VMware Workspace ONE UEM Books Deployment

VMware Workspace ONE UEM 1810

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Introduction to Books Deployment With AirWatch

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Workspace ONE UEM can distribute public, internal, and purchased (VPP) books to large numbers of iOS devices.

Device users can install books from their book catalog and display them either in the iBook application or Safari. The tool used to view the book depends on the type of book and whether it is managed. The system can display books acquired from the app store, internal organizational resources, or from Apple's Volume Purchase Program (VPP).

This chapter includes the following topics:

- Requirements to Deploy Books with Workspace ONE UEM

Requirements to Deploy Books with Workspace ONE UEM

To deploy books to devices, the environment must meet a few requirements for platform, operating system, and access.

The table gives the requirements to deploy Books with Workspace ONE UEM.

Table 1-1. Requirements to Deploy Books

Requirement	Description
Platforms	Workspace ONE UEM supports Apple iOS for book functionality.
Operating System	Devices can receive books from Workspace ONE UEM when they run a minimum iOS 5+.
Push Mode for All Books	Workspace ONE UEM pushes books to devices using the **On Demand Push Mode**. This feature allows device users to install books from the book catalog at their convenience.
Required App to Access Managed Internal Books	Devices that need access to managed internal books must have the iBooks application on them. Internal books for iOS 8+ that are managed open in the iBooks application and do not open in Safari.
Removal of Books Not Automatic	When a device unenrolls from the Workspace ONE UEM solution, Workspace ONE UEM does not remove Books from devices because books most books are not managed. Workspace ONE UEM can only remove internal books marked as Is Managed for iOS 8+.

Deploy Internal Books with Workspace ONE UEM

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Deploy and manage books that are unique to your organization, like instruction manuals or policy guides, with the internal books section of the Workspace ONE UEM console and the book catalog. If you do not use the VMware Content Locker, the book catalog offers an alternative method for deployment.

1   Navigate to **Apps & Books > Books** > **List View**, and then select the **Internal** tab.

2   Select **Add Books**.

3   Select **Upload** and browse for the applicable file and choose **Continue**.

From the Add Book page, configure description and assignment options for the internal book. Much of the book information automatically populates.

4   Complete the following **Info** options:

Table 2-1. Settings Descriptions for Info

Setting	Description
Name	Enter the name for the book.
Identifier	Enter a unique identification value for the book.
Released On	Reflects the release date of the book.
Is Managed This option applies only to books on devices running iOS 8+.	Identifies the internal book as managed and marks it to receive management actions. This book opens in only the iBooks application and not in other applications. If you do not select to manage the internal book, device user access the book in Safari.
Managed By	View the organization group that controls the file.
Categories	Provide a category type to help identify how the book can help users.
Change Log	Add comments to the text box to keep notes on changes between versions.

5   Complete the following **Description** options:

Table 2-2. Settings Descriptions for Description

Setting	Description
Description	Enter a description of the book that helps you organize the book for your mobile deployment.
Support URL	Enter a URL for the support group that manages suggestions, comments, or issues concerning the book.
Support Email	Enter an email to receive suggestions, comments, or issues concerning the book.
Support Number	Enter a number to receive suggestions, comments, or issues concerning the book.
Copyright	Enter the publication date of the book.

Complete the following options in the **Developer Information** area:

Table 2-3. Settings Descriptions for Developer Information

Setting	Description
Developer	Enter the name of the developer.
Developer Email	Enter the email of the developer so that you have a contact to send suggestions and comments.
Developer Phone Number	Enter a number so that you can contact the developer.

Complete the following options in the **Application Cost Information** area:

Table 2-4. Settings Descriptions for Application Cost Information

Setting	Description
Cost Center	Enter the business unit charged for the development of the book.
Cost	Enter cost information for the book to help report metrics concerning your internal book development systems to the organization.
Currency	Select the type of currency that paid for the development, or the currency that buys the book, or whatever is useful for your record keeping.

6   Complete the following **Assignment** options for **Assigned Smart Groups** by selecting a smart group.

7   Select **Save & Publish** to push internal books to devices immediately through the book catalog.

Deploy Public Books with Workspace ONE UEM

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Deploy publicly available books to large numbers of mobile devices with the public books section of the Workspace ONE UEM console and the book catalog. Add public books you did not acquire in bulk through Apple's Volume Purchase Program (VPP) on the public books tab.

