How to configure Windows 10 in Kiosk Single App, full-screen mode with Microsoft Intune

Recently a few different customers told me they have plans to replace their expensive and hard to manage thin clients with cheaper Windows 10 fat-clients. And I think it’s a good move because you can easily configure Windows 10 in Kiosk mode via Microsoft Intune (by the time of writing this blog still in preview). With Windows 10 in Kiosk mode you can replace the Windows 10 shell with a dedicated application that will run full screen, without having the option to close that application.

In the case of a thin client replacement, you can run a web browser full screen that will load the page of the Microsoft MyApps portal, or the Citrix StoreFront page for example. To access the corporate published applications or desktop(s).

In this blog I will show you how to configure this.

**My Environment**

For this blog I have installed one Windows 10 devices (Kiosk01) with a local user and enrolled with Microsoft Intune (no policies applied so far). I have created a group named “Kiosk-devices” and added the Kiosk01 device to it.

**Publish the Microsoft Kiosk Browser**

In this blog I will use the Microsoft Kiosk Browser app to run full screen on the Kiosk device. The Microsoft Kiosk Browser application is a Windows store app. The easiest way to add this application to your Microsoft Intune app catalog is via the [Microsoft Store for Business](https://businessstore.microsoft.com/) website.

Login to the [Microsoft Store for Business](https://businessstore.microsoft.com/) website and search for the **Kiosk Browser**.

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Click **Get the app**

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Click **Close**

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Open the [Azure Portal](https://portal.azure.com/) and navigate to **Microsoft Intune > Client apps > Microsoft Store for Business** and click the **Sync** button.

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The kiosk browser will now appear between the other applications. Open the **Apps**tab and click on the **Kiosk Browser**application. Click **Assignments**, and then click **Add group**.

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Select the group of devices you want to configure in Kiosk mode (in my case **Kiosk-devices**). Click **OK** and click **Save**.

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Navigate to **Microsoft Intune > Device configuration.**Click **Profiles** and then click **+Create profile**

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Configure the following;

**Name:**Fill in a name (in my case Win10 – Kiosk – Single App  
**Description:** something you like  
**Platform:**Windows 10 and later  
**Profile type:**Kiosk (Preview)

Then click **Settings**

On the settings page, configure the following;

**Select a kiosk mode:**Single app, full-screen kiosk  
**User login type:**In my case I will configure **Auto logon**, but you can also choose for a local or domain user  
**Application type:**Add Kiosk browser (in my case, but you can choose any app you like)

Click **Kiosk browser settings**

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Here you can configure the Kiosk browser application. You can configure if Navigation buttons, Home buttons and End session buttons must be visible. You can also configure the Default home page URL (for example the MyApps portal or the Citrix Storefront website) and the allowed websites. After configuring the rights settings click **OK**

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The final step is to Assign this profile to the group of devices you want to configure in Kiosk mode. Open the **Assignments**page and select the right device group.

Test the results

It’s time to test the results of this configuration. I have checked that the Kiosk Browser and the just created Kiosk profile is applied to the machine (in my case a virtual machine for testing).

[A picture containing nature, night sky

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After the reboot Windows is preparing the Kiosk mode for the first time

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Windows 10 will automatically login and the **Kiosk Browser** application is started in full screen mode with the website I configured earlier in the Kiosk Profile. I also don’t have the options to close this application or start another application.