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

In my previous blog I talked about [how to configure Android Enterprise – Corporate-owned dedicated devices mode with Microsoft Intune](https://www.robinhobo.com/how-to-setup-android-enterprise-corporate-owned-dedicated-devices-with-microsoft-intune/). The end result was a device on which the end user cannot do much more than open the published applications, and if it concerns a phone, make phone calls and send text messages.

If this is still too much, you can go one step further by pushing a Kiosk profile to the device so that the device can only be used for a single application. This application starts automatically on the device and the default interface of Android is not accessible anymore. In this blog I will show you how to configure this and what the end user experience looks like.

This blog is an addition to my [previous blog](https://www.robinhobo.com/how-to-setup-android-enterprise-corporate-owned-dedicated-devices-with-microsoft-intune/), make sure that you have configured the Android Enterprise – Corporate-owned dedicated devices mode first. Otherwise it will not work.

For the following steps, login to the [Microsoft Azure Portal](https://portal.azure.com/).

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

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Fill in a **Name** and a **Description**. Select **Android Enterprise** as Platform and select **Device restrictions**(under **Device Owner Only**) as Profile type.

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Click **Settings** and open the **Kiosk** page. Select **Single app kiosk** as Kiosk mode.  
Click **Select a managed app**

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Select the Managed Application you want to run in Kiosk mode on the device. **Note:**this application must also pushed to the devices as **required** app like described in step 3 of [this blog](https://www.robinhobo.com/how-to-setup-android-enterprise-corporate-owned-dedicated-devices-with-microsoft-intune/). For this blog I will select the Microsoft Edge application.

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Click **OK** and **Create**

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Open the **Assignment** page and assign it the group created in step 2 of [this blog](https://www.robinhobo.com/how-to-setup-android-enterprise-corporate-owned-dedicated-devices-with-microsoft-intune/).

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

As you can see on the left side, the Microsoft Edge browser is visible. This application is started automatically after the device has turned on. I have no options to close it. As you can see on the right side, I tried to close the app, but once I press the **Close All** button, the Microsoft Edge browser will appear full screen again.