

Configuring Box for EMM on MobileIron Cloud

An overview of applicable settings and Apple iOS Managed App Config

ABSTRACT

This document describes the configuration settings needed to deploy Box for EMM via MobileIron Cloud.

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Overview of Box for EMM

Box for Enterprise Mobility Management (EMM) is a multi-tenant application that enables customers to restrict use of Box mobile apps to company-approved mobile devices secured by EMM providers.

Box for EMM uses OS-specific configuration mechanisms to deploy specific settings which help to validate the management state of the device.

Overview of Configuration

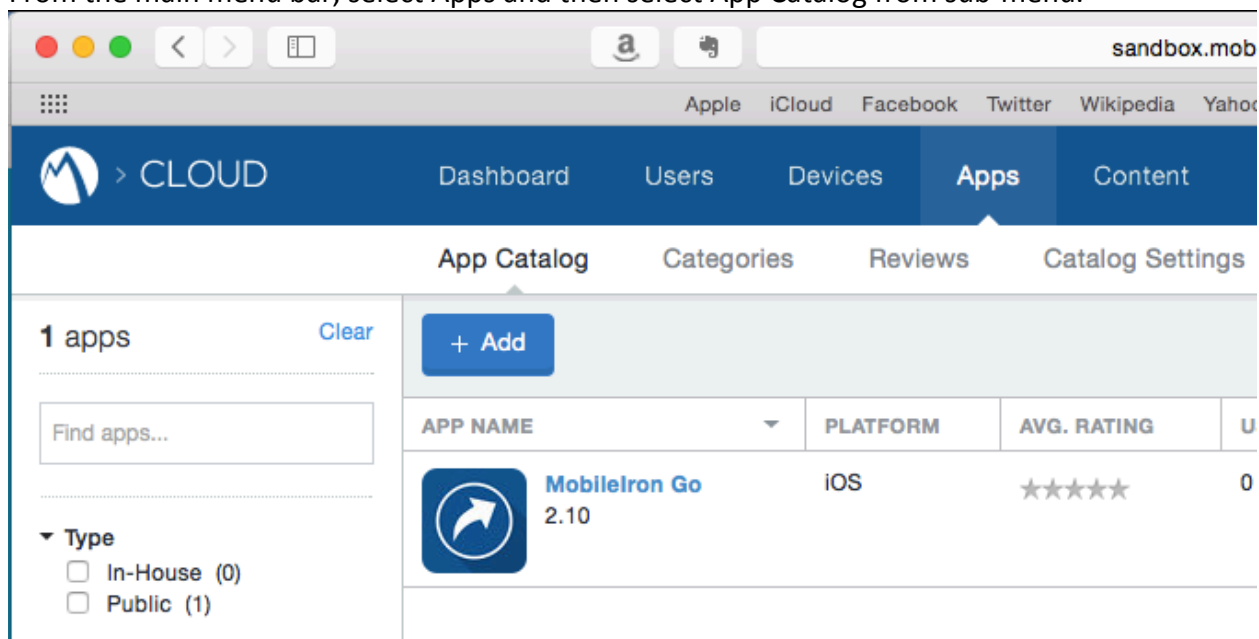
There are several steps required to configure Box for EMM on MobileIron Cloud:

1. Import the Box for EMM app to the App Catalog.
2. Choose which users to distribute the Box for EMM app to.
3. Configure the Box for EMM app: Configure app installation, configure iOS app settings, and create a Managed App Configuration.

Configuration Details and Procedures

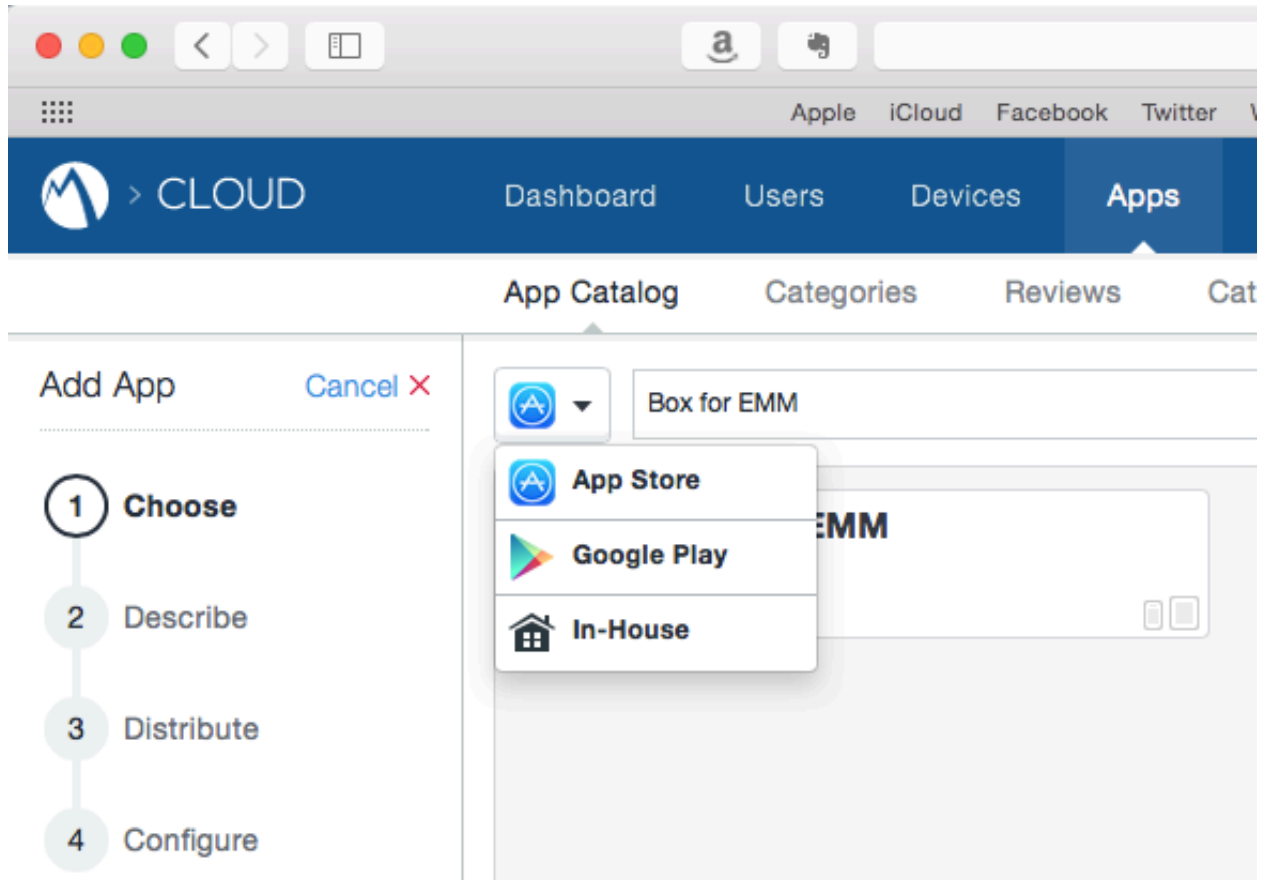
Import the Box for EMM app to the App Catalog

1. Log in to the MobileIron Cloud tenant.
2. From the main menu bar, select Apps and then select App Catalog from sub-menu.

