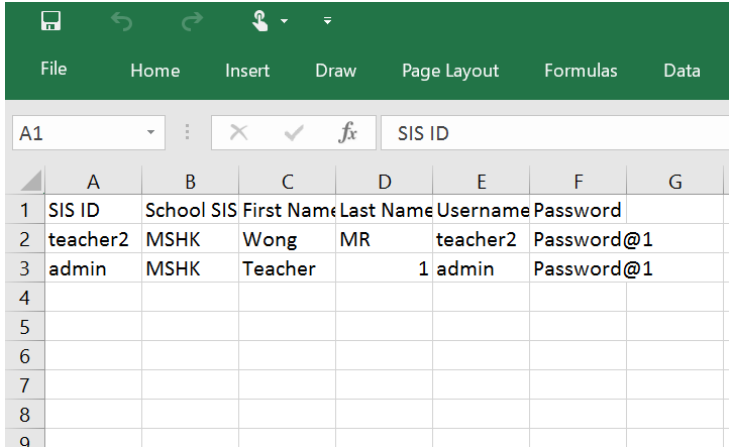
SIS ID	School SIS	Section Name
161A	chinese	MSHK 2016-1A-chinese
161B	chinese	MSHK 2016-1B-chinese
161C	chinese	MSHK 2016-1C-chinese

Section.csv



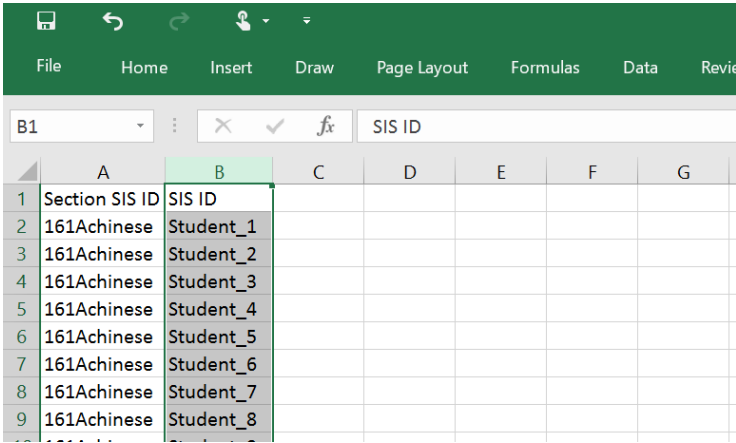
SIS ID	School SIS	First Name	Last Name	Username	Password
Student_1	MSHK	Student	_1	user1	Password@1
Student_2	MSHK	Student	_2	user2	Password@1
Student_3	MSHK	Student	_3	user3	Password@1
Student_4	MSHK	Student	_4	user4	Password@1
Student_5	MSHK	Student	_5	user5	Password@1
Student_6	MSHK	Student	_6	user6	Password@1
Student_7	MSHK	Student	_7	user7	Password@1
Student_8	MSHK	Student	_8	user8	Password@1
Student_9	MSHK	Student	_9	user9	Password@1
Student_10	MSHK	Student	_10	user10	Password@1

Student.csv



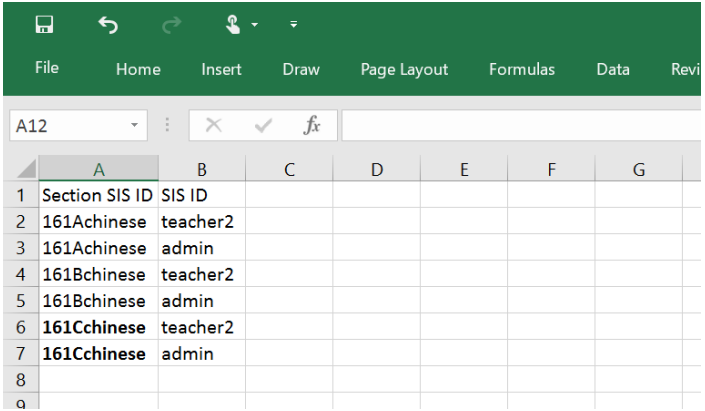
SIS ID	School SIS	First Name	Last Name	Username	Password
teacher2	MSHK	Wong	MR	teacher2	Password@1
admin	MSHK	Teacher		1 admin	Password@1

