# **Table of Contents**

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

Set up an Office 365 education tenant

Use School Data Sync to import student data

Configure Microsoft Store for Education

Use Intune for Education to manage groups, apps, and settings

Set up Windows 10 education devices

Set up Windows 10 devices using Windows OOBE

Finish Windows 10 device setup and other tasks

Change history for Microsoft Education Get Started

# Get started: Deploy and manage a full cloud IT solution with Microsoft Education

12/6/2017 • 8 min to read • Edit Online



#### **Applies to:**

• Office 365 for Education, School Data Sync, Microsoft Intune for Education, Microsoft Store for Education, Windows 10 Creators Update, Set up School PCs

Hello, IT administrators! In this walkthrough, we'll show you how you can quickly and easily use the new Microsoft Education system, consisting of new and existing cloud services and tools, to implement a full IT cloud solution for your school.

#### What is Microsoft Education?

Microsoft Education consists of these new and existing services and tools from Microsoft:

- **Microsoft Intune for Education** for simple set up, control, and management of the resources for your school including apps, devices, and settings
- Office 365 for Education provides online apps for work from anywhere and desktop apps for advanced functionality, built for working together and available across devices, and it's free for schools, teachers, and students
  - School Data Sync to help automate the process for importing and integrating School Information System (SIS) data that you can use with Office 365
  - OneNote Class Notebook to organize course content, create and deliver interactive lessons to some
    or all students, collaborate and provide private feedback to individual students, and connect with major
    LMS and SIS partners for assignment workflow
- **Microsoft Teams** to bring conversations, content, and apps together in one place and create collaborate classrooms, connect in professional learning communities, and communicate with school staff
- **Learning Tools** are moving beyond the OneNote desktop app and is now available in Office Lens, OneNote Online, Word Online, and Word desktop
- Whiteboard to create interactive lessons on the big screen, share and collaborate real-time by connecting to Class Notebook and Classroom
- Windows 10, version 1703 (Creators Update) which brings 3D for everyone and other new and updated
   Windows features
- Minecraft: Education Edition which provides an open and immersive environment to promote creativity,

With Microsoft Education, schools can:

- Use affordable devices and simple setup Boost creativity and get started instantly with Windows 10 devices that support Windows Ink. Set up devices in minutes and stay in control with the new Intune for Education.
- **Collaborate in a modern classroom** Help students become career-ready with Office apps like Word, Excel, PowerPoint, and OneNote. Increase comprehension and outcomes with the most advanced teaching apps like integrated Learning Tools.
- **Go beyond the browser with inspiring apps for classroom learning** Inspire with Minecraft: Education Edition and innovative apps from the Microsoft Store for Education.

Go to the Microsoft Education site to learn more. See How to buy to learn about pricing and purchasing options for schools, students, and teachers as well as academic pricing and offers for qualified K-12 and higher education institutions.

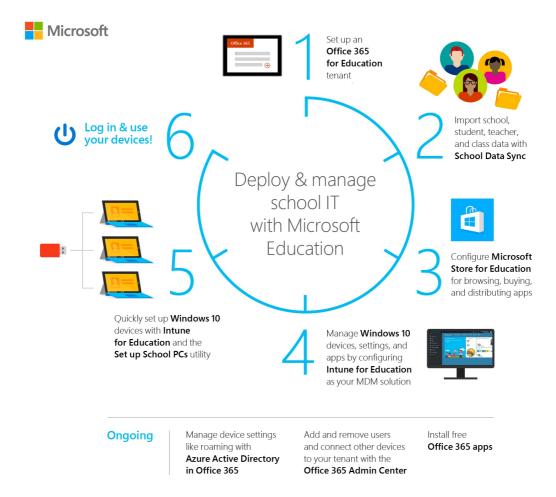
#### What we're doing

The end-to-end process for deploying and managing a full cloud IT solution with Microsoft Education is outlined here. Depending on your setup scenario, you may not need to implement all these steps.

Click the link to watch the video or follow the step-by-step guidance for each.

- 1. Set up an Office 365 education tenant
- 2. Use School Data Sync to import student data
- 3. Configure Microsoft Store for Education
- 4. Use Intune for Education to manage groups, apps, and settings
- 5. Set up Windows 10 education devices
- 6. Finish Windows 10 device setup and other tasks

Figure 1 - Microsoft Education IT administrator workflow



# Prerequisites

Complete these tasks before you start the walkthrough:

 Make sure all the devices that you want to configure, such as student PCs, have the latest Windows 10, version 1703 image installed.

We recommend Windows 10, version 1703 to take advantage of all the new features and functionality that Windows supports. This version of Windows is also compatible with the latest version of the Set up School PCs app and the versions must match in order for Set up School PCs to provision the devices.

If you don't have Windows 10, version 1703 installed on your devices, we recommend upgrading. This process takes a while so start this task before proceeding with this walkthrough.

• Have an education-verified tenant to qualify for an Office 365 for Education subscription. You also need to be education-verified to use School Data Sync and Intune for Education.

If you don't have an education-verified domain, don't worry. We'll show you the steps on how to do this.

#### NOTE

If you need to get education-verified, it may take up to two weeks for the verification process to be completed.

# Setup options

To make sure you have a successful experience with deploying and managing a full cloud IT solution with Microsoft Education, select the scenario that best describes your school or how you'd like to get started.

GET STARTED WITH MICROSOFT EDUCATION IN PRODUCTION ENVIRONMENT	TRY OUT MICROSOFT EDUCATION IN TRIAL ENVIRONMENT	SCHOOL USES OFFICE 365, TRY OUT INTUNE FOR EDUCATION NOW
* My school doesn't use Office 365 for Education	* My school doesn't use Office 365 for Education	* My school uses Office 365 for Education
* My school is not an education- verified tenant	* My school is not an education- verified tenant	* My school is an education-verified tenant
* I would like to get started with Microsoft Education in a production environment	* I would like to try out Microsoft Education in a trial environment	* I would like to apply the Intune for Education trial code to my school's production environment
* Longest, need to start from scratch	* Simplest, but may take longer to start	* Fastest, Office 365 and SDS already set up

#### Option 1: Get started with Microsoft Education in a production environment

Trying out Microsoft Education in a production environment means you'll be using real school data as you evaluate the features and tools. This requires more time to get fully set up and going.

To get started with Microsoft Education in a production environment:

• Go to https://aka.ms/sdssignup and fill out the form to sign up for School Data Sync and receive a free, one-on-one support from Microsoft.

A team from Microsoft will contact you to help get started with Microsoft Education.

If you want a quicker way to evaluate Microsoft Education, you can use a trial environment instead.

#### Option 2: Try out Microsoft Education in a trial environment

Once you get an Office 365 education-verified tenant, trying out Microsoft Education in a trial environment is an easy way to evaluate all the features and tools. Here, you'll use promo codes and sample files as you follow the walkthrough.

To get started with Microsoft Education in a trial environment, follow these steps.

1. Set up a new Office 365 for Education tenant.

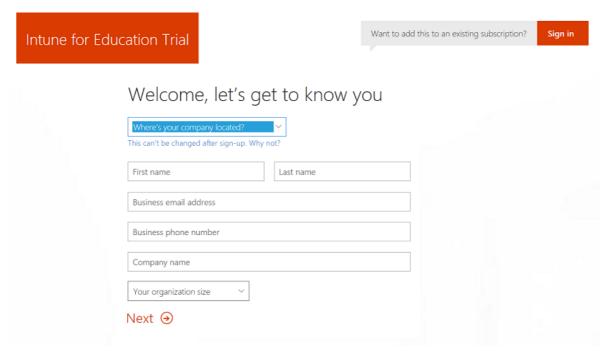
Wait for your tenant to be education-verified before proceeding with the next step. Verification can take up to a few days.

- 2. Once you have an education-verified tenant, click https://aka.ms/intuneforedupreviewtrial to apply the Intune for Education trial promo code.
  - a. In the Intune for Education Trial page, on the upper right, click **Sign in** next to **Want to add this to an existing subscription?**.
  - b. Sign in with your global admin credentials.
- 3. Sign in to Office 365 admin portal and:
  - a. Select **Admin > Users** and then search for your admin account.
  - b. In the user page, select **Product licenses** and expand the **Office 365 Education** license you assigned to yourself.
  - c. Confirm that School Data Sync is turned on.
- 4. Skip ahead and follow the rest of the instructions in this walkthrough beginning with Use School Data Sync to import student data.

Already have an Office 365 for Education verified tenant? Just sign in with your global admin credentials to apply the Intune for Education preview trial code to your tenant and follow the rest of the walkthrough.

- 1. Click https://aka.ms/intuneforedupreviewtrial to get started.
- 2. In the Intune for Education Trial page, on the upper right, click Sign in next to Want to add this to an existing subscription?.

Figure 2 - Intune for Education trial sign in page



- 3. Enter your Office 365 global admin credentials to apply the Intune for Education trial to your tenant.
- 4. If you don't already have Microsoft Teams deployed to your tenant, you can start with Enable Microsoft Teams for your school and then follow the rest of the instructions in this walkthrough.

#### Get more info

#### Microsoft Education documentation and resources hub

See the Microsoft Education documentation and resources hub for links to more content for IT admins, teachers, students, and education app developers.