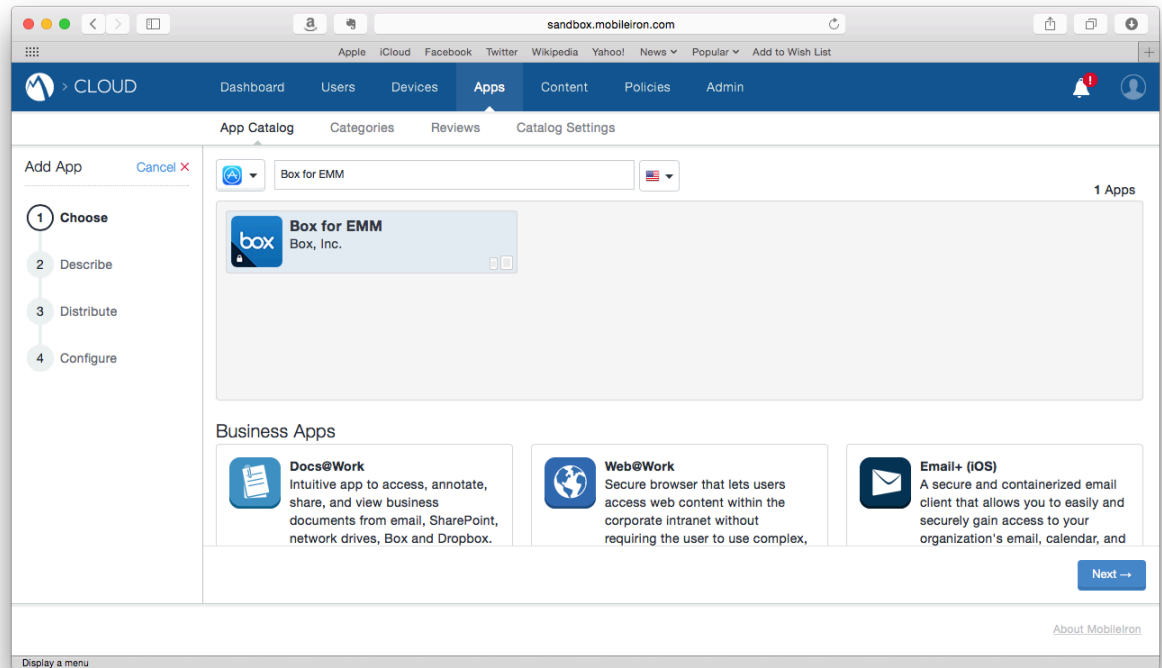


3. Click the Add button.

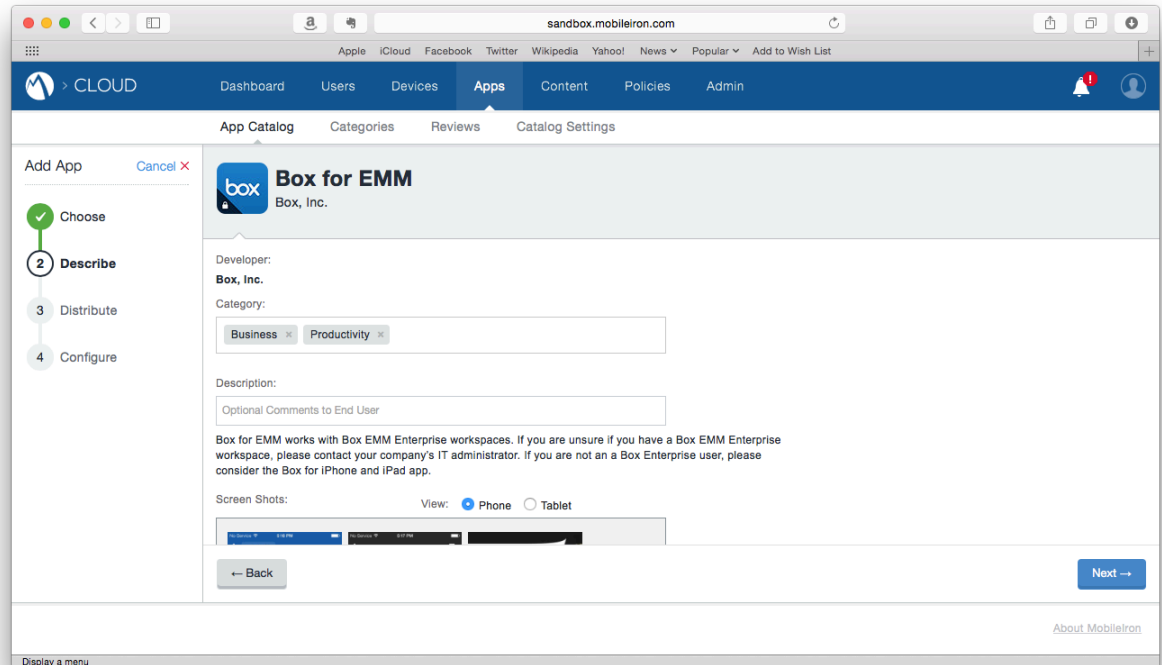
4. For Apple iOS, select App Store from the dropdown menu and type Box for EMM in the Search box.



