VMware AirWatch School Manager Guide

Automatically enroll devices and manage classes in an Apple EDU environment.

AirWatch v8.4 and higher

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Overview

Introduction to AirWatch School Manager

VMware AirWatch is committed to providing teachers and students with the tools they need to maximize learning. AirWatch Education works in conjunction with Apple EDU to offer state of the art device management and collaboration to enhance the classroom technology experience and benefit students.

As part of AirWatch Education, AirWatch provides a configuration called AirWatch School Manager. AirWatch School Manager empowers teachers to create interactive mobile learning experiences for students. Teachers can focus on the students, and the students can focus on learning.

AirWatch School Manager enables you to:

- Install an MDM profile on an iPad that is not removable.

- Provision devices over-the-air with extra security and configuration settings.

- Create accounts for teachers, students, and staff through bulk import , manual creation, or Active Directory integration.

Students can access an assigned suite of apps for each class they take, and have instant access to their assignments and textbooks on a dedicated mobile device. Teachers can encourage and monitor student engagement, and administrators can track device usage for security.

Software and Hardware Prerequisites for AirWatch School Manager Deployments

Before enrolling in AirWatch School Manager, meet the following software and hardware requirements.

Software

- Safari 6.0.3 or later on macOS

- Google Chrome 27.0.1 or later

- AirWatch Console v8.4.4

Minimum Device Requirements for One-to-One Devices

- iPad 3rd generation or later running iOS 9.3+

- iPad mini or later running iOS 9.3+

- 9.7-inch iPad Pro running iOS 9.3

- 12.9-inch iPad Pro running iOS 9.3+

- Must be Bluetooth enabled

- Supervision is required for student devices

- Configuration profile containing class information must be pushed to the teacher's iPad or student's iPad

Integration Requirements for AirWatch School Manager Deployments

Have the following in place before you configure AirWatch School Manager functionality.

Applications

- **Apple's Classroom App** - Classroom is a standalone application that you order through the Volume Purchase Program order and push to devices as a managed application. The Classroom application is not covered in this document. For information about using Classroom, see Apple's Classroom Help.

Console Configuration

- **Apple Push Notification service (APNs)** - Configure APNs certificates in the AirWatch Console to push notifications to managed devices.

- **Enrolling Users** - Add all one-to-one enrollment users to the AirWatch Console.

AirWatch School Manager User Deployments

Deploy education functionality to individual devices which are only used by one person. This person may be a teacher or a student.

AirWatch School Manager settings are configured when classes are created and members are mapped to classes in the AirWatch Console and pushed to devices.

To configure devices:

- iPads must have one unique enrollment user associated with each device.

- iPads must meet all hardware requirements.

- iPads must be supervised using the Device Enrollment Program or Apple Configurator 2.

Chapter 2:
Class Configuration and Management

Enable AirWatch School Manager Functionality

AirWatch School Manager must be enabled so that it can manage the devices you assign to it.

To enable AirWatch School Manager:

1. Navigate to Groups & Settings > All Settings > Devices & Users > Apple > Education.

2. Complete the School Manager settings.

| Setting	Description
Enable Education Features	Select **Enabled** to activate Education features.
Class Source	Select **Apple** to manage your devices with Apple School Manager. Select **AirWatch** to manage your devices with AirWatch School Manager.
Set Maximum Resident Users	Choose the maximum number of users that can be cached on each shared device. If this number is exceeded, the device will remove the profile that is least frequently used.

3. Set the Child Permission for Organization Groups that are added below the current group.

4. Select Save to enable AirWatch School Manager.

AirWatch School Manager Classroom Overview

Before configuring classes in the AirWatch Console, understand how devices are assigned and distributed in classrooms.

Distribute one-to-one devices to students and teachers for use in their classes.

Optionally, use the standard AirWatch Mobile Application Management configuration to deploy apps to your devices.
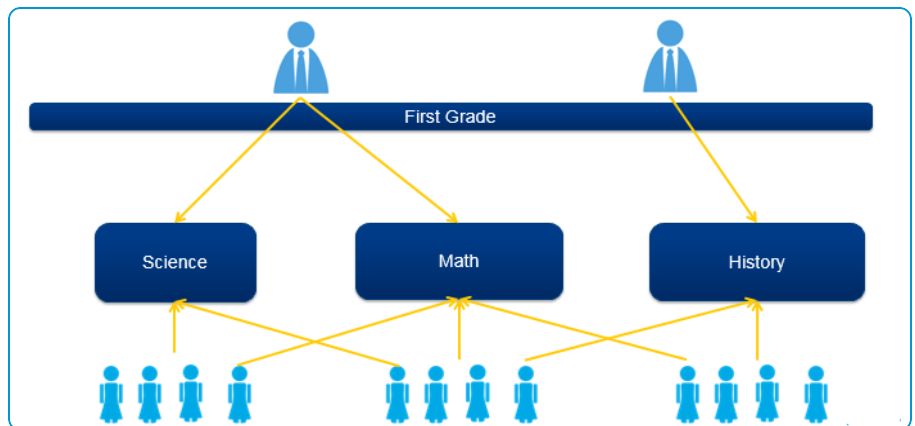
AirWatch School Manager Admin Console Overview

To begin configuring your AirWatch School Manager deployment, log in to the AirWatch Admin Console, where you can set up your deployment, manage devices, and monitor your devices.