#### Info related to this walkthrough

#### For IT admins

To learn more about the services and tools mentioned in this walkthrough, and learn what other tasks you can do, follow these links:

- Working with Microsoft Store for Education
- Resources for anyone who uses Office 365 and Resources for admins in Get started with Office 365 for Education
- School Data Sync deployment options
  - Deployment using CSV files: How to deploy School Data Sync by using CSV files and CSV files for School Data Sync
  - Deployment using PowerSchool Sync: How to deploy School Data Sync by using PowerSchool Sync and School Data Sync required attributes for PowerSchool Sync
  - Deployment using Clever Sync: How to deploy School Data Sync by using Clever Sync and School Data Sync required attributes for Clever sync

- Deployment using OneRoster CSV files: How to deploy School Data Sync by using OneRoster CSV files
- Azure Active Directory features used by Intune for Education, including:
  - Single Sign-On (SSO) Allow your Azure AD users to access SSO-enabled apps, so they don't need to type in their credentials to access these apps.
  - MDM auto-enrollment Devices are automatically enrolled with Intune upon being joined with Azure AD join.
- Enterprise state roaming Keep school data and personal data separate on your devices.
  - Dynamic groups You can use dynamic groups to create rules that populate your groups (for example, a group with all 9th graders) instead of having to manually add or remove members of the groups. The group stays updated by continually staying populated with members that fit the rules you pick.
  - Password write-back Allows you to configure Azure AD to write passwords back to your on-premises
    Active Directory. It removes the need to set up and manage a complicated on-premises self-service
    password reset solution, and it provides a convenient cloud-based way for your users to reset their onpremises passwords wherever they are.
  - o Administrative units
  - Additional local administrators
  - Self-service BitLocker recovery A self-service portal that allows your employees to retrieve their BitLocker recovery key and avoid support calls.

#### For teachers

Whether it's in the classroom, getting the most out of your devices, or learning some of the cool things you can do, we've got teachers covered. Follow these links for more info:

- Resources for anyone who uses Office 365 in Get started with Office 365 for Education
- Windows 10 online resources for teachers

# Set up an Office 365 Education tenant

12/11/2017 • 2 min to read • Edit Online

<< GET STARTED: DEPLOY AND MANAGE A FULL CLOUD IT SOLUTION WITH MICROSOFT

EDUCATION

USE SCHOOL DATA SYNC TO IMPORT STUDENT DATA

>>

Schools can use Office 365 to save time and be more productive. Built with powerful tools and accessible from any device, setting it up is the first step in getting your school to the cloud.

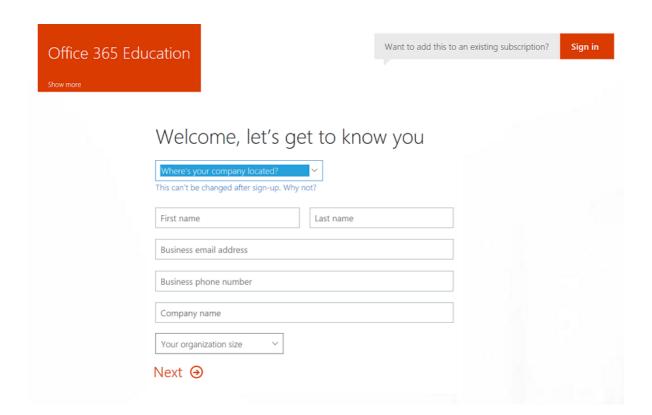
Don't have an Office 365 for Education verified tenant or just starting out? Follow these steps to set up an Office 365 for Education tenant. Learn more about Office 365 for Education plans and pricing.

You can watch the descriptive audio version here: Microsoft Education: Set up an Office 365 Education tenant (DA)

# To set up a new Office 365 Education tenant

- 1. Go to the Office 365 for Education sign up page to sign up for a free subscription for your school.
- 2. Create an account and a user ID and password to use to sign into your account.

Figure 1 - Office 365 account creation



- 3. Save your sign-in info so you can use it to sign in to https://portal.office.com (the sign-in page). Click **You're ready to go...**
- 4. In the Verify eligibility for Microsoft Office 365 for Education screen:
  - a. Add your domain name and follow the steps to confirm ownership of the domain.
  - b. Choose your DNS hosting provider to see step-by-step instructions on how to confirm that you own the domain.

In some cases, you may need to wait several hours for the DNS verification to complete. You can click **I'll verify later** and come back later and log into the Office 365 portal and then go to the **Admin** center and select **Domains** to check the status entry for your domain.

You may need to fill in other information to provide that you qualify for an education tenant. Provide and submit the info to Microsoft to continue verification for your tenant.

As part of setting up a basic cloud infrastructure, you don't need to complete the rest of the Office 365 for Education setup so we will skip the rest of setup for now and start importing school data. You can pick up where you left off with Office 365 for Education setup once you've completed the rest of the steps in the walkthrough. See *Complete Office 365 for Education setup* in Finish Windows 10 device setup and other tasks for info.



## Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Use School Data Sync to import student data

12/11/2017 • 8 min to read • Edit Online

< < SET UP AN OFFICE 365 EDUCATION

TENANT

CONFIGURE MICROSOFT STORE FOR EDUCATION

> >

School Data Sync (SDS) helps you import Student Information System (SIS) data into Office 365. It helps automate the process for importing and integrating SIS data that you can use with Office 365 and apps like OneNote Class Notebooks.

Follow all the steps in this section to use SDS and sample CSV files in a trial environment. To use SDS in a production environment, see step 2 in Try out Microsoft Education in a production environment instead.

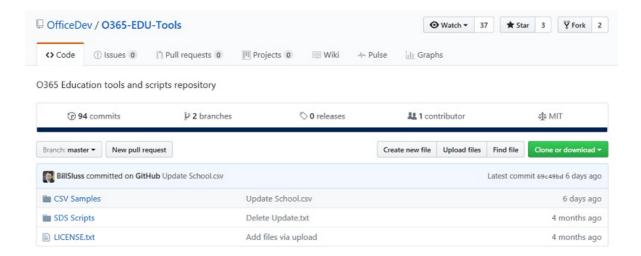
You can watch the video to see how this is done, or follow the step-by-step guide.

You can watch the descriptive audio version here: Microsoft Education: Use School Data Sync to import student data (DA)

## Download sample school data

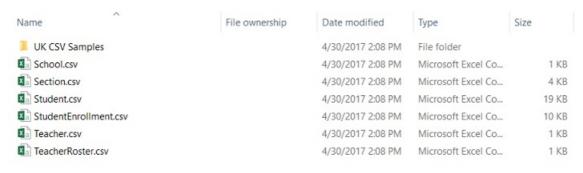
- 1. Go to the O365-EDU-Tools GitHub site.
- 2. Click the green **Clone or download** button to download the SDS sample files.

Figure 1 - Download the SDS sample files from GitHub



- 3. In the **Clone with HTTPS** pop-up window, choose **Download ZIP** and note the location where you're saving the folder.
- 4. Go to the folder where you saved the .zip and unzip the files.
- 5. Open the **O365-EDU-Tools-master** folder and then open the **CSV Samples** subfolder. Confirm that you can see the following sample CSV files.

Figure 2 - Sample CSV files



#### **NOTE**

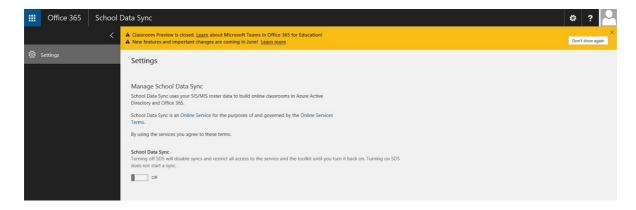
- The sample CSV files uses sample accounts and passwords. If you are using the sample files for testing, remember the accounts and their corresponding passwords. You may be asked to change the password during your first sign in.
- If you are modifying the sample CSV files to use in your organization, change the accounts and passwords to match the user accounts and passwords in your organization.
- If you are using CSV files from your existing production environment, see the detailed instructions in step 5 in the next section.

To learn more about the CSV files that are required and the info you need to include in each file, see CSV files for School Data Sync. If you run into any issues, see School Data Sync errors and troubleshooting.

# Use SDS to import student data

- 1. If you haven't done so already, go to the SDS portal, https://sds.microsoft.com.
- 2. Click Sign in. You will see the Settings option for Manage School Data Sync.

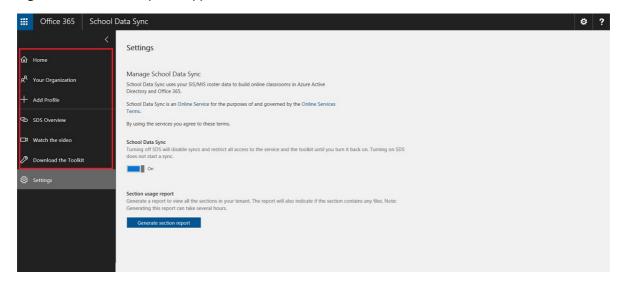
Figure 3 - Settings for managing SDS



3. Turn on **School Data Sync**. You will get a notification that it is turned on. Click **OK**.

New menu options will appear on the left of the SDS portal.