5. Click Box for EMM in the search results pane and click the Next button.

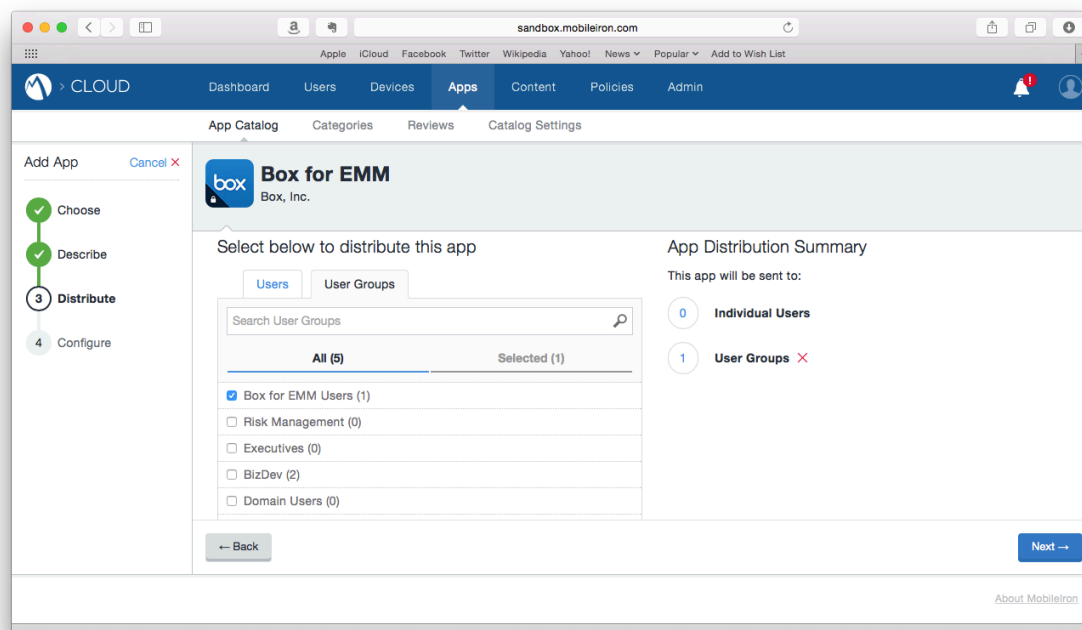
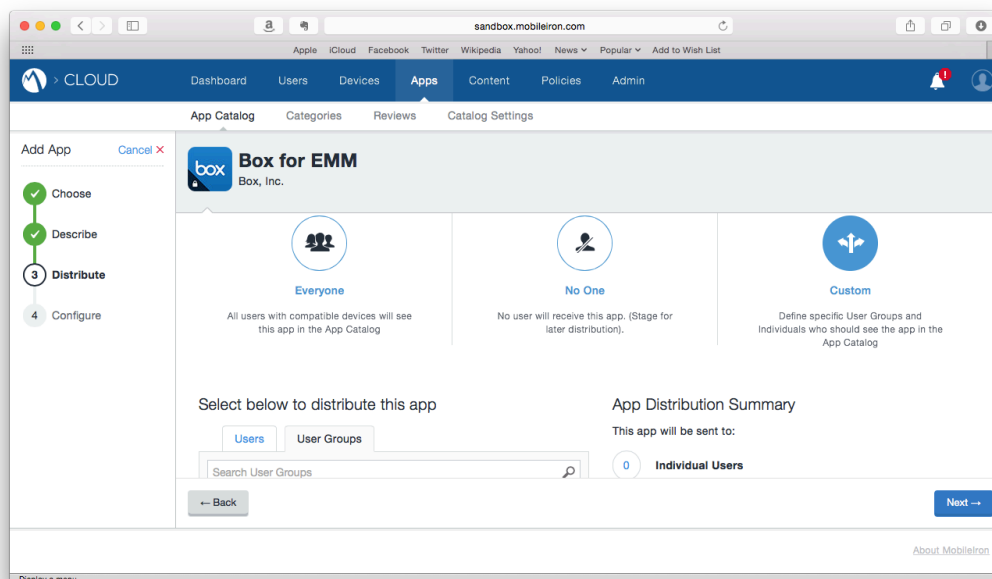


6. Click the Next button.



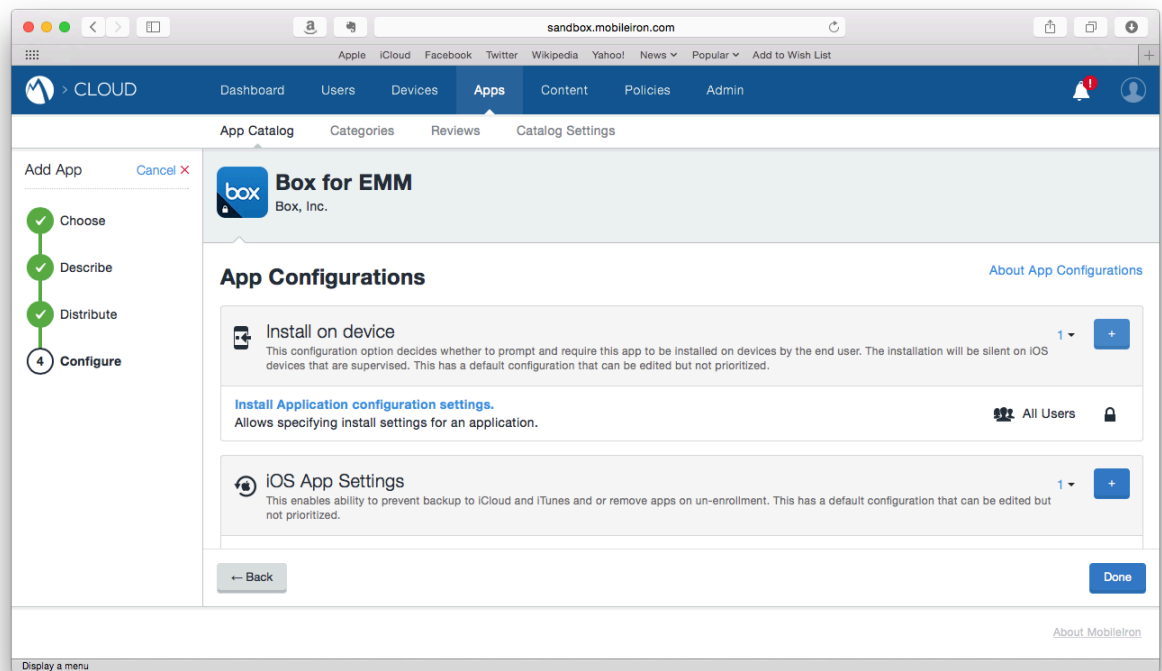
Choose which users to distribute the Box for EMM app to

1. Choose an option for distributing the Box for EMM app to users and click the Next button. The illustrations below depict choosing a sample Directory Group called Box for EMM Users by selecting Custom, clicking the User Groups tab, and selecting the check box next to Box for EMM. Your environment and configuration may vary.