Teacher.csv



Section SIS ID	SIS ID	
161A	chinese	Student_1
161A	chinese	Student_2
161A	chinese	Student_3
161A	chinese	Student_4
161A	chinese	Student_5
161A	chinese	Student_6
161A	chinese	Student_7
161A	chinese	Student_8

StudentEnrollment.csv



Section SIS ID	SIS ID	
161A	chinese	teacher2
161A	chinese	admin
161B	chinese	teacher2
161B	chinese	admin
161C	chinese	teacher2
161C	chinese	admin

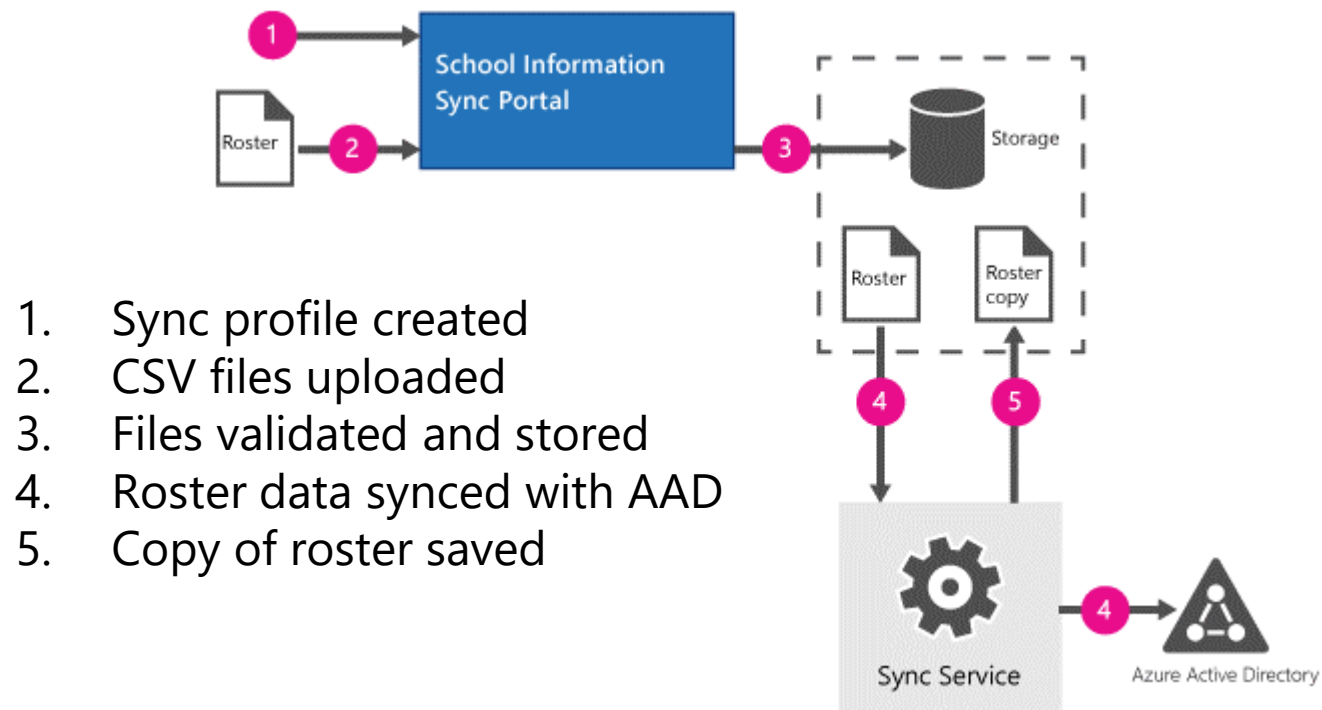
TeacherRoster.csv

School Data Sync

- Go to sds.microsoft.com, sign in using global admin credentials for your Office 365 Education tenant