1   Navigate to **Apps & Books > Books > List View > Public**.

2   Select **Add Book** and complete the settings.

Table 3-1. Settings to Add a Book

Setting	Description
Managed By	View and edit the organization group that controls the book file.
Platform	Select Apple iOS from the menu.
Source	Select one of the following options. ■ Search App Store – Search the iTunes Store for the book. ■ Enter URL – Enter the URL of the book without getting data for the book from the iTunes Store.
Name	Enter the name of the book to search for in the iTunes Store.
Enter URL	Enter the address that navigates to the book.

3   Click **Next** and **Select** the desired book from app store result page.

4   View and complete the options on the **Info** tab.

Table 3-2. Setting Descriptions for the Info Tab

Setting	Description
Name	Displays the name of the book. You can edit this value.
URL	Reflects the URL for the store uses to distribute the book.
Managed By	View the organization group from which the file uploads when the information automatically populates.
Comments	Enter text to appear in the **Additional Comments** tab in the book catalog.
Reimbursable	Designate whether your organization reimburses end-users for a purchased book. A small icon in the book catalog indicates if the organization reimburses users.
Rating	Select a rating from 1 to 5 with 5 being the best rating.
Categories	Identify the areas the book can help device-users.
Supported Models	Select all the models that you want to run this application.

5   Assign the book to smart groups on the **Assignment** tab and complete the options.

Table 3-3. Setting Descriptions for the Assignment Tab

Setting	Description
Assigned Smart Groups	Select an existing smart group or create one and assign the book to it.
View Device Assignment	Select this option to see devices assigned to the book.

6   View the deployment of the book as **On Demand** on the **Deployment** tab.

7   Select a **Terms of Use** for the book, if desired. Use the **Manage Terms** option to create an agreement if you have not already.

8   Select **Save & Publish** to make the book available to end-users.

Deploy Books Acquired from Apple's VPP

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The Apple VPP enables organizations to purchase iBooks in bulk for distribution. Whether you buy iBooks using the redemption code method or the managed distribution method, Workspace ONE UEM can distribute these assets.

Workspace ONE UEM can deploy books acquired with redemption codes to devices that run at least iOS 5+, and it can deploy books acquired by managed distribution to devices that run iOS 7+.

Table 4-1. Supported Book Types by OS Version

Operating System	Free Public Books	Purchased Public Books
Apple iOS 5–6	Redemption Codes	Redemption Codes
Apple iOS 7+	Managed Distribution & Redemption Codes	Managed Distribution & Redemption Codes

This chapter includes the following topics:

- Deploy Volume Purchase Program
- Redemption Code Method
- Managed Distribution by Apple IDs

Deploy Volume Purchase Program

To purchase and deploy content with Apple's Volume Purchase Program (VPP), enroll and acquire content on the VPP site and then use Workspace ONE UEM to distribute content.

1 VPP Enrollment – Enroll in the program and verify with Apple that you are a valid organization.

2 Content Purchase – Purchase content in the bulk through the VPP website.

3 Application Deployment – Distribute the assets throughout your device fleet using redemption codes or managed distribution service token files (sTokens).

Redemption Code Method

This method uses redemption codes to allocate the content to devices, and it does not support revoking the codes from Apple iOS devices. Once the redemption code is redeemed, it cannot be recycled. Also, Workspace ONE UEM cannot delete content bought using redemption codes off devices.

Devices older than Apple iOS 7 must use this method for purchasing VPP content because the managed distribution is not available for older systems.

You cannot use redemption codes for macOS systems.

Redemption Codes and Workspace ONE UEM

Apple's Managed Distribution system integrates with Workspace ONE UEM, and you can distribute your free and purchased Volume Purchase Program (VPP) applications and books. The redemption code model uses codes from a spreadsheet to retrieve your VPP contents and to distribute them to devices using the Workspace ONE UEM console.

For the successful distribution of the VPP content to end users, perform all steps of the deployment process. In return, end users must complete all steps on their devices to receive the VPP content.