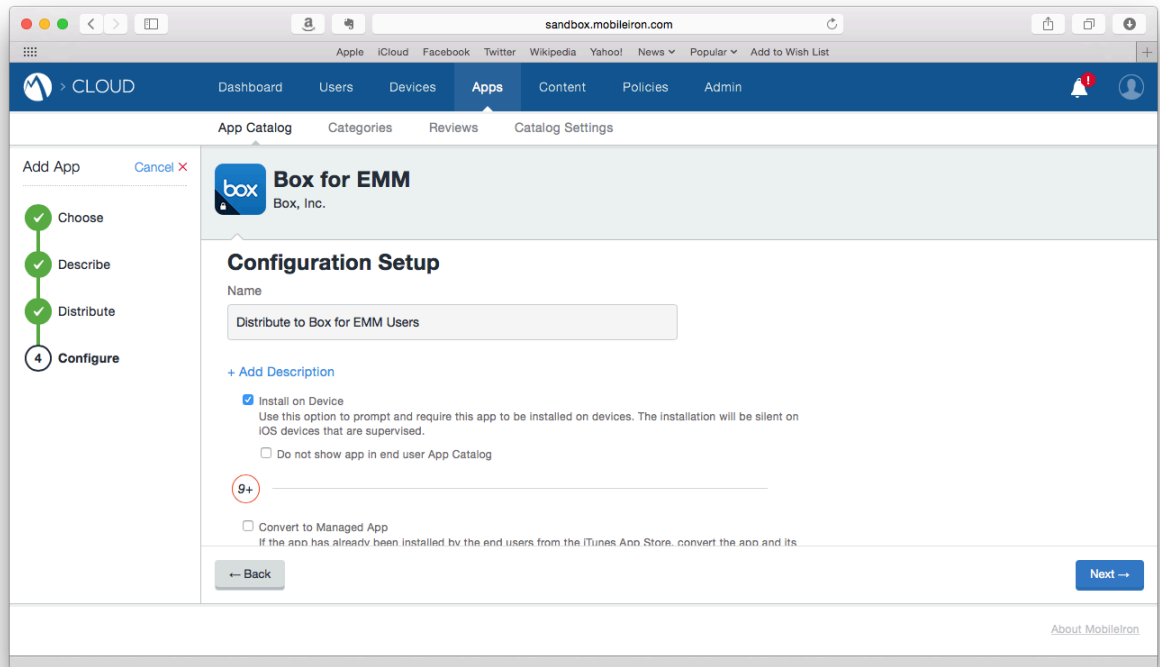


Configure the Box for EMM app

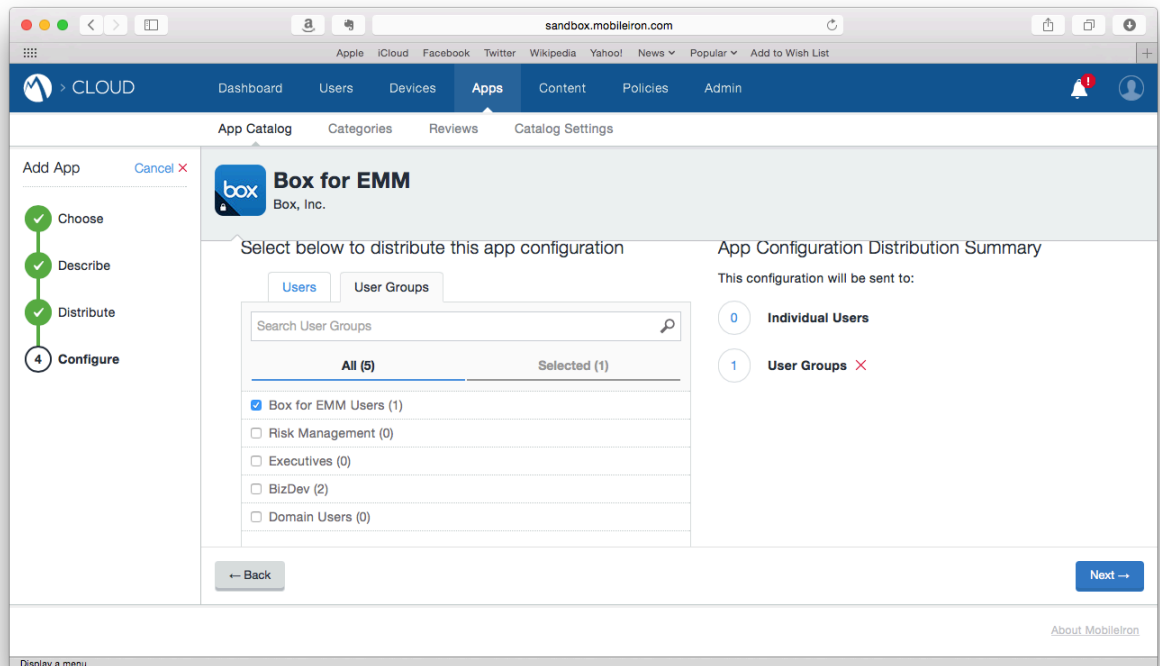
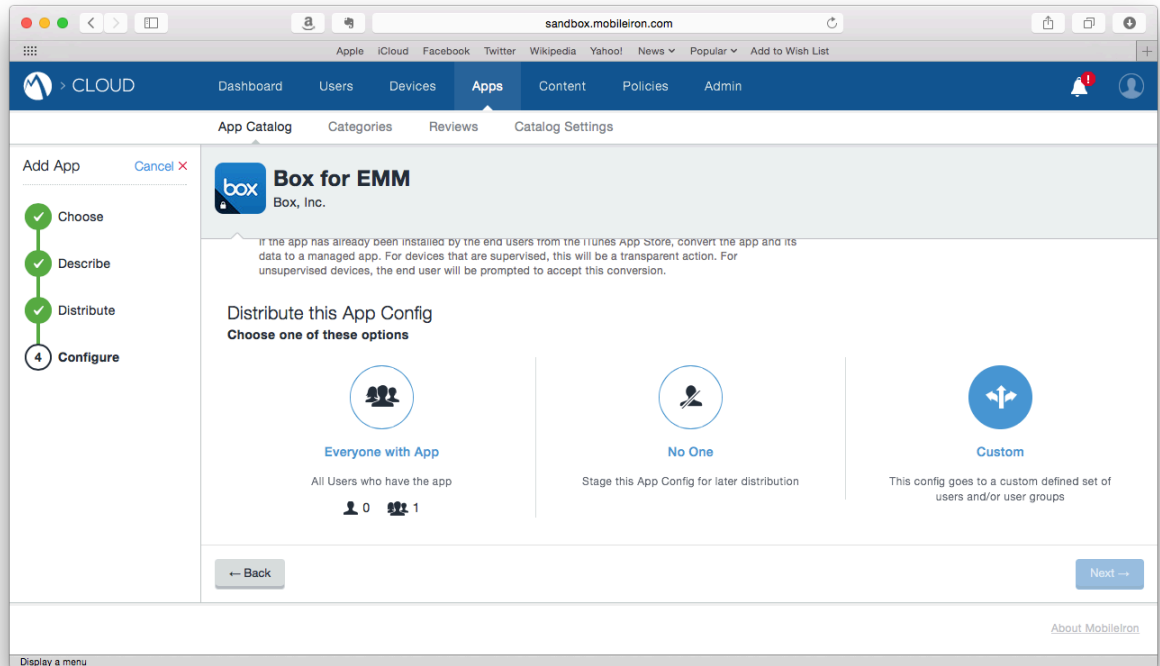
1. On the App Configurations screen, scroll to Install on device and click the + (Plus) button.