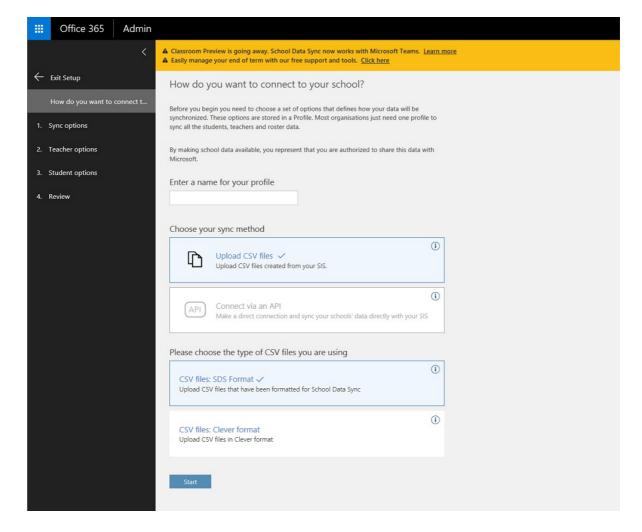
Figure 4 - New menu options appear after SDS is turned on



4. Click + Add Profile from the sync dashboard or from the menu on the left to start syncing school data.

This opens up the new profile setup wizard within the main page.

Figure 5 - New SDS profile setup wizard



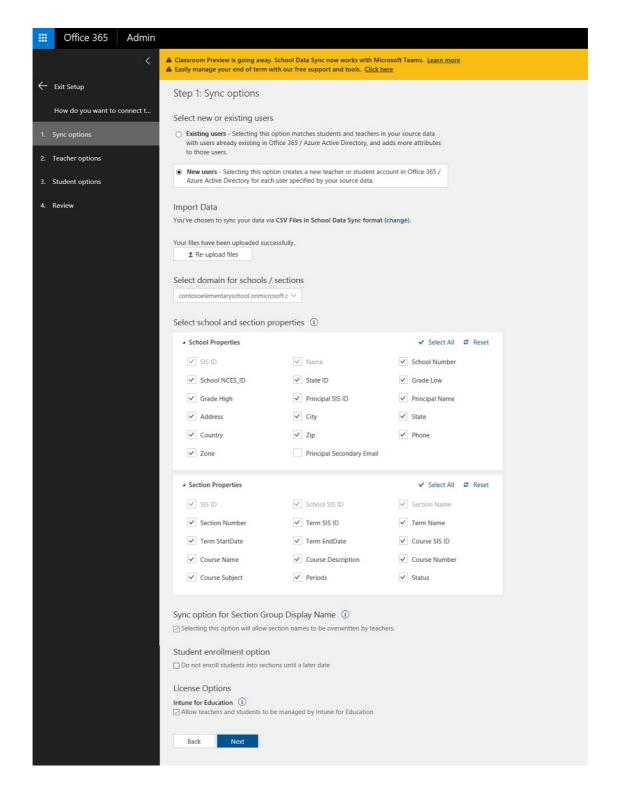
- 5. For the new profile, in the **How do you want to connect to your school?** screen:
  - a. Enter a name for your profile, such as Contoso\_Elementary\_Profile.
  - b. Select a sync method for your profile. For this walkthrough, select **Upload CSV Files**.
  - c. Select the type of CSV files that you're using. For this walkthrough, select **CSV files: SDS Format**.
  - d. Click Start.
- 6. In the **Sync options** screen:
  - a. In the **Select new or existing users** section, you can select either **Existing users** or **New users** based on the scenaro that applies to you. For this walkthrough, select **New users**.
  - b. In the **Import data** section:
    - a. Click **Upload Files** to bring up the **Select data files to be uploaded** window.
    - b. In the **Select data files to be uploaded** window, click **+ Add Files** and navigate to the directory where you saved the six CSV files required for data import.
    - c. In the File Explorer window, you will see a folder for the sample CSV files for the UK and six sample CSV files for the US. Select the CSV files that match your region/locale, and then click **Open**.
    - d. In the **Select data files to be uploaded** window, confirm that all six CSV files (School.csv, Section.csv, Student.csv, StudentEnrollment.csv, Teacher.csv, and TeacherRoster.csv) are listed and then click **Upload**.

#### **NOTE**

After you click **Upload**, the status in the **Select data files to be uploaded** window will indicate that files are being uploaded and verified.

- a. After all the files are successfully uploaded, click **OK**.
- c. Select the domain for the schools/sections. This domain will be used for the Section email addresses created during setup. If you have more than one domain, make sure you select the appropriate domain for the sync profile and subsequent sections being created.
- d. In the **Select school and section properties** section, ensure the attributes that have been automatically selected for you align to your CSV files. If you select additional properties, or deselect any properties, make sure you have the properties and values contained within the CSV files. For the walkthrough, you don't have to change the default.
- e. In the **Sync option for Section Group Display Name**, check the box if you want to allow teachers to overwrite the section names. Otherwise, SDS will always reset the display name value for sections to the value contained within the CSV files.
- f. In the **Student enrollment option** section:
  - If you want to sync your student roster data immediately, leave the box unchecked.
  - If you prefer to sync student enrollment/rostering data at a later date, check this box and then pick a date by clicking the empty box and selecting the appropriate date in the calendar when you would like to begin syncing your student roster data. Some schools prefer to delay syncing student roster data so they don't expose rosters before the start of the new term, semester, or school year.
- g. In the **License Options** section, check the box for **Intune for Education** to allow students and teachers to receive the Intune for Education license. This will also create the SDS dynamic groups and security groups, which will be used within Intune for Education.
- h. Click Next.

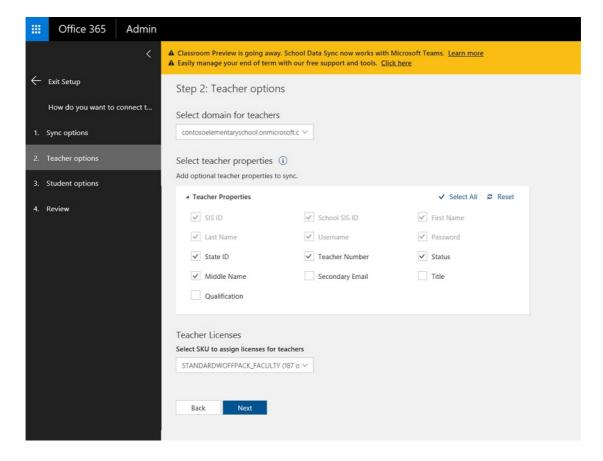
Figure 6 - Sync options for the new profile



#### 7. In the **Teacher options** screen:

- a. Select the domain for the teachers. SDS appends the selected domain suffix to the teacher's username attribute contained in the CSV file, to build the UserPrincipalName for each user in Office 365/Azure Active Directory during the account creation process. The teacher will log in to Office 365 with the UserPrincipalName once the account is created.
- b. In the **Select teacher properties** section, make sure the attributes that have been automatically selected for you align to your CSV files. If you select additional properties or deselect any properties, make sure you have the corresponding properties and values contained within the CSV files. For this walkthrough, you don't have to change the default.
- c. In the **Teacher licenses** section, choose the SKU to assign licenses for teachers. For example, **STANDARDWOFFPACK FACULTY**.
- d. Click Next.

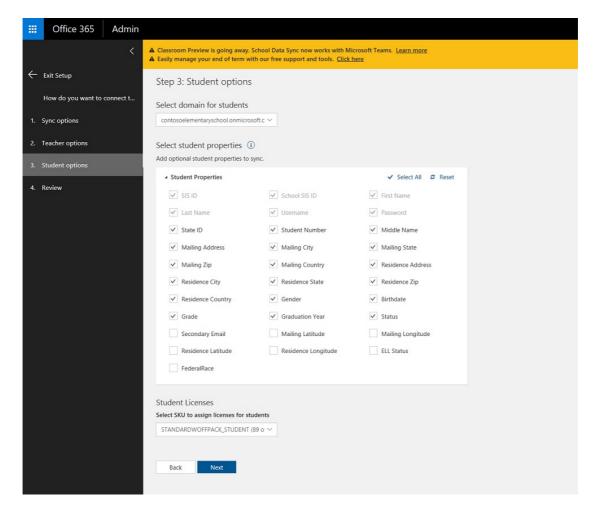
Figure 7 - Specify options for teacher mapping



#### 8. In the **Student options** screen:

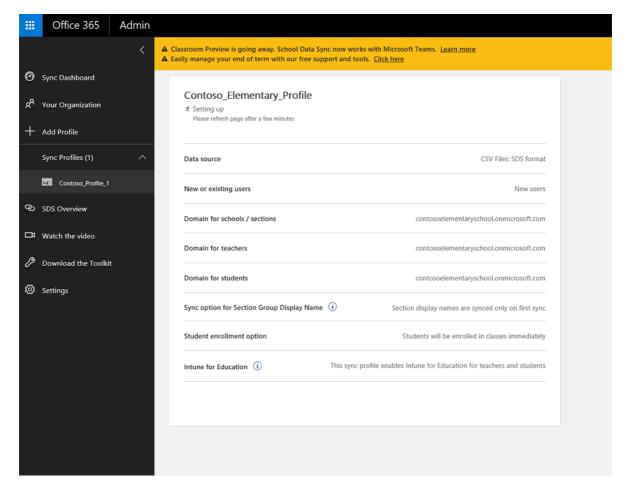
- a. Select the domain for the students. SDS appends the selected domain suffix to the student's username attribute contained in the CSV file, to build the UserPrincipalName for each user in Office 365/Azure Active Directory during the account creation process. The student will log in to Office 365 with the UserPrincipalName once the account is created.
- b. In the **Select student properties** section, make sure the attributes that have been automatically selected for you align to your CSV files. If you select additional properties or deselect any properties, make sure you have the corresponding properties and values contained within the CSV files. For this walkthrough, you don't have to change the default.
- c. In the **Student licenses** section, choose the SKU to assign licenses for students. For example, **STANDARDWOFFPACK\_STUDENT**.
- d. Click Next.