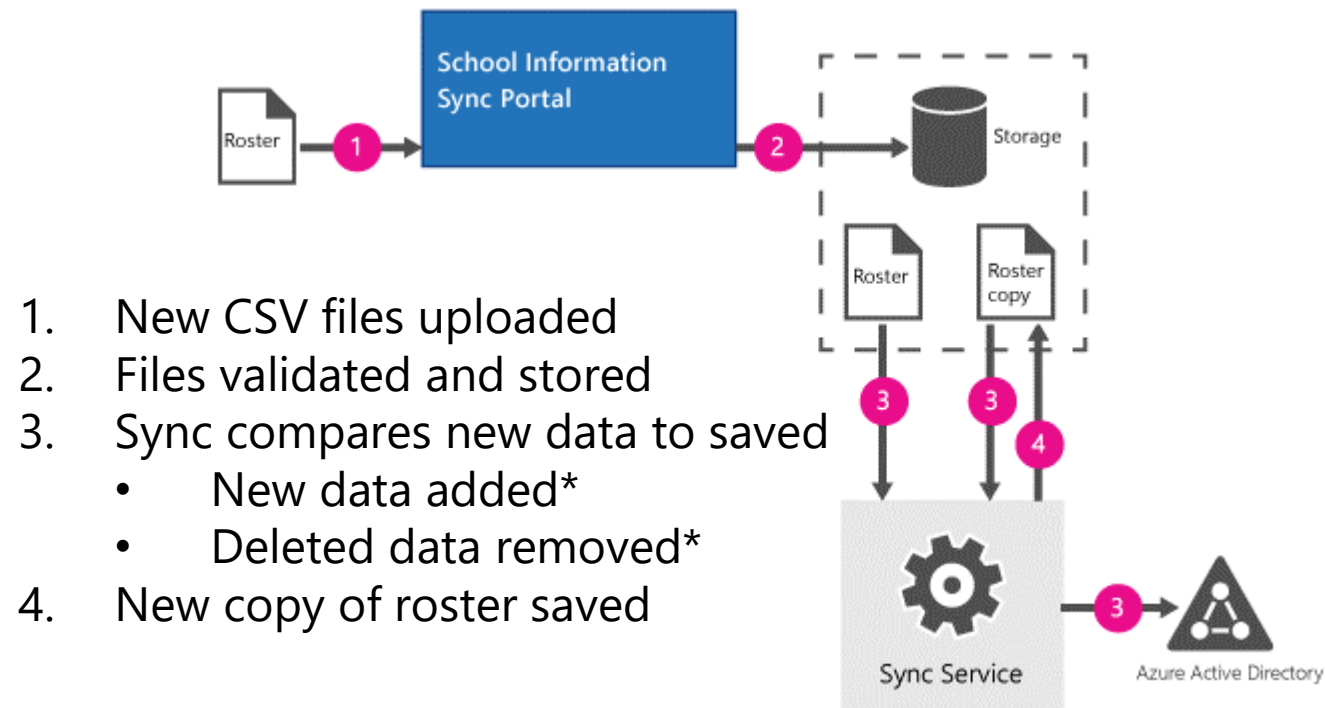
Initial Sync- CSV Deployment

- CSV files are validated
- Accounts provisioned in Azure Active Directory



Subsequent Syncs- CSV Deployment

- New roster compared to the saved roster
- Adds or removes teachers and students



*Sections and schools do not get deleted, only group members and owners

*Sync does not delete accounts from Azure Active Directory

Key Steps on SDS

Office 365 | Admin

Sync Dashboard

Test
Ready to sync

Sync Dashboard

Your Organization

Add Profile

Sync Profiles (1)

Test

SDS Overview

Watch the video

Download the Toolkit

Office 365 | Admin

Exit Setup

- Name & Data Extraction
- Directory Options
- Options to Sync
- Summary

Switch to Express Setup

Enter a name for your profile

DEMO

Data extraction options

Select data source

CSV Files

How to deploy School Data Sync using CSV files

What do you want to do?