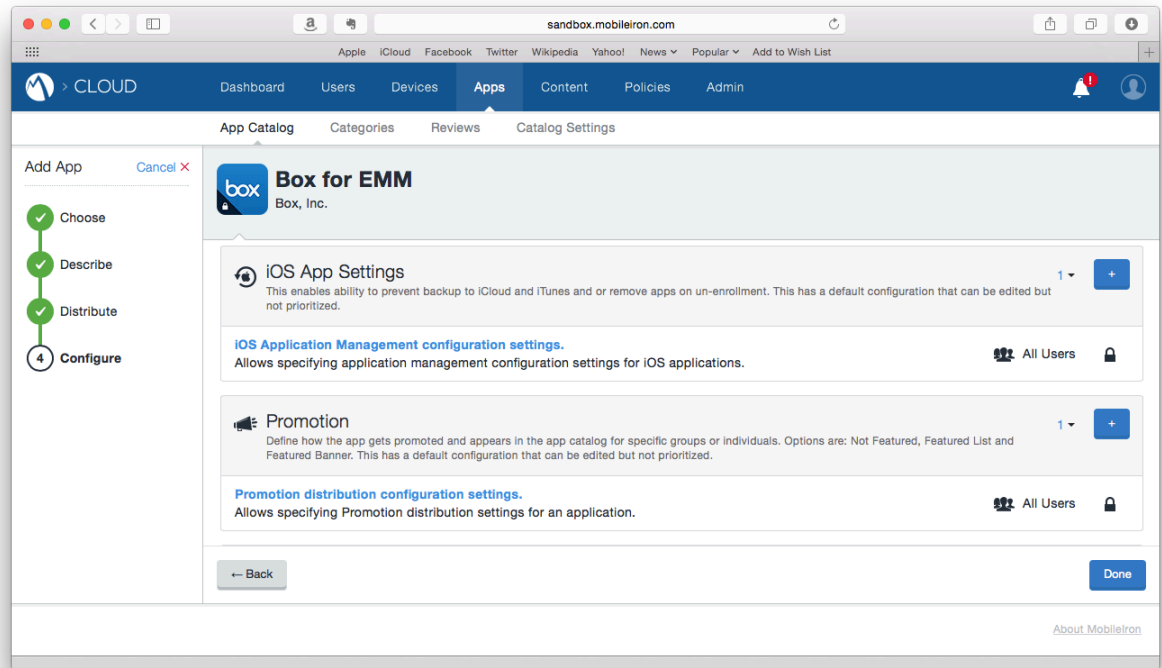
2. Type a name for your configuration in the Name field and select the Check Box next to Install on Device.



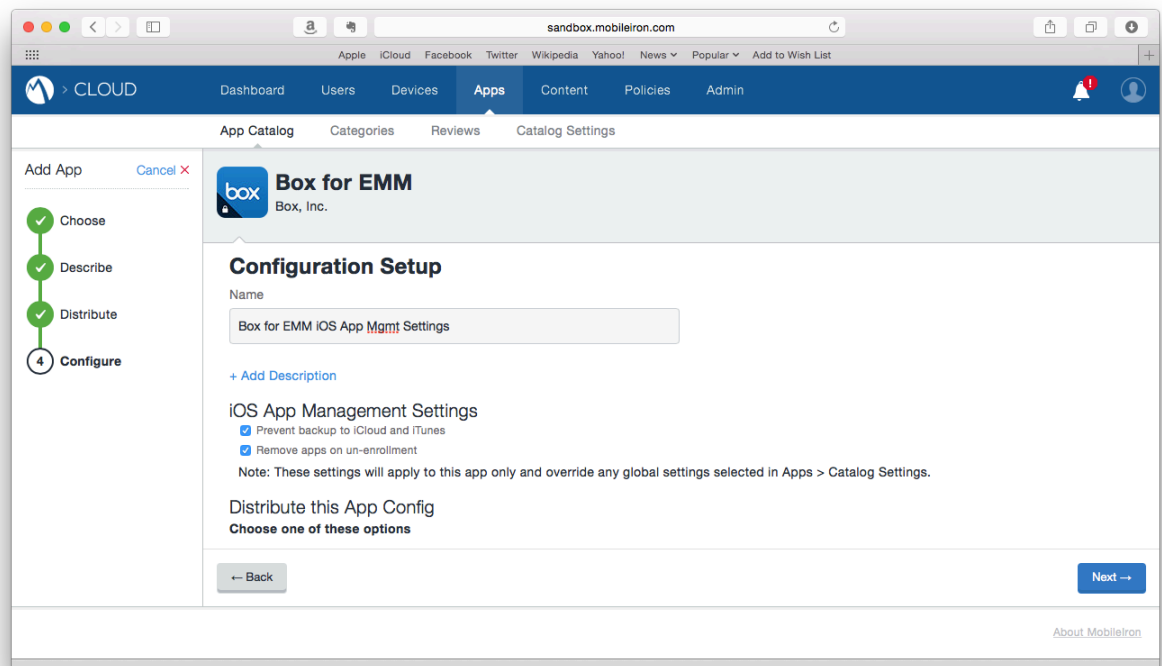
3. Scroll down to choose which users to distribute this configuration to and then click the Next button. As in the the previous example, the following illustrations depict distributing the app configuration to a sample Directory Group called Box for EMM Users.