Figure 8 - Specify options for student mapping



- 9. In the profile **Review** page, review the summary and confirm that the options selected are correct.
- 10. Click **Create profile**. You will see a notification that your profile is being submitted and then you will see a page for your profile.

Figure 9 - SDS profile page



- 11. After the profile is created and the status indicates as **Setting up**, refresh the page until you see the status change to **Sync in progress**. Beneath the **Sync in progress** status, you will see which of the 5 sync stages SDS is working on:
  - Stage 1 Validating data
  - Stage 2 Processing schools and sections
  - Stage 3 Processing students and teachers
  - Stage 4 Adding students and teachers into sections
  - Stage 5 Setting up security groups

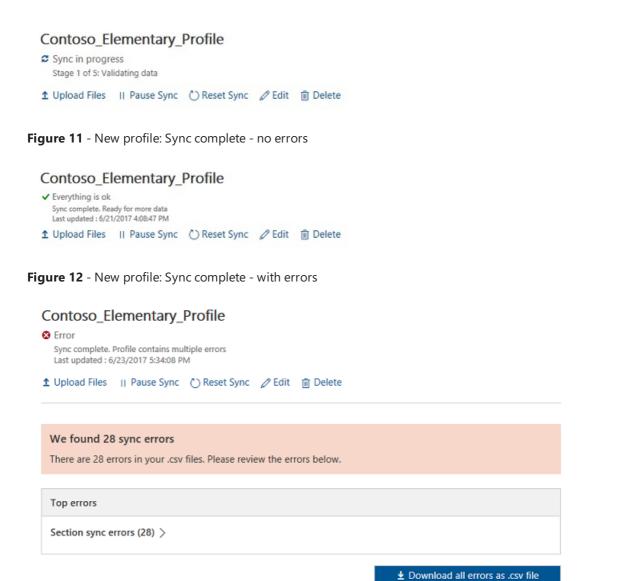
If you don't see a **Sync in progress** status on the sync profile, and receive an error message instead, this indicates that SDS has encountered data issues during the pre-sync validation check and has not started syncing your data. This gives you the opportunity to fix the errors identified by the pre-sync validation checks before continuing. Once you've fixed any errors or if you prefer to continue with the errors and begin syncing your data anyway, click the **Resume sync** button to start the sync process.

Once you've completed all five sync stages, your profile status will update one final time.

- If you haven't encountered any errors, you will see a green check mark which states **Everything is ok**, and the profile status will change to **Sync complete. Ready for more data.**
- If SDS encountered sync errors, you will see a red status icon that indicates an error, and a profile status of **Sync complete. Profile contains multiple errors**. Download the available error report to identify and fix your sync errors. Once complete, upload new files as needed and re-sync your data until errors are resolved.

Here are some examples of what the sync status can look like:

Figure 10 - New profile: Sync in progress



Sync times, like file download times, can vary widely depending on when you start the sync, how much data you are syncing, the complexity of your data (such as the number of users, schools, and class enrollments), overall system/network load, and other factors. Two people who start a sync at the same time may not have their syncs complete at the same time.

You can refresh the page to confirm that your profile synced successfully.

That's it for importing sample school data using SDS.



# Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Configure Microsoft Store for Education

12/11/2017 • 1 min to read • Edit Online



You'll need to configure Microsoft Store for Education to accept the services agreement and make sure your Microsoft Store account is associated with Intune for Education.

You can watch the video to see how this is done, or follow the step-by-step guide.

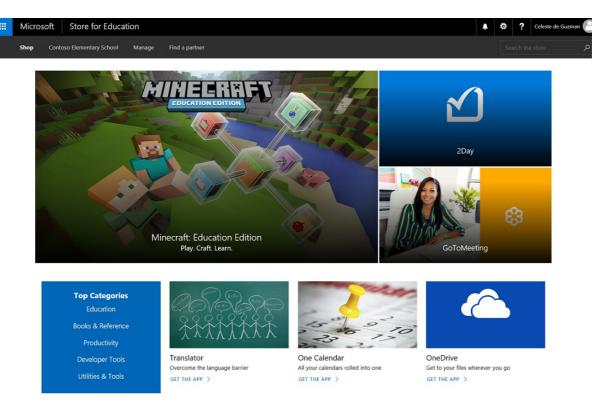
You can watch the descriptive audio version here: Microsoft Education: Configure Microsoft Store for Education (DA)

# Associate your Microsoft Store account with Intune for Education

- 1. Sign in to Microsoft Store for Education.
- 2. Accept the Microsoft Store for Business and Education Services Agreement.

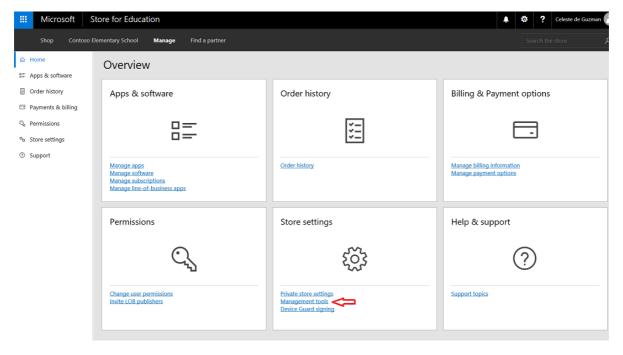
This will take you to the Microsoft Store for Education portal.

Figure 1 - Microsoft Store for Education portal



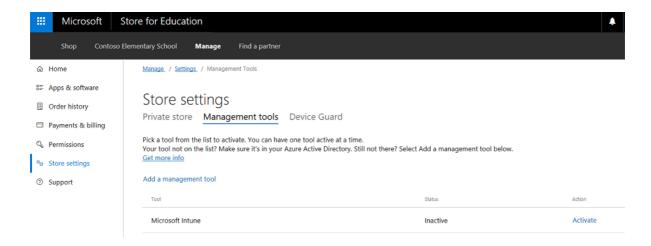
- 3. In the Microsoft Store portal, click **Manage** to go to the Microsoft Store **Overview** page.
- 4. Find the Overview page, find the Store settings tile and click Management tools.

Figure 2 - Select management tools from the list of Store settings options



5. In the **Management tools** page, find **Microsoft Intune** on the list and click **Activate** to get Intune for Education ready for use with Microsoft Store for Education.

Figure 3 - Activate Intune for Education as the management tool



Your Microsoft Store for Education account is now linked to Intune for Education so let's set that up next.



# Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Use Intune for Education to manage groups, apps, and settings

12/11/2017 • 7 min to read • Edit Online

<< CONFIGURE MICROSOFT STORE FOR EDUCATION SET UP WINDOWS 10 EDUCATION DEVICES

> >

Intune for Education is a streamlined device management solution for educational institutions that can be used to quickly set up and manage Windows 10 devices for your school. It provides a new streamlined UI with the enterprise readiness and resiliency of the Intune service. You can learn more about Intune for Education by reading the Intune for Education documentation.

# Example - Set up Intune for Education, buy apps from the Store, and install the apps

In this walkthrough, we'll go through a sample scenario and walk you through the steps to:

- Use express configuration to quickly set up Intune for Education
- Use Intune for Education to buy apps from the Microsoft Store for Education
- Use Intune for Education to install the apps for all users in your tenant

Note that for verified education tenants, Microsoft automatically provisions your app catalog with these apps so you will see them appear on your Intune for Education catalog even before you've bought any apps:

- Excel
- Fresh Paint
- Minecraft: Education Edition
- OneNote
- PowerPoint
- Sway
- Word

#### **NOTE**

Apps that you own in the Microsoft Store for Education are automatically available in Intune for Education. Any changes you make to your purchases get reflected in Intune for Education.

You can watch the video to see how this is done, or follow the step-by-step guide.

You can watch the descriptive audio version here: Microsoft Education: Use Intune for Education to manage groups, apps, and settings (DA)

## Set up Intune for Education

Intune for Education provides an **Express configuration** option so you can get going right away. We'll use that option here.

1. Log into the Intune for Education console. You will see the Intune for Education dashboard once you're logged in.

Figure 1 - Intune for Education dashboard



- 2. On the dashboard, click **Launch Express Configuration**, or select the **Express configuration** option on the menu on the left.
- 3. In the Welcome to Intune for Education screen, click **Get started**.