Create new users Sync existing users

Identity matching options ⓘ

Please select identifier fields before proceeding

Students

Select source property

Select field

Select suffix

No suffix needed

Select target property

Select field

Teachers

What is a profile?

A profile is a set of options that defines how your data will be synchronized. Most school districts use a single profile to sync all the students, teachers, and roster data.

The maximum file size is 500,000 rows. If your files are longer than 500,000 rows, please bring them up into multiple files and sync them with multiple profiles. [Learn More](#)

Next

Key Steps on SDS

Office Admin center - 作用... Configure Sync Profile - x OfficeMix: Deploying Scho Overview of School Data Sy Install the School Data Sync +

sds.microsoft.com/SyncProfile/ConfigureSis

Office 365 Admin

Select properties to sync

1. Name & Data Extraction

2. Directory Options

3. Options to Sync

4. Summary

Switch to Express Setup

School Properties Select All Reset

SIS ID	Name	School Nu...
School NC...	State ID	Grade Low
Grade High	Principal S...	Principal N...
Principal S...	Address	City
State	Country	Zip
Phone	Zone	

Section Properties

- Student Properties
- Teacher Properties
- StudentEnrollment Properties
- TeacherRoster Properties

Back Next

Need help?

Office 365 Admin

DEMO

Ready to sync

Upload Files Start Sync

Profile details

Edit Delete

Data source
CSV Files

Users created via other sync methods
Existing users synced

Identity mapping option for students
<Username>@mshkschool1.onmicrosoft.com -> userPrincipalName

Identity mapping option for teachers
<Username>@mshkschool1.onmicrosoft.com -> userPrincipalName

Domain for schools / sections
mshkschool1.onmicrosoft.com

Microsoft Classroom Licenses
Classroom licenses are being assigned in this profile

Sync Dashboard

Your Organization

Add Profile

Sync Profiles (2)

Test

DEMO

SDS Overview

Watch the video

Download the Toolkit

Key Steps on SDS

The screenshot illustrates the process of uploading data files for School Data Sync in the Office 365 Admin console. It is divided into three main sections:

- Left Panel (Navigation):** Shows the 'Office 365 Admin' interface with a sidebar containing options like 'Sync Dashboard', 'Your Organization', 'Add Profile', 'Sync Profiles (2)', 'SDS Overview', 'Watch the video', and 'Download the Toolkit'. The 'Sync Profiles (2)' section is expanded to show 'Test' and 'DEMO' profiles.
- Center Panel (Upload Dialog):** A modal window titled 'Select data files to be uploaded' is displayed over the 'DEMO' profile details. It lists several CSV files for selection: 'school.csv', 'section.csv', 'student.csv', 'StudentEnrollment.csv', 'Teacher.csv', and 'TeacherRoster.csv'. Below the list, a progress indicator shows 'Uploading and verifying files...'.
- Right Panel (Profile Details):** Shows the 'DEMO' profile details page. At the top, a 'Ready to sync' status is shown. Below that, a 'Success' message indicates the last sync was on 2016/11/17 at 4:18:25 PM, with options to 'Upload Files' or 'Disable Sync'. The 'Profile details' section includes fields for 'Data source' (CSV Files), 'Users created via other sync methods' (Existing users synced), 'Identity mapping option for students' (<Username>@mshkschool1.onmicrosoft.com → userPrincipalName), 'Identity mapping option for teachers' (<Username>@mshkschool1.onmicrosoft.com → userPrincipalName), 'Domain for schools / sections' (mshkschool1.onmicrosoft.com), and 'Microsoft Classroom Licenses' (Classroom licenses are being assigned in this profile).

School Data Sync Toolkit

Use to:

- Validate CSV files and check for errors
- Perform a manual CSV sync from PowerShell
- Automate CSV sync processes via PowerShell

[Download for free from this link](#)