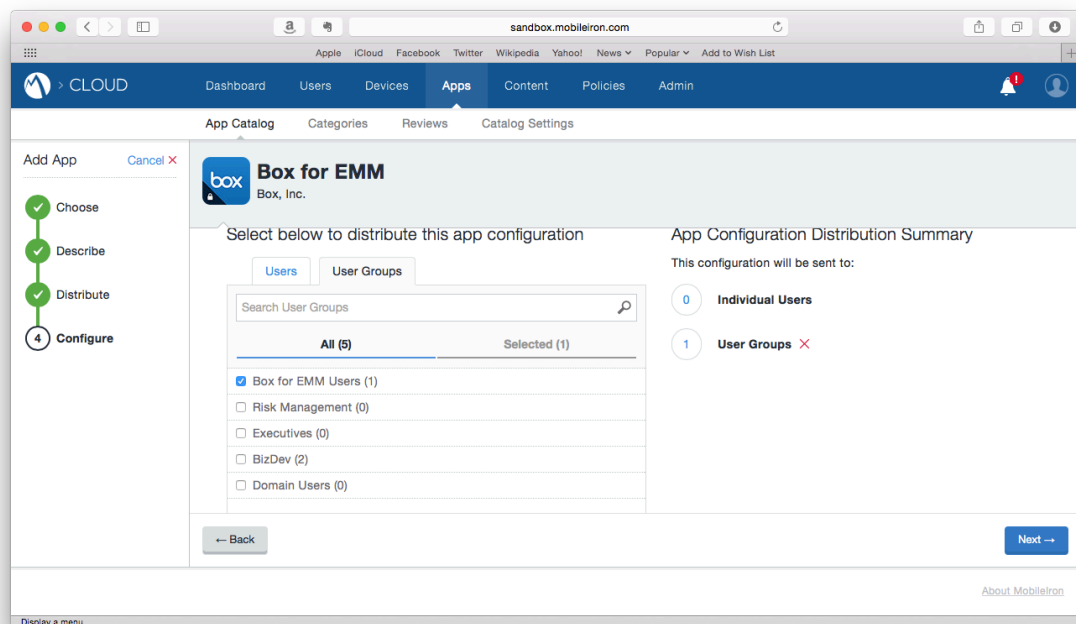
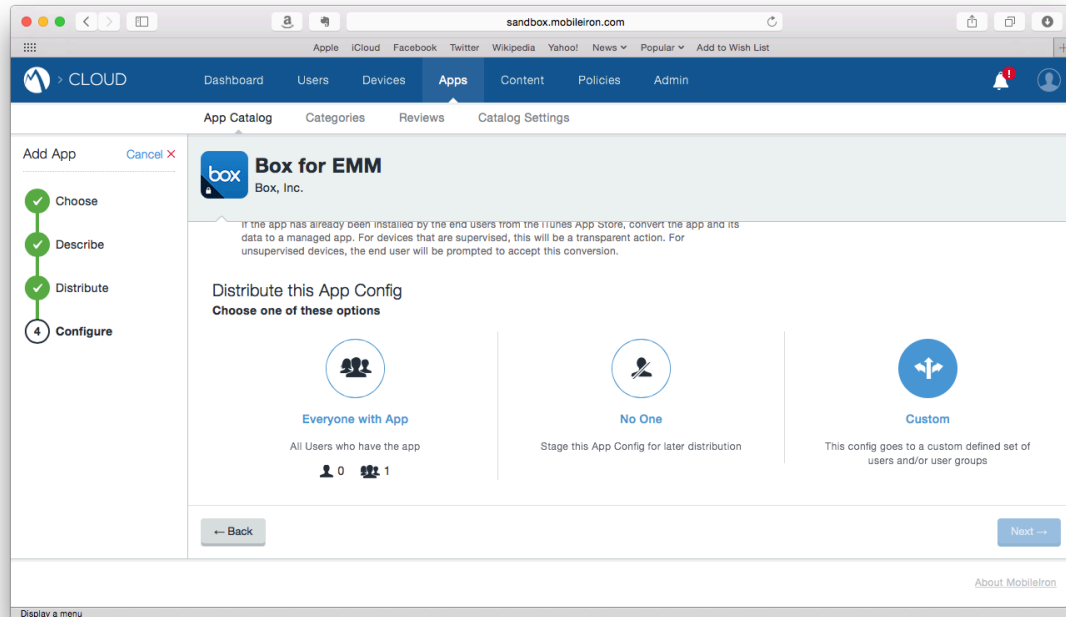
4. Scroll down to iOS App Settings and click the + (Plus) button.



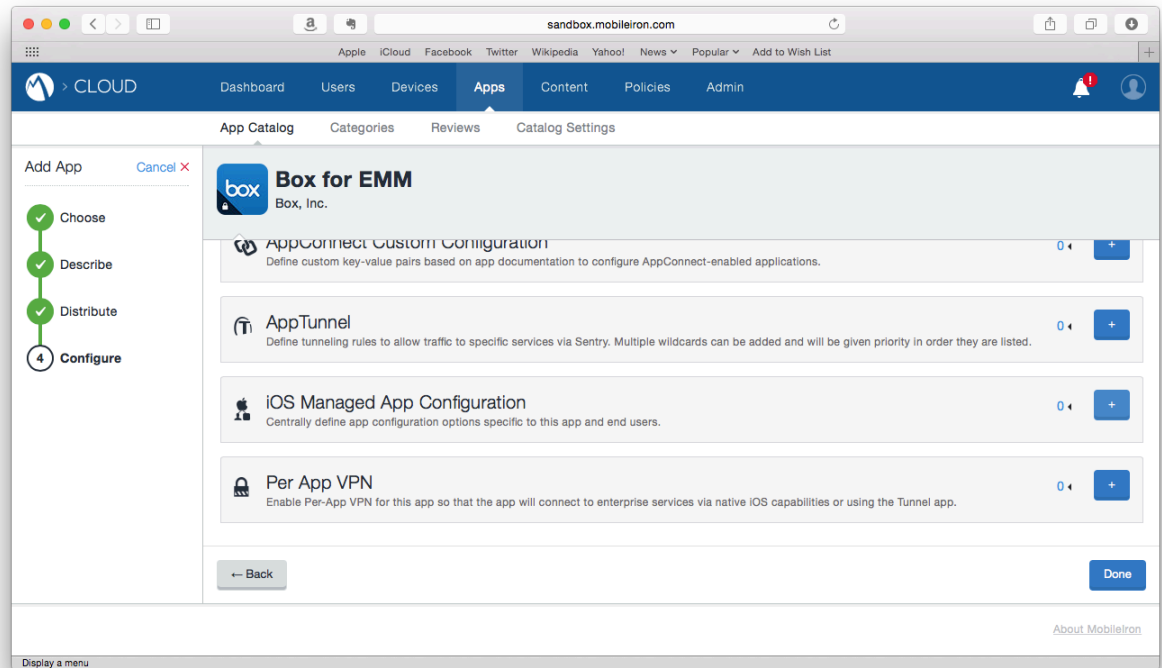
5. Type a name for your configuration in the Name field and select the Check Boxes next to Prevent backup to iCloud and iTunes and Remove Apps on Un-enrollment.