Figure 2 - Click Get started to set up Intune for Education

#### Welcome to Intune for Education

Intune for Education helps you set up your PCs with the apps and settings you need. To get started, we'll walk you through these steps:



You can repeat these steps to set up other groups with apps and settings.

Get started

4. In the **Get school information (optional)** screen, it should indicate that SDS is already configured. Click **Next**.

Figure 3 - SDS is configured

#### Get school information (optional)

#### School Data Sync is configured!

Intune for Education creates groups based on the students and teachers found in your school information system. It may take some time for you to see all of these groups in Intune for Education after you initially configure the sync.



5. In the **Choose group** screen, select **All Users**. All apps and settings that we select during express setup will apply to this group.

You can choose another group during this step, but note that your experience may vary from what we show in the walkthrough.

6. The **Next** button will appear at the bottom of the screen after you select **All Users**. Click **Next**.

# At the top of the screen, did you notice the **Choose group** button change to a green check mark? This means we are done with that step. If you change your mind or need to make changes, simply click on the button to go back to that step. Try it! Figure 4 - Click on the buttons to go back to that step Welcome to Intune for Education Choose group Choose apps Choose settings Review 3

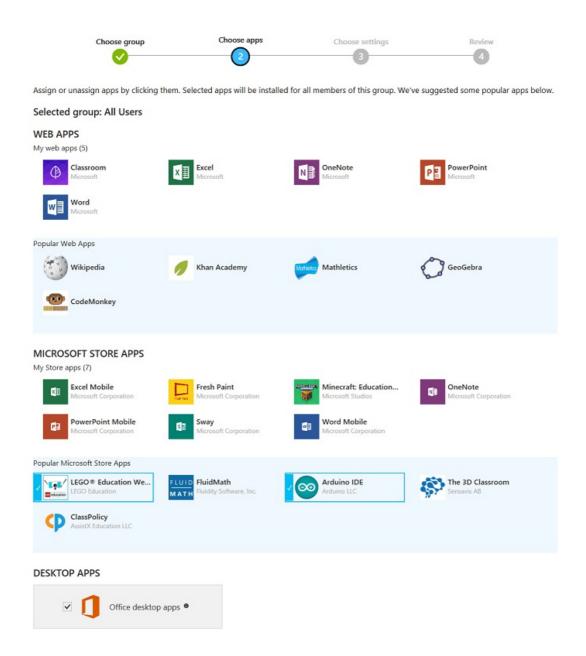
- 7. In the **Choose apps** screen, you will see a selection of Web apps, Microsoft Store apps, and desktop (Win32) apps. You will also see a list of popular apps from each category.
  - Add or remove apps by clicking on them. A blue checkmark means the app is added and will be installed for all members of the group selected in the **Choose group** step.

In this walkthrough, it's up to you to select the apps you choose to install. Just remember what they are so that later in the walkthrough you can verify that the apps were installed correctly on the device.

#### TIP

Web apps are pushed as links in the Windows Start menu under **All apps**. If you want apps to appear in Microsoft Edge browser tabs, use the **Homepages** setting for Microsoft Edge through **Express configuration** or **Manage Users and Devices**.

Figure 5 - Choose the apps that you want to install for the group

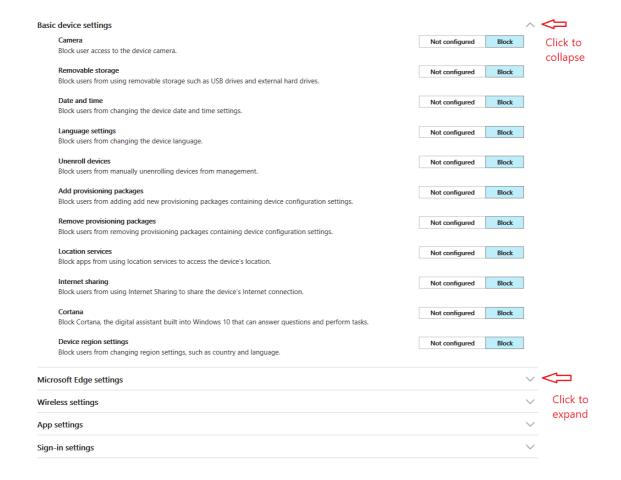


8. When you're done choosing apps, click **Next** at the bottom of the screen.

If you select Microsoft Store apps, you will see a notification that Intune for Education is getting these apps.

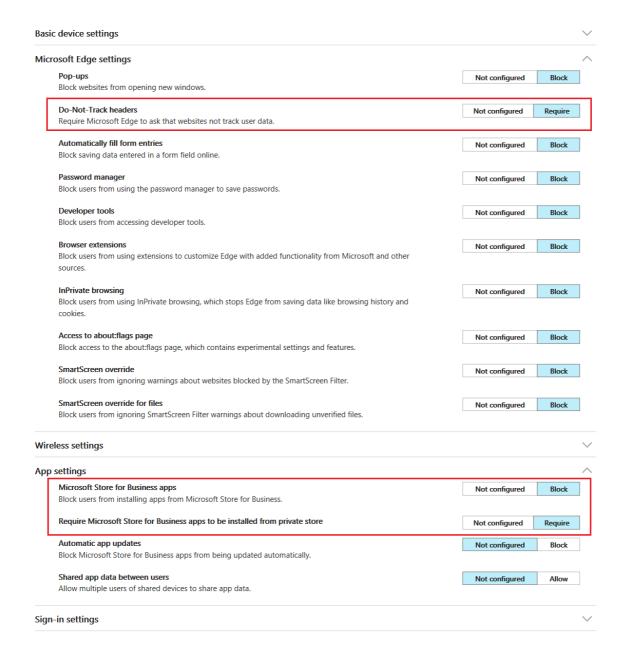
9. In the **Choose settings** screen, we will set the settings to apply to the group. Click the reverse caret (downward-facing arrow) to expand the settings group and get more information about each setting in that settings group.

Figure 6 - Expand the settings group to get more details



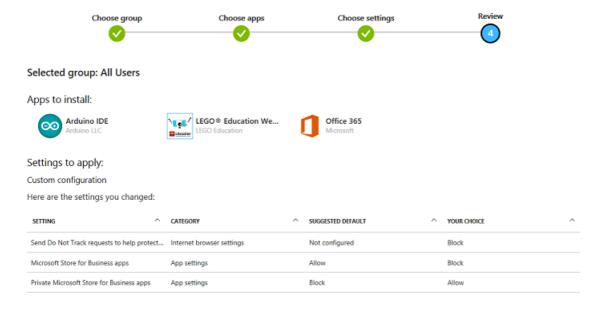
- 10. For this walkthrough, set the following settings:
  - In the Microsoft Edge settings group, change the Do-Not-Track headers setting to Require.
  - In the App settings group, change the Microsoft Store for Business apps setting to Block, and then set the Require Microsoft Store for Business apps to be installed from private store to Require.

Figure 28 - Set some additional settings



11. Click Next. In the Review screen, you will see a summary of the apps and settings you selected to apply.

Figure 7 - Review the group, apps, and settings you configured



12. Click Save to end express configuration.

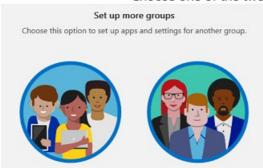
13. You will see the **You're done!** screen which lets you choose one of two options.

Figure 8 - All done with Intune for Education express configuration

#### You're done!

Next, you can set up another group or start adding PCs.

Choose one of the two options below to continue.





14. Click **All done** or click the **X** on the upper-right corner of the screen to dismiss this screen and go back to the dashboard.

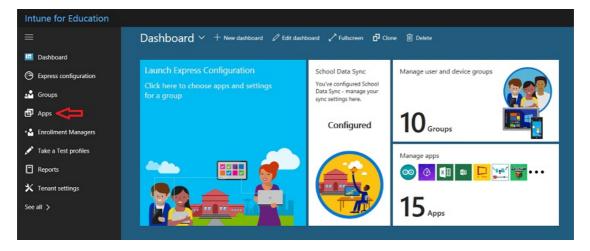
## Add apps bought from Microsoft Store for Education

• Example 1 - Minecraft: Education Edition

If you would like to purchase Minecraft: Education Edition or want to learn how to get, distribute, and manage permissions for Minecraft: Education Edition, see For IT administrators - get Minecraft: Education Edition.

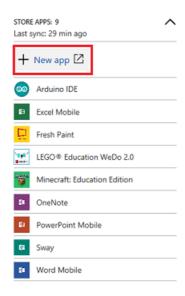
- Example 2 Free educational/reference apps
  - 1. In the Intune for Education console, click **Apps** from the menu on the left.

Figure 9 - Click on Apps to see the list of apps for your tenant



2. In the **Store apps** section, click **+ New app**. This will take you to the Microsoft Store for Education portal and you will already be signed in.

Figure 10 - Select the option to add a new Store app



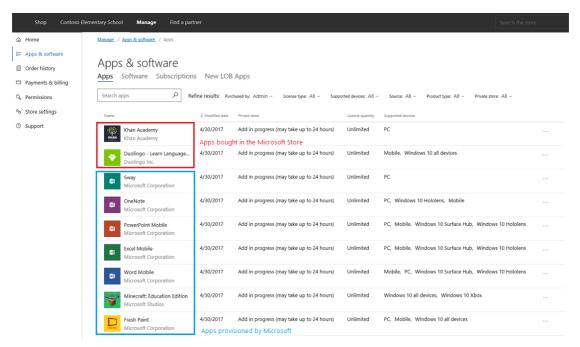
3. In the Microsoft Store page, check some of the categories for suggested apps or search the Store for a free educational or reference app. Find ones that you haven't already installed during express setup for Intune for Education.

