How to configure an Android device in Multi App Kiosk mode with Microsoft Intune

In previous blogs I talked about [how to configure Android Enterprise – Corporate-owned – dedicated device mode](https://www.robinhobo.com/how-to-setup-android-enterprise-corporate-owned-dedicated-devices-with-microsoft-intune/), and as an addition, [how to configure Kiosk Single app mode for Android devices](https://www.robinhobo.com/how-to-configure-an-android-device-in-single-app-kiosk-mode-with-microsoft-intune/). In this blog I want to show you the Multi-app Kiosk mode for Android devices and how the end user experience looks like. There are some steps different than in Single app mode, I will show you this step-by-step in this blog.

In this blog I will cover the following steps;

* Publish the Managed Home Screen app
* Create a Multi-App Kiosk profile
* Test the results

Step 1 : Publish the Managed Home Screen app

For the following steps you need to login to the [Microsoft Azure Portal](https://portal.azure.com/) first. In this first step we are going to publish the Managed Home Screen app as mandatory app to the Android devices. This app is required for Android Multi-app Kiosk mode to work.

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Navigate to **Microsoft Intune > Client apps > Apps** and click the **+Add** button

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Select **Managed Google Play** as App type

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Search for the **Managed Home Screen** app and click **Approve**

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Click **Approve**

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Select **Keep approved when app requests new permissions** (if you do) and click **Save**

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Click **OK**

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Apps needs to be synced from the Google Managed Play store with Microsoft Intune. To do this, click **Sync**

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After the Sync, the new application should appear in the Apps list. Open the settings of the **Managed Home Screen** application.

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Open the **Assignments**page and click **Add Group**. Make sure you publish this application as **Required** and select the appropriate device group. Click **OK** twice and click **Save**.

Step 2 : Create a Multi-App Kiosk profile

In the second step we are going to create the Multi-App Kiosk profile.

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Navigate to : **Microsoft Intune > Device configuration > Profiles** and click the **+ Create profile** button.

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Give this new profile a **name** and **description.**Select **Android enterprise** as Platform and **Device restrictions** as Profile type. **Note:**Make sure you select Device restrictions right under **Device Owner Only**

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Click **Settings / Configure** and open the **Kiosk** page. Select **Multi-app kiosk** as Kiosk mode and click the **Add**button to add applications you want to make available in the Kiosk mode.

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For this blog I will make available the Firefox browser and the Microsoft Edge application. **Note:** make sure you publish the applications also as a **required** app to the device.

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Optionally you can enable the **Leave kiosk mode** and you can configure a custom background. For this blog I skip these options. Click **OK** twice and click **Create**

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Open the **Assignments**page and assign this profile to the appropriate group. Click **Save**

Step 3 : Test the results

Let’s test the end results on an Android device in Android Enterprise – Corporate-owned dedicated devices mode with the just created Multi-App Kiosk profile applied to it.

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As you can see, the Managed Home Screen app is running full screen on the device, with the custom wallpaper applied to it. This app has fully replaced the default Android Interface. It’s not possible to close this app by the end user. In this app you see both the Microsoft Edge and the Firefox Browser applications as we have configured in this blog.