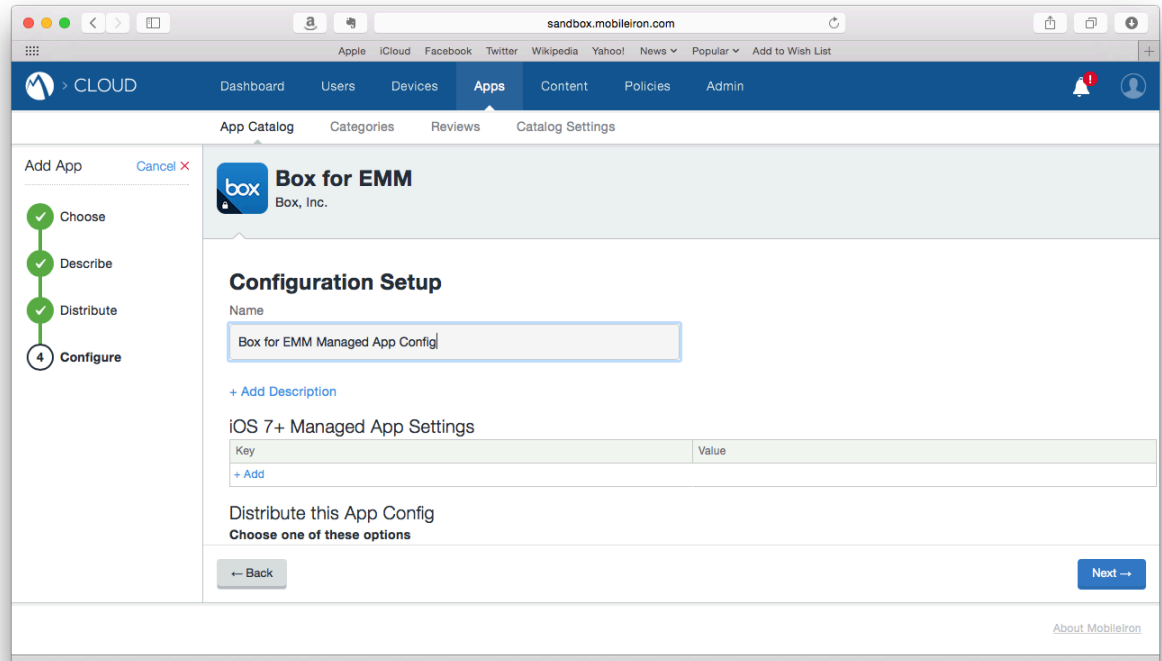
6. Scroll down to choose which users to distribute this configuration to and then click the Next button. As in the previous example, the following illustrations depict distributing the app configuration to a sample Directory Group called Box for EMM Users.



7. Scroll down to iOS Managed App Configuration and click the + (Plus) button.



8. Type a name for your configuration in the Name field.



9. In the iOS 7+ Managed App Settings section, click + Add link.

10. In the text field in the Key column, type Public ID.

The screenshot shows the MobileIron Cloud App Catalog configuration page for 'Box for EMM' by Box, Inc. The page is titled 'Configuration Setup' and includes a 'Name' field with the value 'Box for EMM Managed App Config'. Below this is a '+ Add Description' link. The 'iOS 7+ Managed App Settings' section contains a table with two columns: 'Key' and 'Value'. The 'Key' column has a text field with 'Public ID' entered. The 'Value' column has an empty text field. There is a '+ Add' link below the table and a 'Back' button at the bottom left. A 'Next' button is at the bottom right. On the left side of the page, there is a vertical progress bar with four steps: 'Choose', 'Describe', 'Distribute', and 'Configure'. The 'Configure' step is currently selected and highlighted with a blue circle and the number 4.

Key	Value
Public ID	

11. In the text field in the Value column, type the Public ID provided by your Box Implementation Consultant (IC) or Customer Success Manager (CSM).

Note: To ensure a proper Public ID value, when contacting your Box representative, please alert them that the product you are using is MobileIron Cloud.

The screenshot shows the 'Box for EMM' configuration page in the MobileIron Cloud App Catalog. The left sidebar indicates the 'Configure' step is active. The main content area is titled 'Configuration Setup' and includes a 'Name' field with the value 'Box for EMM Managed App Config'. Below this is a '+ Add Description' link. The 'iOS 7+ Managed App Settings' section contains a table with two columns: 'Key' and 'Value'. The first row has 'Public ID' in the Key column and 'provided_by_box_ic' in the Value column. A '+ Add' link is located below the table. At the bottom of the configuration area are 'Back' and 'Next' buttons.

Key	Value
Public ID	provided_by_box_ic

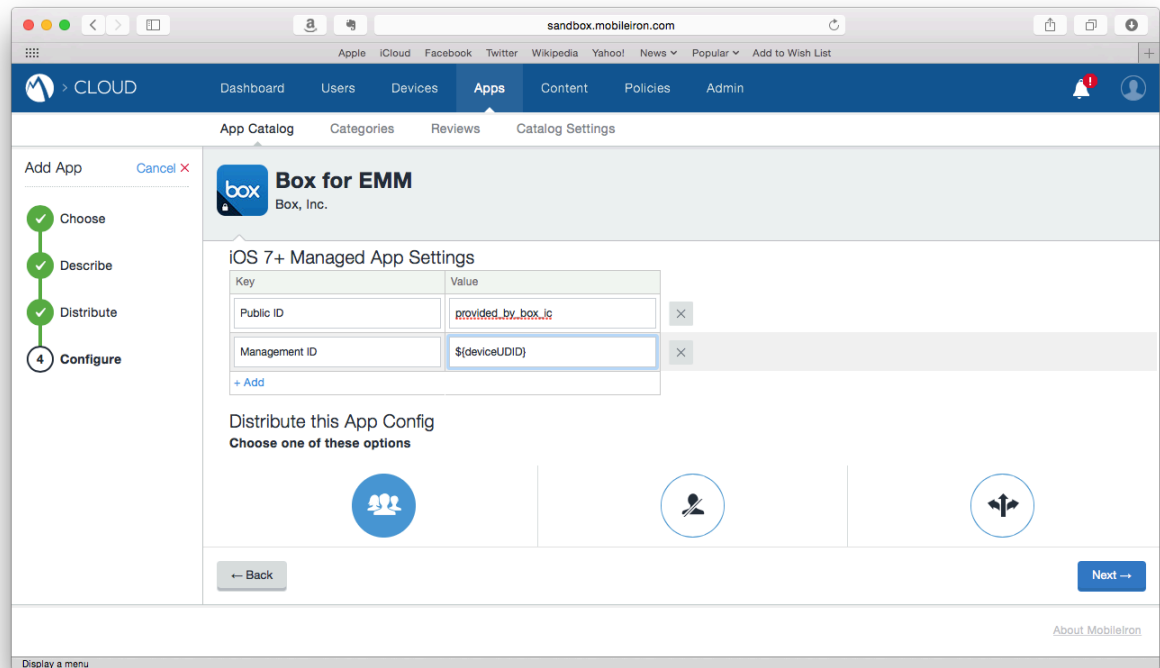
12. Click the + Add link.

13. In the text field in the Key column, type Management ID.

This screenshot shows the same configuration page as the previous one, but with an additional row in the 'iOS 7+ Managed App Settings' table. The second row has 'Management ID' in the Key column and an empty text field in the Value column. The '+ Add' link is still present below the table. The 'Distribute this App Config' section at the bottom shows three options with icons: a group of people, a single person, and a document with arrows. 'Back' and 'Next' buttons are at the bottom.