For example, these apps are free:

- o Duolingo Learn Languages for Free
- o Flashcards Pro
- Khan Academy
- o My Study Life
- 4. Find or select the app you want to install and click **Get the app**.
- 5. In the app's Store page, click the ... button and select **Add to private store**.
- 6. Repeat steps 3-5 to install another app or move to the next step.
- 7. In the Microsoft Store for Education portal, select **Manage > Apps & software > Manage apps** to verify that the apps you purchased appear in your inventory.

For example, if you bought Duolingo and Khan Academy, they will show up in your inventory along with the apps that Microsoft automatically provisioned for your education tenant.

Figure 11 - Apps inventory in Microsoft Store for Education



In the **Private store** column of the **Apps & software** page, the status for some apps will indicate that it's "In private store" while others will say "Not in private store". We won't go over this in the walkthrough, but you can learn more about this in Distribute apps using your private store.

#### **NOTE**

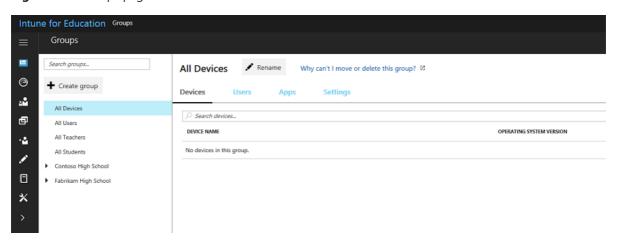
You'll see in the above screenshot that some apps say that **Add is in progress**. Sync happens automatically, but it may take up to 24 hours for your organization's private store and 12 hours for Intune for Education to sync all your purchased apps.

# Install apps for all users

Now that you've bought the apps, use Intune for Education to specify the group to install the apps for. Here, we'll show you how to install the apps you bought for all devices used by all users in your tenant.

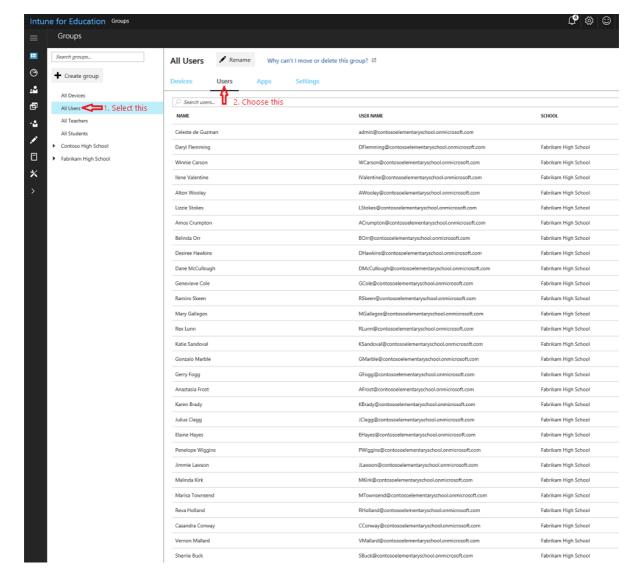
1. In the Intune for Education console, click the **Groups** option from the menu on the left.

Figure 12 - Groups page in Intune for Education



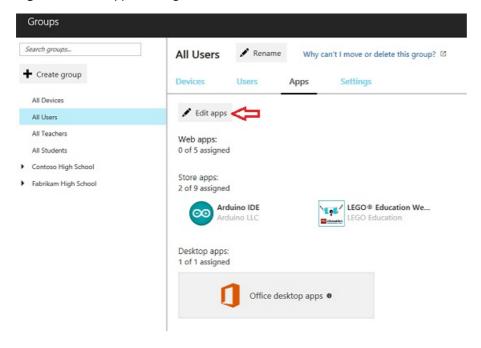
2. In the **Groups** page, select **All Users** from the list of groups on the left, and then click **Users** in the taskbar at the top of the **All Users** page.

Figure 13 - List of all users in the tenant



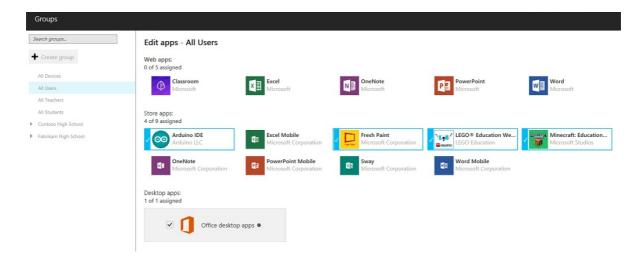
3. In the taskbar at the top, select **Apps** and then click **Edit apps** to see a list of available apps.

Figure 14 - Edit apps to assign them to users



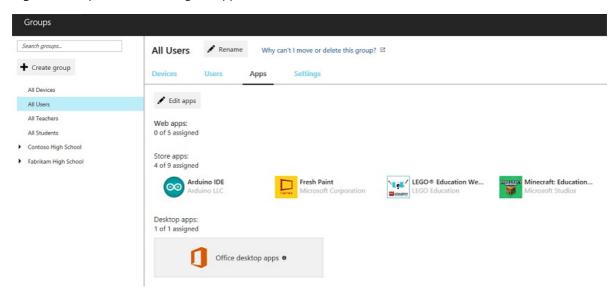
4. Select the apps to deploy to the group. A blue checkmark will appear next to the apps you select.

Figure 15 - Select the apps to deploy to the group



- 5. Once you're done, click **Save** at the bottom of the page to deploy the selected apps to the group.
- 6. You'll be notified that app assignments are being updated. The updated **All Users** groups page now include the apps you selected.

Figure 16 - Updated list of assigned apps



You're now done assigning apps to all users in your tenant. It's time to set up your Windows 10 device(s) and check that your cloud infrastructure is correctly set up and your apps are being pushed to your devices from the cloud.



# Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Set up Windows 10 education devices

12/11/2017 • 1 min to read • Edit Online

< < USE INTUNE FOR EDUCATION TO MANAGE GROUPS, APPS, AND
SETTINGS

FINISH SETUP AND OTHER TASKS

> >

We recommend using the latest build of Windows 10, version 1703 on your education devices.

To set up new Windows 10 devices and enroll them to your education tenant, choose from one of these options and follow the link to watch the video or follow the step-by-step guide:

- **Option 1: Use the Set up School PCs app** You can use the app to create a setup file that you can use to quickly set up one or more Windows 10 devices.
- Option 2: Go through Windows OOBE and join the device to Azure AD You can go through a typical Windows 10 device setup or first-run experience to configure your device.

<< USE INTUNE FOR EDUCATION TO MANAGE GROUPS, APPS, AND SETTINGS FINISH SETUP AND OTHER TASKS

> >

## Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Set up Windows 10 devices using Windows OOBE

12/11/2017 • 1 min to read • Edit Online

If you are setting up a Windows 10 device invidividually, and network bandwidth is not an issue, you can go through the Windows 10 first-run setup experience, also known as OOBE (out-of-box-experience) to set up the device, and join it to your school's Office 365 and Azure Active Directory.

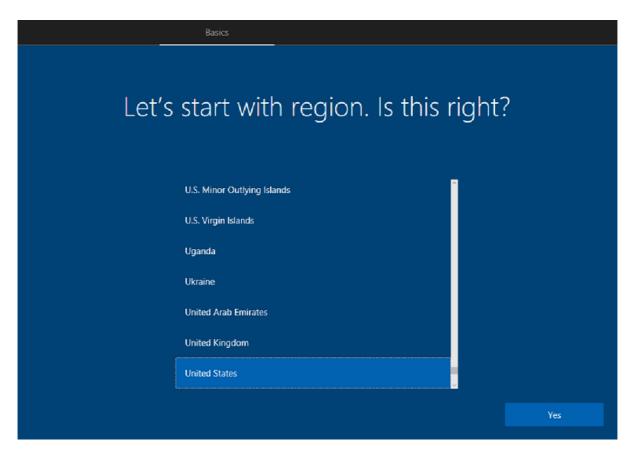
You can watch the video to see how this is done, or follow the step-by-step guide.

You can watch the descriptive audio version here: Microsoft Education: Set up a new Windows 10 education devices using the Windows setup experience (DA)

# To set up Windows 10 devices using OOBE

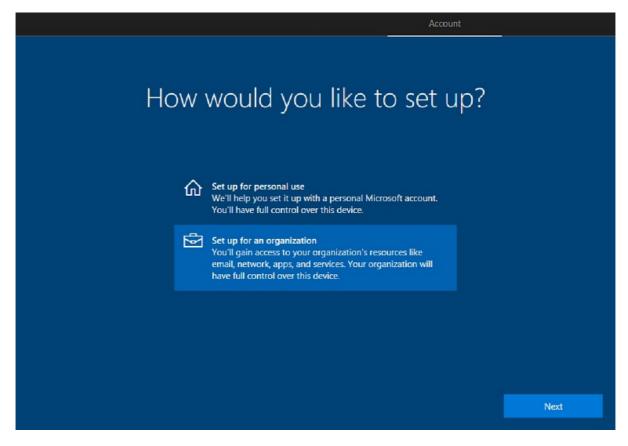
- 1. If you don't have a Wi-Fi network configured, make sure you connect the device to the Internet through a wired or Ethernet connection.
- 2. Go through the Windows device setup experience. On a new or reset device, this starts with the **Let's start** with region. Is this right? screen.