Table 4-2. Required Tasks Triggered by Actions

Role Actions	Tasks
Admins send VPP content to end users.	1 Purchase you applications and download your redemption code spreadsheet from the Apple iTunes Store. 2 Upload the spreadsheet to Workspace ONE UEM. 3 Allocate redemption codes to organization groups and smart groups in the Workspace ONE UEM console and save the settings.
End-Users receive content.	1 Obtain a redemption code from Workspace ONE UEM. This step occurs automatically when admins publish the content. 2 Install the content from the catalog.

Upload a Redemption Code Spreadsheet

You can use Workspace ONE UEM to manage and distribute applications and books purchased through the VPP to your Apple iOS devices. Apple uses Web services to manage redemption codes. For the Workspace ONE UEM console to access Apple's Web services, you must first upload the redemption code spreadsheet.

1   Navigate to either **Apps & Books > Applications > Orders** or **Apps & Books > Books > Orders**.

2   Select **Add** or **Order** to add a redemption code spreadsheet.

    Select **Purchased Public App** or **Purchased Custom App** (Custom B2B), for applications. This option is not available for books.

3   Select **Choose File** to upload the **CSV** or **XLS** file that you downloaded from the Apple portal. This action creates the order.

4   Select **Save** to continue to the **Product Selection Form**.

5   Locate the appropriate product and choose **Select** to finish uploading the spreadsheet. If your spreadsheet contains an Adam ID, Workspace ONE UEM does not display this step.

- If your spreadsheet contains an Adam ID, you do not have to locate the product. Workspace ONE UEM automatically adds applications and books from the app store when the spreadsheet contains the Adam ID. Adam IDs are specific to iTunes, are components of the Apple Search API, and are unique for each application.

- If the Apple VPP redemption code spreadsheet contains codes for multiple applications or books, Workspace ONE UEM lists several products on this form. You can select only one per order.

Using iTunes Adam IDs

iTunes uses Adam IDs, which are item identifiers, to automate connections to content. If your spreadsheet contains an Adam ID, then you do not have to locate applications and books in the app store. For custom B2B applications, the Adam ID enables Workspace ONE UEM to update application IDs in the UEM console.

Assign Content to Users

You must enable the Workspace ONE UEM console to assign redemption codes to users and devices. Select the applicable organization groups and smart groups to which to assign redemption codes.

1   Navigate to **Apps & Books > Books > List View > Purchased**.

2   Select the book you want to assign.

3   On the **Orders Assignment** tab, complete the following options.

Table 4-3. Order Assignment Tab Descriptions

Setting	Description

Add Assignment By	Hover over the setting to assign redemption codes to organization groups or smart groups.
	
	■ **Organization Group** – Allocate redemption codes to an organization group and either select **All Users** to include all users in that organization group or choose **Selected Users** to display a list of users in the organization group. Use the **Add** and **Remove** buttons to choose the specific users to receive the application.
	
	■ **Smart Group** – Allocate redemption codes to a smart group by typing the name of the group. Options display and you can select the appropriate smart group from the list. You can create a new smart group, if necessary.
	
	  ■ You can apply redemption codes to organization groups and to smart groups simultaneously. However, you can only specify the users for organization groups of the **Customer** type.
	
	  ■ You cannot specify users for smart groups. However, you can edit the smart group so that it contains the necessary users.
	
	■ Verify the information in the following columns for each assignment rule:
	
	  ■ **Users** – View the number of users for the order.
	
	  ■ **Allocated** – Enter the number of licenses to allocate to the selected users. Do not exceed the total number in the order.
	
	  ■ **Redeemed** – View the number of licenses that have already been redeemed, if any.

Redemption Codes On Hold	Enter the number of redemption codes that you want to place on hold. Use this option to save the redemption codes for later use.

Table 4-3. Order Assignment Tab Descriptions (continued)

Setting	Description
SDK Profile	If you use AirWatch SDK functionality, assign an SDK profile to the book.
Assignment Type	Books always push to devices **On Demand**.

4   Select **Save** when you finish allocating codes.

Redemption Code Information

Access information about your redemption codes so that you can manage and track your VPP deployments.

To access orders of applications you acquired using redemption codes, navigate to **Apps & Books > Orders > Redemption Codes**.

■   View the availability status of the code.