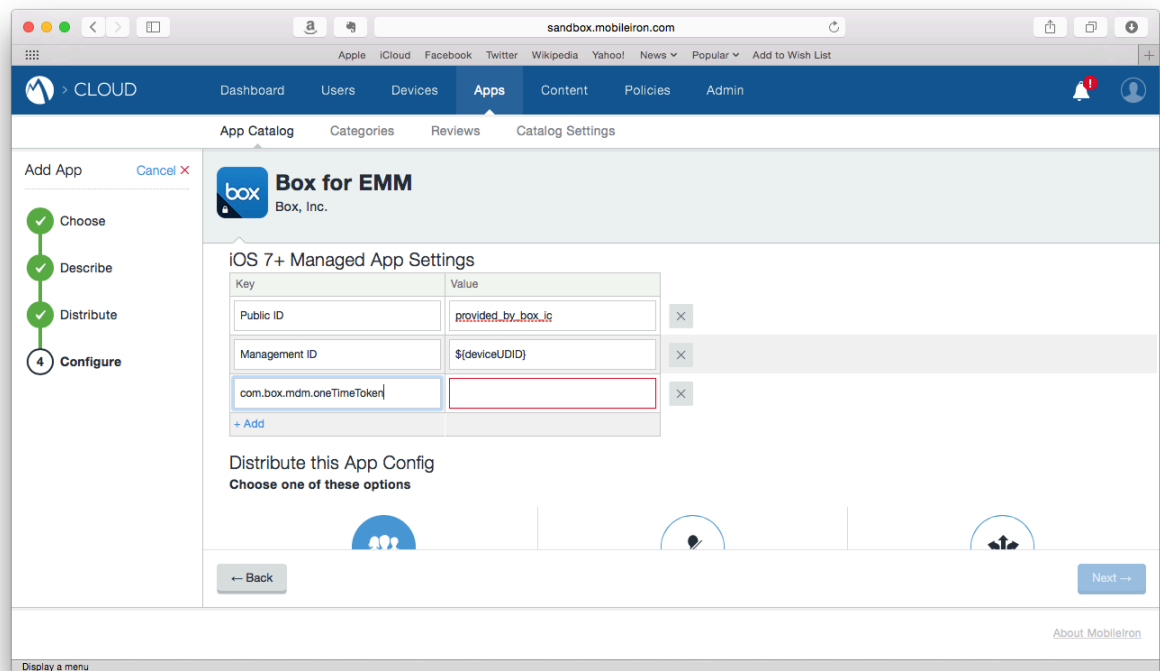
Key	Value
Public ID	provided_by_box_ic
Management ID	

14. In the text field under the Value column, type `${deviceUDID}`.



15. Click the + Add link.

16. In the text field under the Key column, type `com.box.mdm.oneTimeToken`.



17. In the text field under the Value column, type `${deviceUDID}`.

The screenshot shows the 'Box for EMM' configuration page in the MobileIron Cloud App Catalog. The 'Configure' step is selected in the left sidebar. A table with 'Key' and 'Value' columns is displayed. The 'Management ID' and 'com.box.mdm.oneTimeToken' values are set to `${deviceUDID}`. The 'Public ID' value is `provided_by_box_ic`. Below the table, there are three distribution options: 'Distribute to all users', 'Distribute to selected users', and 'Distribute to specific devices'. The 'Next' button is visible at the bottom right.

Key	Value
Public ID	provided_by_box_ic
Management ID	<code>\${deviceUDID}</code>
com.box.mdm.oneTimeToken	<code>\${deviceUDID}</code>

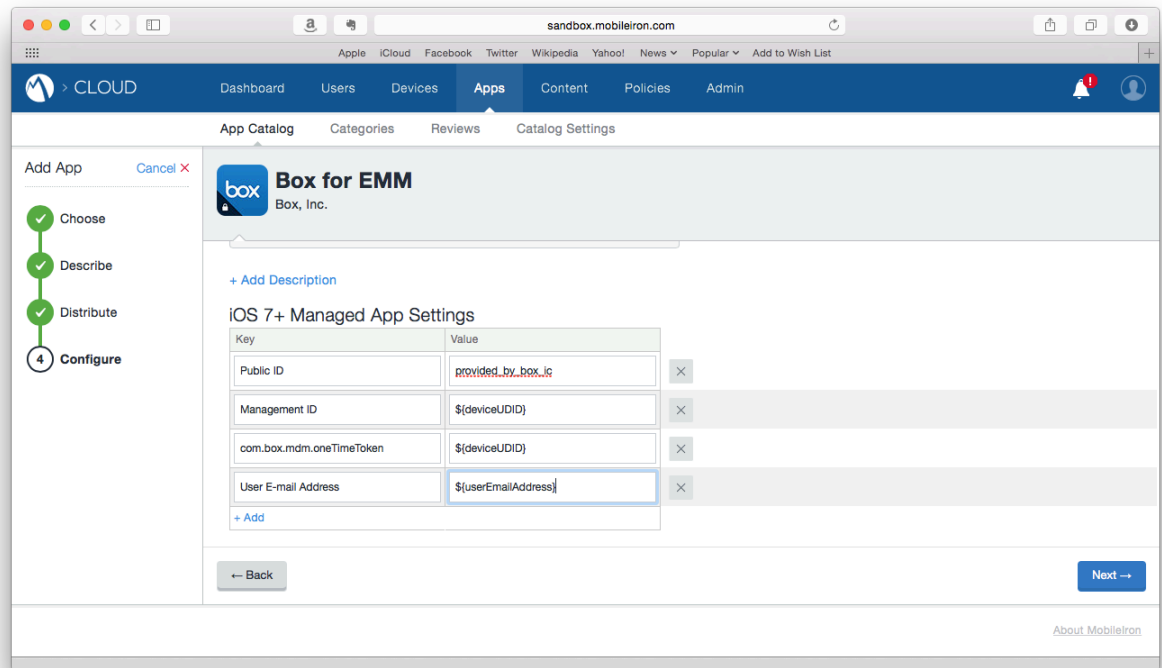
18. Click the + Add link.

19. In the text field under the Key column, type User E-mail Address.

The screenshot shows the 'Box for EMM' configuration page with a new row added to the configuration table. The 'User E-mail Address' key is entered in the 'Key' column, and the 'Value' column is empty. The 'Next' button is visible at the bottom right.

Key	Value
Public ID	provided_by_box_ic
Management ID	<code>\${deviceUDID}</code>
com.box.mdm.oneTimeToken	<code>\${deviceUDID}</code>
User E-mail Address	

20. In the text field under the Value column, type `${userEmailAddress}`.



21. Scroll down to choose which users to distribute this configuration to and then click the Next button. As in the the previous example, the following illustrations depict distributing the app configuration to a sample Directory Group called Box for EMM Users.

