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1 Introduction

This document aims at guiding the school IT administrators through the installation and configuration steps for Vision 365 for Windows.

1.1 Prerequisites

1.1.1 Internet connectivity

To use Vision 365, teacher and student devices must have internet connectivity at all times.

1.1.2 Office 365 Education accounts for Teachers and Students

To use Vision 365, all teachers and students need to have individual Office 365 Education accounts. As part of the setup, the Office 365 Administrator will need to approve the application so that it can be used.

1.1.3 Devices running Windows 10

Windows 10 - Fall Creators Update (Version 1709) or later is required on the teacher and student devices.

1.1.4 Access to Microsoft Teams or Microsoft School Data Sync

Microsoft Teams and Microsoft School Data Sync provide ways to create or import classes which can be used by Vision 365.
2 Setup and configuration

2.1 Allow the applications to read Office 365 Education information

In order for Vision 365 applications (Teacher and Student) to work, they need permissions to be able to read data from Office 365 Education (E.g. The classes the Teacher is a part of). In order to grant access, an Office 365 administrator needs to accept them.

Users who are not administrators will see this message when they start the Vision 365 Teacher application:

![Need admin approval](image)

To grant the required permissions (one time for each app):

- For the Vision 365 Teacher app, go [here](#) and click **Accept**

2.2 Create the class

Vision 365 for Windows uses classes which are part of the Office 365 Education account. In order to create the classes you can use:

- Microsoft Teams - manually create new classes (or use existing ones)
- Microsoft School Data Sync - import the classes from your SIS (student information system)
If you have already created classes using either Teams or Microsoft School Data Sync, then no further action is needed. Vision 365 will automatically detect the classes associated with the teacher’s Microsoft account, and those classes will be loaded into Vision 365.

2.2.1 Create a class using Microsoft Teams

1. Go to http://teams.microsoft.com and log in using your Office 365 admin account (teacher account can be used as well)

2. Go to Teams and then Join or create a team
3. Click **Create team**

4. Click **Classes**

5. Fill in a **Name** for the class and click **Next**. This will be the name displayed in the list of classes in the teacher application.
Note: You can also use one of the existing classes as template for the creation of a new class (click on Create a team using existing team as template)

6. Search the students and teacher for the class and click **Add** (a student is identified as a **member** and a teacher as **owner**; if no teacher is added, the user used to authenticate in Microsoft Teams will be set as the **owner**).
7. When you are finished adding students and teachers, click **Close**

8. The class has been created.

2.2.2 Create the class by importing them from your SIS using Microsoft School Data Sync

Microsoft School Data Sync reads rosters from your SIS and creates classes into Office 365 Education. Information on how to use it to import your data is available [here](#).

2.3 Install the Vision 365 Teacher application

Watch the video [here](#).

2.3.1 Manual install

1. Go to the Vision 365 Teacher application in the Microsoft Store
2. Click **Get**

3. Click **Open Microsoft Store**
4. Click Get

5. Click Launch
6. You can also **Pin to start** and **Pin to taskbar** from Microsoft Store.

![Vision 365 Teacher](image)

**2.3.2 Mass deployment**
1. Distribute apps from your Microsoft Store for Education – check [here](#).
2. Distribute apps using Microsoft Intune – check [here](#).
3. Distribute apps using SCCM – check [here](#).

**2.4 Install the Vision 365 Student application**

Watch the video [here](#).

**2.4.1 Manual install**
1. On the student device(s), go to the Vision 365 Student application in the Microsoft Store

![Get it from Microsoft](image)

2. Repeat steps 2-6 from Install the Vision 365 Teacher application

**2.4.2 Mass deployment**

Same as with the Teacher application mass deployment.

**2.5 Install the Vision 365 Student control component**

This is required for the control functions to work (filter web, mouse and keyboard control). If not installed, the student will show up in the teacher application, but the above control functions will not work.
Before proceeding with the installation of the control component, make sure you have installed the Vision Student 365 app *(step 2.4).*

## 3 Manual install

The control component can be installed in 2 ways:

- Using a PowerShell script
- Using an MSI file

### 3.1.1 Install using a PowerShell script

1. On the student device(s), download the archive from [here](#) and extract the zip file. There are 2 files (PowerShell scripts):
   - `InstallStudentServices.ps1` (used for installing the control component)
   - `UninstallStudentServices.ps1` (used for uninstalling the control component)
2. Open Windows PowerShell as an administrator (right click on Windows PowerShell to see the Run as administrator option)
3. Navigate to the location of the Powershell script
4. Run `InstallStudentServices.ps1`
5. In case you are running into the following error

```
You will have to change the Execution Policy to run the installation.
Do this by running Set-ExecutionPolicy -ExecutionPolicy RemoteSigned
Then type in Y to accept the change for this script only
```
6. In case you are given a Security Warning as seen below, type `R`

```
PS C:\Users> ..\InstallStudentServices.ps1
```

Security Warning
Run only scripts that you trust. While scripts from the internet can be useful, this script can potentially harm your computer. If you trust this script, use the Unblock-File cmdlet to allow the script to run without this warning message. (Do you want to run C:\Users\InstallStudentServices.ps1?)