Table 4-4. Redemption Code Status Descriptions

Status	Description
Available	Identifies an available key code to use to distribute the purchased content. You can make this key code unavailable or delete it.
Externally Redeemed	Identifies a key code that was assigned and redeemed outside of the Workspace ONE UEM Purchased (VPP) system. You cannot perform actions for this key code.
Redeemed	Identifies a key code that was assigned and redeemed within the Workspace ONE UEM Purchased (VPP) system. You can make this key code unavailable or delete it.
Unavailable	Identifies a key code that was explicitly made unavailable for various reasons. Reasons include separating codes that you want to save for users who might not be in your Workspace ONE UEM deployment.

■   View each redemption code and the order number.

■   View the date the redemption code was redeemed.

■   View to whom the code is assigned.

■   Delete a redemption code.

Managed Distribution by Apple IDs

This method uses service token files, also called sTokens, to authenticate assignments. It allows you to assign license codes to Apple IDs to allocate content to devices, and the method supports the revocation and recycling of these license codes.

Revoke Managed Distribution Licenses

Workspace ONE UEM cannot revoke licenses for books.

Managed Distribution and Workspace ONE UEM

Apple's Managed Distribution system integrates with Workspace ONE UEM, and you can distribute your free and purchased Volume Purchase Program (VPP) applications and books. The managed distribution model uses service tokens (also called sTokens) to retrieve your VPP contents and to distribute them to devices using the Workspace ONE UEM console.

For successful distribution of VPP content to end users, perform all steps of the deployment process. In return, end users must complete all steps on their devices to receive VPP content.

Table 4-5. Required Tasks Triggered by Actions

Role Actions	Tasks
Admins send VPP content to end users.	1 Purchase content and download your sToken from the Apple iTunes Store. 2 Upload the sToken to Workspace ONE UEM. **Note** You can use multiple sTokens within your Workspace ONE UEM hierarchy but you can only have one sToken in each organization group. 3 Sync licenses to display the content in the UEM console. 4 Add the bundle IDs for custom B2B applications. This action activates management. This step is unnecessary for non-B2B applications and books. 5 Allocate licenses and assign licenses to smart groups, and enable eligible applications for device-based assignment, if applicable. Then publish managed distribution content with the flexible deployment feature. Publishing content triggers invitations to end users whose content is tied to their Apple IDs.
End-Users accept invitations and receive content.	1 Accept the invitation and register with the Apple VPP. This step ensures that they have the terms of agreement for participating in the program. This step is not necessary for device-based use. 2 Obtain the license from Workspace ONE UEM. This step occurs automatically when admins publish content. 3 Install content from the AirWatch Catalog.

Users With Multiple Devices

Users that have multiple Apple iOS devices must select and apply a single Apple ID to all the devices. If admins make content available on demand, then users can accept the invitation and join and register with the VPP. They install the content from the catalog to any of their devices.

Manage VPP sTokens to Retrieve Managed Distribution Licenses and Content

Apple uses Web services to manage license codes. The Workspace ONE UEM console accesses Apple's Web services with the service token, or sToken, you upload to the console. Workspace ONE UEM retrieves your VPP content with the license data on the sToken. Keep sTokens current, and if you are not using the licenses, clear the sTokens.

Upload sTokens

You can upload an sToken at the top Customer level and below. The Workspace ONE UEM system prompts you to register your sToken, so that Workspace ONE UEM can detect if the sToken is used in other environments.