Figure 1 - Let's start with region



3. Continue with setup. In the How would you like to set up? screen, select Set up for an organization.

Figure 2 - Select setup for an organization



- 4. Sign in using the user's account and password. Depending on the user password setting, you may be prompted to update the password.
- 5. Choose privacy settings for the device. Location, speech recognition, diagnostics, and other settings are all on by default. Configure the settings based on the school's policies.
- 6. Click **Accept** to go through the rest of device setup.

# Related topic

Set up Windows 10 education devices

## Finish Windows 10 device setup and other tasks

12/11/2017 • 7 min to read • Edit Online

< < SET UP WINDOWS 10 EDUCATION

DEVICES

Once you've set up your Windows 10 education device, it's worth checking to verify the following:

- Correct device setup
- Device is Azure AD joined

You can watch the video to see how this is done, or follow the step-by-step guide.

You can watch the descriptive audio version here: Microsoft Education: Verify Windows 10 education devices are Azure AD joined and managed (DA)

### Verify correct device setup

Verify that the device is set up correctly and boots without any issues.

### Verify that the device was set up correctly

- 1. Confirm that the Start menu contains a simple configuration.
- 2. Confirm that the Store and built-in apps are installed and working. The apps pushed down from Intune for Education will appear under **Recently added**.

#### NOTE

It may take some time before some apps are pushed down to your device from Intune for Education. Check again later if you don't see some of the apps you provisioned for the user.

Figure 1 - Sample list of apps for a user



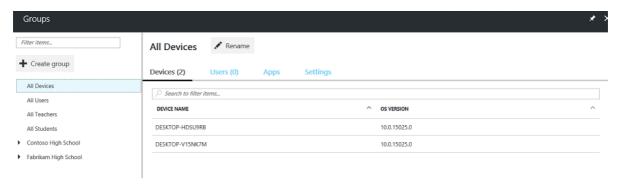
### Verify the device is Azure AD joined

Let's now verify that the device is joined to your organization's Azure AD and shows up as being managed in Microsoft Intune for Education.

#### Verify if the device is joined to Azure AD

- 1. Log in to the Intune for Education console.
- 2. Select **Groups** and select **All Devices**.
- 3. In the **All Devices** page, see the list of devices and verify that the device you're signed into appears on the

Figure 2 - List of all managed devices



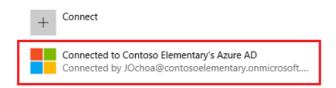
- 4. On the Windows 10 education device, click **Start** and go to **Settings**.
- 5. Select Accounts > Access work or school.
- 6. In the Access work or school page, confirm that the device is connected to the organization's Azure AD.

Figure 3 - Confirm that the Windows 10 device is joined to Azure AD

### Access work or school

#### Connect to work or school

Get access to resources like email, apps, and the network. Connecting means your work or school might control some things on this device, such as which settings you can change. For specific info about this, ask them.



**That's it! You're done!** You've completed basic cloud setup, deployment, and management using Microsoft Education.

You can follow the rest of the walkthrough to finish setup and complete other tasks, such as:

- Update group settings in Intune for Education
- Configure Azure settings
- Complete Office 365 for Education setup
- Enable Microsoft teams for your school
- Add more users
- Connect other devices, like BYOD devices, to your cloud infrastructure

You can watch the following video to see how to update group settings in Intune for Education and configure Azure settings. Or, you can follow the step-by-step guide for these tasks and the other tasks listed above.

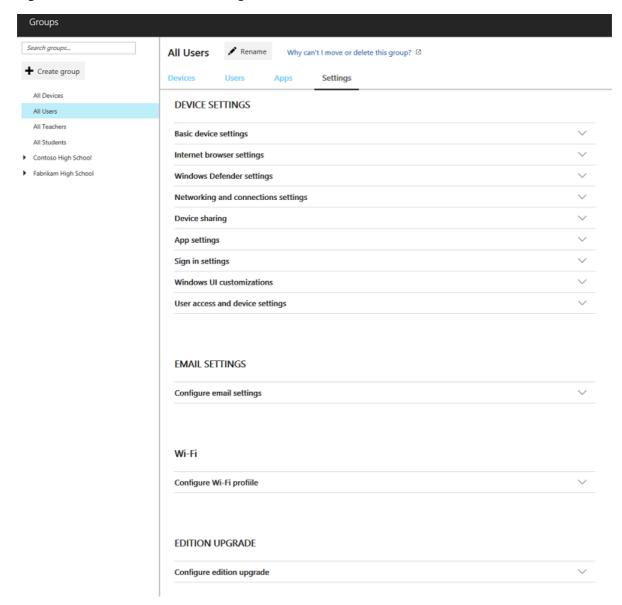
You can watch the descriptive audio version here: Microsoft Education: Update settings, apps, and Azure AD settings for your education tenant (DA)

### Update group settings in Intune for Education

If you need to make changes or updates to any of the apps or settings for the group(s), follow these steps.

- 1. Log in to the Intune for Education console.
- 2. Click **Groups** and then choose **Settings** in the taskbar at the top of the page.
- You will see the same settings groups that you saw in express setup for Intune for Education as well as
  other settings categories such as Windows Defender settings, Device sharing, Edition upgrade, and so
  on.

Figure 4 - See the list of available settings in Intune for Education



4. Keep the default settings or configure the settings according to your school's policies.

For example, you can configure the diagnostic data sent to Microsoft in **Basic device settings > Send diagnostic data**.

5. Click Save or Discard changes.

### Configure Azure settings

After completing the basic setup for your cloud infrastructure and confirming that it is up and running, it's time to prepare for additional devices to be added and enable capabilities for the user to use.

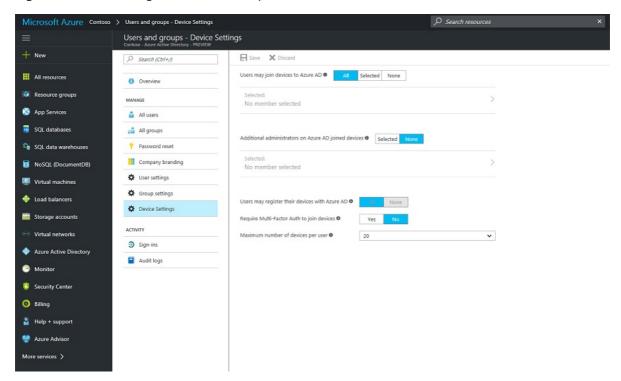
#### Enable many devices to be added by a single person

When a device is owned by the school, you may need to have a single persion adding many devices to your cloud infrastructure.

Follow the steps in this section to enable a single person to add many devices to your cloud infrastructure.

- 1. Sign in to the Office 365 admin center.
- 2. Configure the device settings for the school's Active Directory. To do this, go to the new Azure portal, https://portal.azure.com.
- 3. Select Azure Active Directory > Users and groups > Device settings.

Figure 5 - Device settings in the new Azure portal



- 4. Find the setting **Maximum number of devices per user** and change the value to **Unlimited**.
- 5. Click **Save** to update device settings.

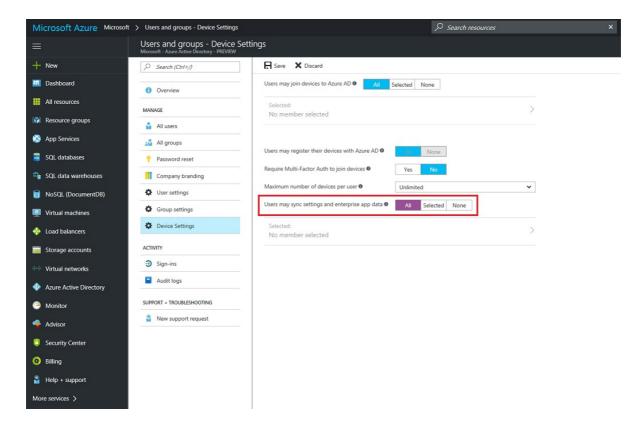
#### **Enable roaming settings for users**

When students move from using one device to another, they may need to have their settings roam with them and be made available on other devices.

Follow the steps in this section to ensure that settings for the each user follow them when they move from one device to another.

- 1. Sign in to the Office 365 admin center.
- 2. Go to the new Azure portal, https://portal.azure.com.
- 3. Select Azure Active Directory > Users and groups > Device settings.
- 4. Find the setting Users may sync settings and enterprise app data and change the value to All.

Figure 6 - Enable settings to roam with users



5. Click **Save** to update device settings.

### Complete Office 365 for Education setup

Now that your basic cloud infrastructure is up and running, it's time to complete the rest of the Office 365 for Education setup. You can find detailed information about completing Office 365 setup, services and applications, troubleshooting, and more by reading the Office 365 admin documentation.