[0] Do not run [8] Run once [5] Suspend [?] Help (default is "D"): 8

7. Once installed, a message will be displayed like the one below

```
Running C:\Users\Install\StudentServices.ps1
Installing Vision\Student\Services.msi
Installing Vision\Student\Services.msi done
```

3.1.2 Install using an MSI file

1. On the student device(s), download the MSI file from [here](#).
2. Run the MSI file.
3. If prompted with the following screen, click **More info**

```
Windows protected your PC
```

4. Click **Run anyway**
5. Click **Next**

6. Click **Next**
7. Choose **Start Vision before login** and click **Next**

8. Click **Install** (admin permissions are required on the device).
9. Click Finish

Note: To uninstall the component, go to Add or remove programs and look for VisionStudentServices.

3.1.3 Mass deployment
4 Troubleshooting

4.1 Requirements for the Teacher and Student applications

- Windows 10 - Fall Creators Update (Version 1709) or later
- Make sure Vision Pro is not installed on the devices (teacher and student).
- Ports that need to be open:
  - Student: UDP - 59999
  - Teacher:
    - UDP - 60001
    - TCP - 60000, 60002, 60003
- URL requirements: The following URLs need to be accessible for Vision 365 for Windows to function correctly:
  - https://visioncos.netop.com
  - https://vision-icon.netop.com
  - https://graph.microsoft.com
  - https://login.microsoftonline.com
  - https://login.microsoft.com

4.2 Logs

Make a zip file with the files located in the locations below:

4.2.1 Student logs

%LOCALAPPDATA%\Packages\NetopSolutions.NetopVisionStudent_m7p600ccwap2t\LocalCache\BackgroundLog\ (e.g. c:\Users\<user>\AppData\Local\Packages\NetopSolutions.NetopVisionStudent_m7p600ccwap2t\LocalCache\BackgroundLog\)

%LOCALAPPDATA%\Packages\NetopSolutions.NetopSolutions.NetopVisionStudent_m7p600ccwap2t\LocalCache\MainLog\ (e.g. c:\Users\<user>\AppData\Local\Packages\NetopSolutions.NetopSolutions.NetopVisionStudent_m7p600ccwap2t\LocalCache\MainLog\)

4.2.2 Teacher logs

%LOCALAPPDATA%\Packages\NetopSolutions.VisionTeacher_m7p600ccwap2t\LocalCache\BackgroundLog\ (e.g. c:\Users\<user>\AppData\Local\Packages\NetopSolutions.VisionTeacher_m7p600ccwap2t\LocalCache\BackgroundLog\)

%LOCALAPPDATA%\Packages\NetopSolutions.VisionTeacher_m7p600ccwap2t\LocalCache\MainLog\ (e.g. c:\Users\<user>\AppData\Local\Packages\NetopSolutions.VisionTeacher_m7p600ccwap2t\LocalCache\MainLog\)

4.3 How to login with a different user if I chose to store my credentials with Windows

1. Log out from the teacher or student application.
2. Go to **Settings > Accounts > Email & app accounts** and click Manage for the account you want to disconnect from.

3. Click **Sign out everywhere**

4. Go back to the application and login again. You will now have the option of adding a different account.
4.4 Prevent students from turning off web filter extension for Edge

By default, Microsoft Edge allows users to uninstall extensions. To prevent students from uninstalling the Edge extension for Vision 365, please see here
5 Mobile Device Management tools

5.1 Configure Enterprise Settings

The application’s enterprise settings may now be configured using Mobile Device Management tools.

1.1.2 Sign Out

The "Sign out" menu item in the Student application is hidden by default. Admins may change this behavior through a domain policy.

- Vision 365 Student settings:
  
  Settings name: AllowSignOut  
  Settings type: Boolean  
  If this setting is present and its value is “True”, then “Sign out” menu item from Student application will be displayed.

1.1.3 Google Analytics

Student and Teacher apps are enrolled by default to provide anonymous usage reports to Google Analytics. Admins may opt out from Google Analytics through a domain policy.

- Vision 365 Student settings:
  
  Settings name: AnalyticsOptOut  
  Settings type: Boolean  
  If this setting is present and its value is “True”, then Student application will stop anonymous Google Analytics reporting.

- Vision 365 Teacher settings:
  
  Settings name: AnalyticsOptOut  
  Settings type: Boolean  
  If this setting is present and its value is “True”, then Teacher application will stop anonymous Google Analytics reporting.