1   Navigate to **Groups & Settings > All Settings > Devices & Users > Apple > VPP Managed Distribution**.

2   Configure the following settings.

Table 4-6. Setting Descriptions for Uploading sTokens

Setting	Description
Description	Enter your VPP Account ID. Using your VPP Account ID as the description has several advantages. ■ If you use multiple sTokens, it identifies the correct account. ■ Reminds you the correct account when you renew the sToken. ■ Identifies the correct account to others in your organization who assume management of the VPP account.
sToken Upload	Select **Upload** to navigate to the sToken on your network. VPP accounts in Apple School Manager and Apple Business Manager can now be associated to locations to allow moving licenses from one VPP account to another. If an sToken that is associated to a location is uploaded, the location name is displayed in the UEM console.
Country	Select where Workspace ONE UEM validates the sToken. This value reflects the region from where you bought content and ensures Workspace ONE UEM uploads the correct versions of your purchases. When you sync your licenses, Workspace ONE UEM pulls the correct regional version of the content. If Workspace ONE UEM cannot find the content in the app store from the region entered, Workspace ONE UEM automatically searches the iTunes App Store in the United States.
Automatically Send Invites	Send invitations to all the users immediately after you save the token. The invitation request users to join and register with Apple's VPP. Registration gives users access to the terms of use to participate in the program. Use the **Message Preview** option to review the invitation. Workspace ONE UEM automatically sends users of Apple iOS v7.0.3+ an invite command when you enable this option. It does not send them an email message. You do not have to enable this option immediately. You can leave it disabled and still upload your token. Return and enable this feature to send invitations to all the enrolled devices whose users have not yet accepted to join the VPP.
Message Template	Select an email template for an email message invitation for Apple iOS devices on Apple iOS v7.0.0 through v7.0.2.

3   **Save** the sToken and confirm the addition of the token.

Renew sTokens Before Expiration

Managed distribution sTokens are valid for 12 months. Renew your sTokens before they expire to avoid any disruption in your deployment. If your token expires, you cannot perform management tasks.

- Sync new managed distribution licenses.

- Send invitations to join the VPP.

- Assign and pushing managed distribution applications to newly enrolled devices.

- Revoke managed distribution licenses (the system cannot revoke licenses for books).

If a token expires, Workspace ONE UEM does not revoke managed distribution licenses previously assigned to devices already enrolled with Workspace ONE UEM.

1   Navigate to the correct organization group where the sToken resides.

2   Navigate to **Groups & Settings > All Settings > Devices & Users > Apple > VPP Managed Distribution**.

3   Select **Renew** and browse to the renewed sToken on your network for upload.

4   **Save** your settings.

Clear sTokens

Clear sTokens to remove them from the Workspace ONE UEM console. Clear sTokens if you never used it to distribute content or if it has expired.

1   Go to the applicable organization group.

2   Navigate to **Groups & Settings > All Settings > Devices & Users > Apple > VPP Managed Distribution**.

3   Select **Clear** and follow the prompts.

Note   Deleting the sToken, uninstalls the applications purchased for your VPP account from all the assigned devices and revoke the licenses. All the applications that is purchased using the sToken will not be available for assignment.

For an outline of the support for the managed distribution method by Apple IDs, see Managed Distribution by Apple IDs.

Sync Managed Distribution Content

Workspace ONE UEM has two methods that sync-managed distribution content: By assets and by license. The assets function syncs the metadata on an sToken and claimed licenses information. The license function syncs information for a single asset. It is useful for sTokens that contain thousands of licenses and you only want to sync the licenses applied to one asset.

Sync Assets

1   Go to the organization group where you uploaded the sToken.

2   Navigate to one of the following areas:

- **Apps & Books > Applications > Native > Purchased**

- **Apps & Books > Books > List View > Purchased**

3   Select **Sync Assets**.

4   Confirm to register an sToken with Workspace ONE UEM, if applicable. The system prompts for registration if it detects an sToken is used in another environment.

5   To select that the sync completed, refresh the screen.

Workspace ONE UEM syncs purchased asset meta data and if there are claimed licenses, the system syncs for those assets of the claimed licenses. Workspace ONE UEM makes the sync features inaccessible until reconciliation completes.

Sync Licenses

1   Go to the organization group where you uploaded the sToken.

2   Navigate to one of the following areas:

- **Apps & Books > Applications > Native > Purchased**

- **Apps & Books > Books > List View > Purchased**

3   Select the asset check box and select **Sync Licenses** option from the actions menu.

Configure Licenses and Assign with Flexible Deployment

To retrieve the data on the sToken, Workspace ONE UEM syncs with Apple Web services, and then it can display content for assignment and deployment. Workspace ONE UEM distributes licenses by smart group and publishes content when you save an assignment rules in the flexible deployment feature.

Assign Content to Smart Groups and Publish with Flexible Deployment

Assign content acquired from Apple's Volume Purchase Program (VPP) with managed distribution codes to smart groups.