To view the AirWatch School Manager in the AirWatch Admin Console, select your organization group and navigate to **Hub > Education > Overview**.

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Under the **Getting Started** heading, complete the steps provided in the walkthrough:

- Configure APNs
- Configure VPP
- Configure Device Enrollment Program

Create a Restrictions Profile for Education Devices

Devices configured with Apple School Manager or AirWatch School Manager can support additional restrictions related to the use of iOS devices in a classroom setting. These restrictions only appear on the Restrictions Profile Configuration page if you have Education enabled at the Organization Group you want to configure.

To create a restrictions profile:

1. Navigate to **Devices > Profiles & Resources > Profiles > Add**. Select **Apple iOS**.

2. Configure the profile's **General** settings.

    These settings determine how the profile is deployed and who receives it. For more information on General settings, refer to the **VMware AirWatch Mobile Device Management Guide**, available on [AirWatch Resources](#).

3. Select the **Restrictions** payload from the list. You can select multiple restrictions as part of a single restrictions payload.

4. Configure Classroom 2.0 **Education Restrictions** settings.

Restriction	Description	Version
Allow unprompted screen observation in unmanaged classes	Enable this setting to allow instructors to view student devices remotely in an unmanaged classroom.	iOS 10.3+ Supervised
Allow unprompted app and device lock in unmanaged classes	Enable this setting to allow instructors to restrict access to apps and devices in an unmanaged classroom.	iOS 11+ Supervised
Allow automatic joining of unmanaged classes	Enable this setting to allow student devices to join an unmanaged class group automatically.	iOS 11+ Supervised

5.

6. Select **Save & Publish**.

Configure One-to-One Deployments for AirWatch School Manager Devices

Assign one-to-one devices to your users in the classroom, so that each user has a dedicated device to use.

To configure one-to-one deployments:

1. In the AirWatch Console, navigate to **Hub > Education > Class List**.

2. Select **Add Class** to create new classes.

3. Select **Enrollment Users** to view teachers and students to add to classes.

4. Select the pencil icon to edit classes.

5. **Save** changes to class lists.
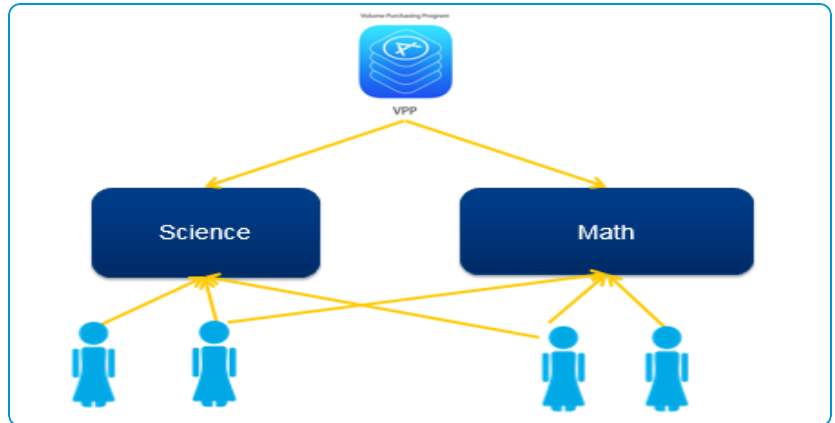
AirWatch School Manager Application Use Overview

Applications are purchased through Apple's Volume Purchase Program and assigned to devices.

Apps on One-to-One Devices

Push apps to each device.

Configure:

- Apps through the **Apps & Books** tab in the AirWatch Console.

Disable Education Functionality on AirWatch School Manager Devices

You can disable a device remotely even if the device has been lost or stolen.

When you disable education functionality in the AirWatch Console, education functionality options disappear in the **Hub**. All information in the **Class List**, and mapping to classes, is deleted. Smart groups of enrollment users are deleted unless the group is mapped to applications, profiles, or compliance policies.

To disable education functionality, navigate to **Groups & Settings > All Settings > Devices & Users > Apple > Education > Disable**.

Accessing Other Documents

While reading this documentation you may encounter references to documents that are not included here.

The quickest and easiest way to find a particular document is to navigate to https://my.air-watch.com/help/9.2/en/Content/Release_Notes/Doc_List_PDFs.htm and search for the document you need. Each release-specific document has a link to its PDF copy on AirWatch Resources.

Alternatively, you can navigate to AirWatch Resources on myAirWatch (resources.air-watch.com) and search. When searching for documentation on Resources, be sure to select your AirWatch version. You can use the filters to sort by PDF file type and AirWatch v8.4 and higher.