### Enable Microsoft Teams for your school

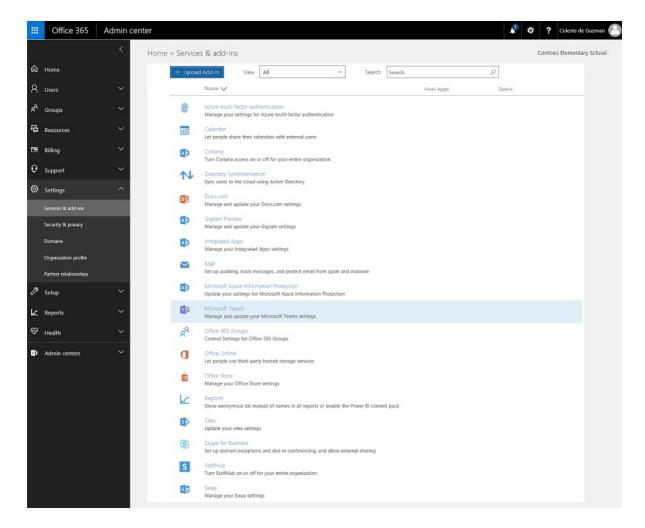
Microsoft Teams is a digital hub that brings conversations, content, and apps together in one place. Because it's built on Office 365, schools benefit from integration with their familiar Office apps and services. Your institution can use Microsoft Teams to create collaborative classrooms, connect in professional learning communities, and communicate with school staff all from a single experience in Office 365 for Education.

To get started, IT administrators need to use the Office 365 Admin Center to enable Microsoft Teams for your school.

#### To enable Microsoft Teams for your school

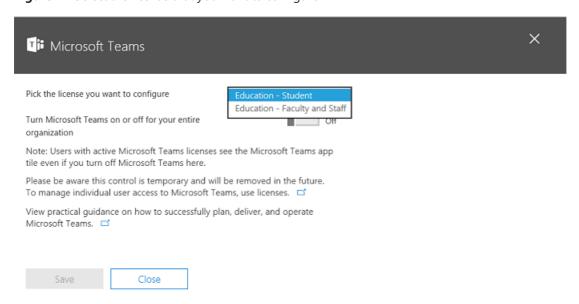
- 1. Sign in to Office 365 with your work or school account.
- 2. Click **Admin** to go to the Office 365 admin center.
- 3. Go to Settings > Services & add-ins.
- 4. On the Services & add-ins page, select Microsoft Teams.

Figure 1 - Select Microsoft Teams from the list of services & add-ins



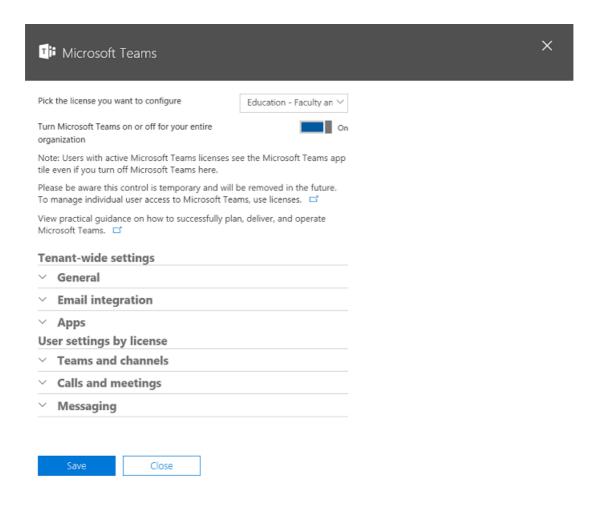
5. On the Microsoft Teams settings screen, select the license that you want to configure, **Student** or **Faculty and Staff**. Select **Faculty and Staff**.

Figure 2 - Select the license that you want to configure



6. After you select the license type, set the toggle to turn on Microsoft Teams for your organization.

Figure 3 - Turn on Microsoft Teams for your organization



#### 7. Click Save.

You can find more info about how to control which users in your school can use Microsoft Teams, turn off group creation, configure tenant-level settings, and more by reading the *Guide for IT admins* getting started guide in the Meet Microsoft Teams page.

### Add more users

After your cloud infrastructure is set up and you have a device management strategy in place, you may need to add more users and you want the same policies to apply to these users. You can add new users to your tenant simply by adding them to the Office 365 groups. Adding new users to Office 365 groups automatically adds them to the corresponding groups in Intune for Education.

See Add users to Office 365 to learn more. Once you're done adding new users, go to the Intune for Education console and verify that the same users were added to the Intune for Education groups as well.

### Connect other devices to your cloud infrastructure

Adding a new device to your cloud-based tenant is easy. For new devices, you can follow the steps in Set up Windows 10 education devices. For other devices, such as those personally-owned by teachers who need to connect to the school network to access work or school resources (BYOD), you can follow the steps in this section to get these devices connected.

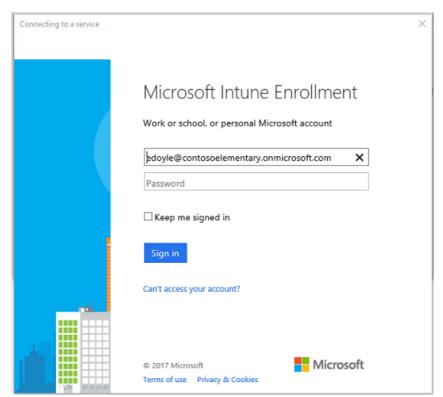
#### **NOTE**

These steps enable users to get access to the organization's resources, but it also gives the organization some control over the device.

- 1. On your Windows device, go to **Settings > Accounts**.
- 2. Select Access work or school and then click Connect in the Connect to work or school page.
- 3. In the **Set up a work or school account** window, enter the user's account info.

For example, if a teacher connects their personal device to the school network, they'll see the following screen after typing in their account information.

Figure 7 - Device is now managed by Intune for Education

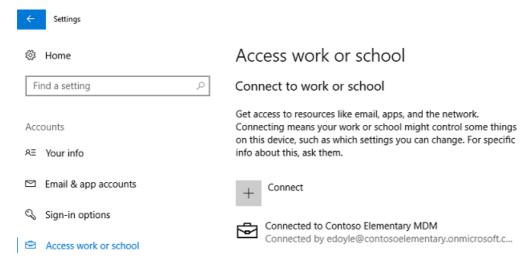


4. Enter the account password and then click **Sign in** to authenticate the user.

Depending on the organization's policy, the user may be asked to update the password.

5. After the user's credentails are validated, the window will refresh and will now include an entry that shows the device is now connected to the organization's MDM. This means the device is now enrolled in Intune for Education MDM and the account should have access to the organization's resources.

Figure 8 - Device is connected to organization's MDM



6. You can confirm that the new device and user are showing up as Intune for Education-managed by going to the Intune for Education management portal and following the steps in Verify the device is Azure AD

### joined.

It may take several minutes before the new device shows up so check again later.



## Related topic

Get started: Deploy and manage a full cloud IT solution with Microsoft Education

# Change history for Microsoft Education Get Started

12/6/2017 • 1 min to read • Edit Online

This topic lists the changes in the Microsoft Education IT admin get started.

## July 2017

NEW OR CHANGED TOPIC	DESCRIPTION
Get started: Deploy and manage a full cloud IT solution with Microsoft Education	Broke up the get started guide to highlight each phase in the Microsoft Education deployment and management process.
Set up an Office 365 Education tenant	New. Shows the video and step-by-step guide on how to set up an Office 365 for Education tenant.
Use School Data Sync to import student data	New. Shows the video and step-by-step guide on School Data Sync and sample CSV files to import student data in a trial environment.
Enable Microsoft Teams for your school	New. Shows how IT admins can enable and deploy Microsoft Teams in schools.
Configure Microsoft Store for Education	New. Shows the video and step-by-step guide on how to accept the services agreement and ensure your Microsoft Store account is associated with Intune for Education.
Use Intune for Education to manage groups, apps, and settings	New. Shows the video and step-by-step guide on how to set up Intune for Education, buy apps from the Microsoft Store for Education, and install the apps for all users in your tenant.
Set up Windows 10 education devices	New. Shows options available to you when you need to set up new Windows 10 devices and enroll them to your education tenant. Each option contains a video and step-by-step guide.
Finish Windows 10 device setup and other tasks	New. Shows the video and step-by-step guide on how to finish preparing your Windows 10 devices for use in the classroom.

### June 2017

NEW OR CHANGED TOPIC	DESCRIPTION
Get started: Deploy and manage a full cloud IT solution with Microsoft Education	Includes the following updates:  - New configuration guidance for IT administrators to deploy Microsoft Teams.  - Updated steps for School Data Sync to show the latest workflow and user experience.  - Updated steps for Option 2: Try out Microsoft Education in a trial environment. You no longer need the SDS promo code to try SDS in a trial environment.

# May 2017

NEW OR CHANGED TOPIC	DESCRIPTION
Get started: Deploy and manage a full cloud IT solution with Microsoft Education	New. Learn how to use the new Microsoft Education system to set up a cloud infrastructure for your school, acquire devices and apps, and configure and deploy policies to your Windows 10 devices.