1   Navigate to **Apps & Books > Books > List View > Purchased**

2   Select the book to hold licenses and apply an SDK profile, which is optional.

Table 4-7. Setting Descriptions to Hold Licenses and Assign and SDK Profile

Setting	Description
Licenses on hold	Enter the number of licenses that you want to place on hold. Use this setting to save the managed distribution codes for later use. You do not have to enter a value.
SDK Profile	If you use AirWatch SDK functionality, assign an SDK profile to the application.
Assignment Type	Books always push to devices **On Demand**.

3   Select **Save & Assign** to move to the flexible deployment section. You add assignment rules that you can prioritize.

4   On the **Assignments** tab, select **Add Assignment** and complete the options.

Table 4-8. Setting Descriptions to Add Assignments to Books

Setting	Description
Add Assignment By	Hover over the setting and select **License Codes By Smart Group** to assign managed distribution codes. Allocate codes to a smart group by typing the name of the group. Options display, and you can select the appropriate smart group from the list. If necessary, you can create a new smart group. ■ **Users or Devices** – View the number of users for the order. ■ **Allocated** – Enter the number of licenses to allocate to the selected users. Do no exceed the total number in the order. ■ **Redeemed** – View the number of licenses that have already been redeemed, if any.
Assignment Type	Books always push to devices **On Demand**.

5   Select **Save**.

6   If you have more than one assignment rule, use the **Move Up** and **Move Down** options to order assignments. Place critical assignments at the top of the list. This configuration displays as the **Priority**.

7   Select **Save & Publish**.

Managed Distribution Information

You can access managed distribution information from the Device Details, Licenses, and Manage Devices pages. Each page offers various auditing and management actions depending on the type of asset.

Device Details

From the Device Details page, audit assignments and perform installations and removals.

Go to **Devices > List View > Apps** or to **Devices > List View > More > Books**. The system does not support all management functions for all asset types. The system does not display unsupported options.

■   View the content assigned to the device.

■   If supported, install and remove the content on the specified device.

Licenses

From the Licenses page, track sync processes, audit licenses available for reuse, and revoke licenses if supported.

Go to **Apps & Books > Applications > Native > Purchased > Managed Distribution** or to **Apps & Books > Books > List View > Purchased > Managed Distribution**.

■   View when assigned licenses were last synced.

- Filter by **License Owner Type** to access licenses that are available to reuse due to error using the **Not Assigned** option.

Manage Devices

From the Manage Devices page, install and remove content, send invitations to join the VPP if supported, and audit application installations and VPP program registrations.

Go to **Apps & Books > Applications > Native > Purchased > Manage Devices** or to **Apps & Books > Books > List View > Purchased > Manage Devices** to access the page. The system does not support all management functions for all asset types. The system does not display unsupported options.

- Notify devices concerning the VPP.

- Reinvite user-based VPP members who have not registered their Apple IDs with the program.

- Filter data using the **Status** option and find devices that have not installed VPP content.

- Filter data using **User Invite** and find those user-based members who have not registered their Apple IDs with the program.

Deploy and Manage Internal Books with Workspace ONE UEM

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Workspace ONE UEM can manage internal books for Apple iOS 8+ when you mark the book as **Is Managed**. These marked assets open in only the iBooks application and not in Safari. Manage options include install books, remove books, and notify devices about books.

Workspace ONE UEM cannot manage internal books on Apple iOS versions 7 and older. These books open in Safari.

Types of Internal Books Workspace ONE UEM Manages

Workspace ONE UEM supports management of internal books in several formats.

- iBook

- ePub

- iBooks authored as PDFs

Access Management Options

Use the several views to access management actions for books in the Workspace ONE UEM console.

- From the **Manage Devices > View Devices** page, you can view all the devices assigned to a particular book. Use this page to perform actions from the actions menu like install books and delete books.

- From the **Device Details** page, you can view managed internal books and you can install and delete books. Workspace ONE UEM can only manage iBooks for Apple iOS 8+. Device Details is explained in the VMware Workspace ONE UEM Mobile Device Management (MDM) guide.

This chapter includes the following topics:

- Understanding List View Option Descriptions for Books Deployment

- Manage Internal Books in Workspace ONE UEM

Understanding List View Option Descriptions for Books Deployment

The **List View** is a central location to sort, filter, and search for data so you can deploy books. Each **List View** in **Apps & Books** is slightly different and available functions vary, so the system does not display every option for every book type, internal, public, or purchased.

Table 5-1. Descriptions of List View Options

Setting	Description
Add Book	Upload your book to the Workspace ONE UEM console.
Add Order	Upload your Apple Volume Purchase Program (VPP) spreadsheet bought using the redemption code method to the UEM console.
Sync Assets	Use the **Sync Assets** option to sync your managed distribution content and licenses. You cannot access the sync licenses option unless you are in an organization group with an sToken uploaded to it.
Search List	Find books by name.
Toggle Filters	Display or hide filters.
Refresh	Refresh the items in the UI. Use refresh when you edit items and sync purchased books.
Export	Export all items on all pages to a CSV file.
Filters	■ **Platform**– Use this option to view books by platform. Currently, Apple iOS is the only supported platform. ■ **Status** – Use this option to view books by status, Active and Inactive. ■ **Categories** – Use this option to locate public books specifically for a default or custom category. Find books tagged as Finance, Business, Social Networking, and many other options. This filter is useful for finding large groups of public books.
Actions Menu	■ **Deactivate** – Prevents devices from receiving the book. However, devices that already have the book, keep it. ■ **Delete** – Removes a book record from the UEM console. ■ **Manage Devices** – Offers options management functions for books. ■ **Notify Devices** – Send a notification to devices concerning the VPP book. ■ **User Ratings** – Shows the book rating and feedback. ■ **View Events** – Shows device and console events for books and allows you to export these events as a CSV file.

Manage Internal Books in Workspace ONE UEM

Use the Manage Devices option to install and remove many internal books at once and to notify large numbers of iOS devices at once about books.

Filters

The **Status** filter helps find devices that have installed or not installed assets.

Manage Devices

1   Navigate to **Apps & Books > Books > List View** and select a tab.

2   Select the **Manage Devices** option from the actions menu.

3   Select from the actions menu or hover and select desired options that act on specific devices (selected and filtered) or act on all devices (listed).

Table 5-2. Available Settings to Manage Devices for Books

Setting	Description
Install (Only Internal)	Install an internal book on a single device or on multiple devices.
Remove (Only Internal)	Remove an internal book from a single device or off multiple devices.
Notify	Notify devices about an asset. Settings include email, SMS, push, and message template options for sending messages.

Configure a Book Catalog to Deploy Books to Devices

<div style="text-align: right">6</div>

You must deploy a book catalog to your end-users so that they can access books. The system pushes all books on-demand so users need the catalog to retrieve book assets.

Deploy the **Book Catalog** in the form of a **Web Clip** profile to iOS devices.

1 Navigate to **Devices > Profiles**> **List View**, and then select **Add** and **Add Profile**.

2 Select **iOS Apple**.

3 Configure the **General** payload settings.

4 Select **Web Clips** for iOS devices from the payload list.

5 Click **Configure** and enter the Web clip parameters.

Table 6-1. Settings to Configure the Book Catalog as a Web Clip

Setting	Description
Label	Displays the name for the Web Clip on managed devices. For example, **AirWatch Book Catalog**.
URL	Enter the **Book Catalog URL** in the format of **https://<Environment > /Catalog/BookCatalog? uid={DeviceUid}** where <Environment> is the URL to your MDM Server. In a multi-server on-premises deployment, this URL is your **Device Services server URL**.
Removable	Sets the device user with the ability to remove the Web clip.
Icon	Upload an icon for the Web clip as a graphic file in GIF, JPG, or PNG format. Icon Size Suggestion For best results, provide a square image no larger than 400 pixels on each side and less than 1 MB when uncompressed. The graphic is automatically scaled and cropped to fit, if necessary, and converted to PNG format. Web clip icons are 104 x 104 pixels for devices with a retina display or 57 x 57 pixels for all other devices.
Precomposed Icon	Select this option to display the icon without any visual effects.
Full Screen	Sets the Web clip to open in full screen mode.
Show in App Catalog/ Container	You do not need to configure this option, and you can leave this option disabled.

6 When complete, select **Save and Publish** to deploy the web-based AirWatch book catalog to devices.