

Microsoft

Multi-Factor Authentication (MFA)

MICROSOFT MULTI-FACTOR AUTHENTICATION

What is Multi-Factor Authentication?

Multi-Factor Authentication (or MFA) is a way of requiring additional authentication on top of more traditional methods such as a password.

Examples of MFA include:

- Receiving a code on your mobile device
- Using an authenticator app on your mobile device

Why use Multi-Factor Authentication?

MFA helps to protect your account against unauthorised access by adding an additional layer of protection.

If your password becomes compromised, a malicious login attempt will still be prevented due to this additional security as any bad actors will not have access to the required mobile device.

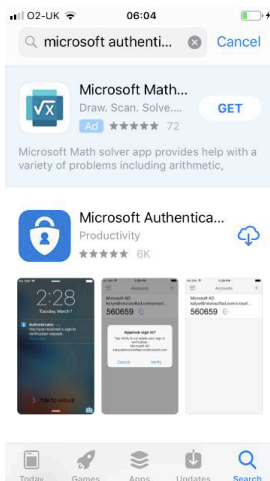
Passwords can become compromised for various reasons including users re-using the same passwords across multiple systems making them easier to remember. If one of these systems becomes compromised, credentials can be leaked and used to access any other system using this same password.

MFA CONFIGURATION

For the purposes of this document, we will be using the Microsoft Authenticator mobile app. Before configuring MFA, you will need to download and install the authenticator app if you do not already have it installed.

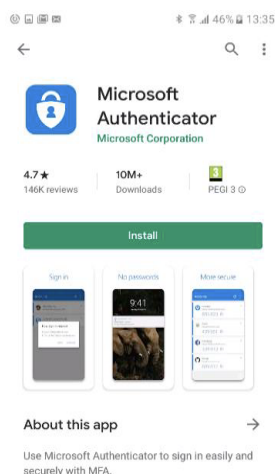
Installation on Apple iOS

Go to the App Store, search for **Microsoft Authenticator** and choose **Install**



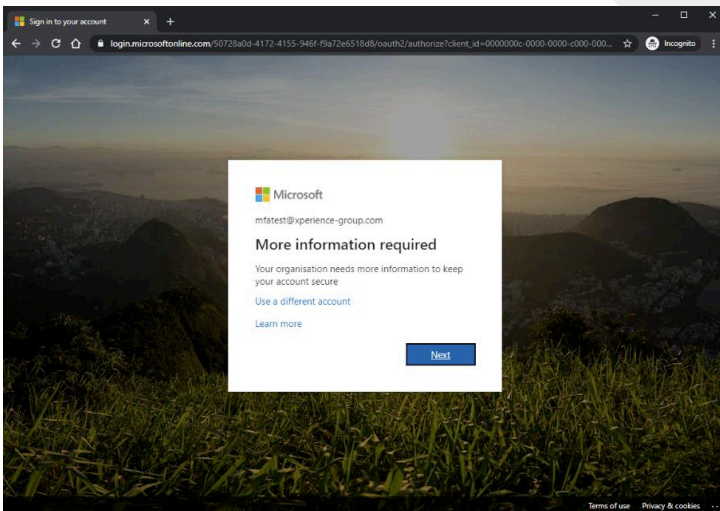
Installation on Android

Go to the Play Store, search for **Microsoft Authenticator** and choose **Install**

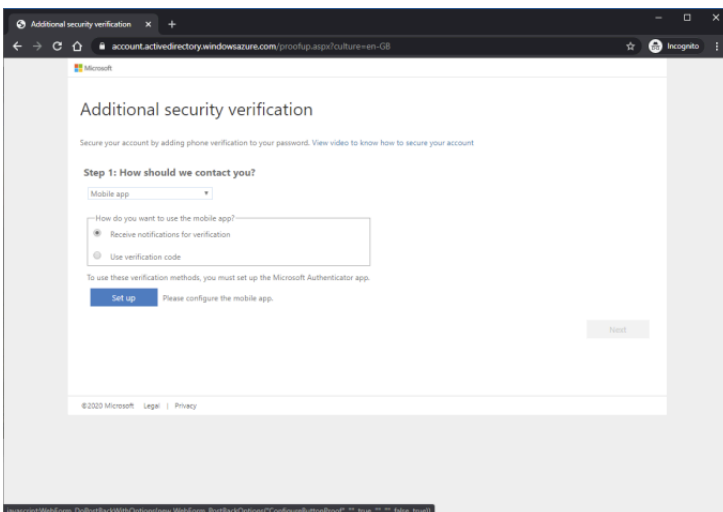


When you sign in to an Office service after MFA has been enabled on your account, you will be prompted to provide additional security information.

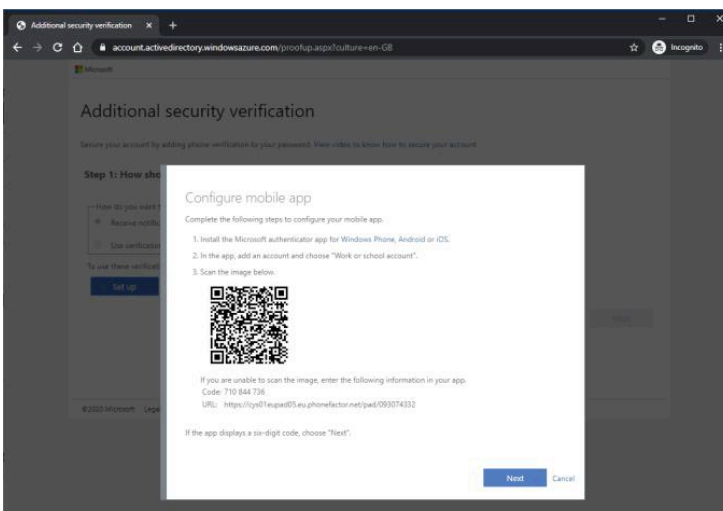
Alternatively, you can visit <http://aka.ms/mfasetup> and sign in using your Office 365 username and password.



Click **Next** to continue. You will then be asked which method on MFA you wish to use. As we are using the authenticator app, under Step 1, choose **Mobile app**

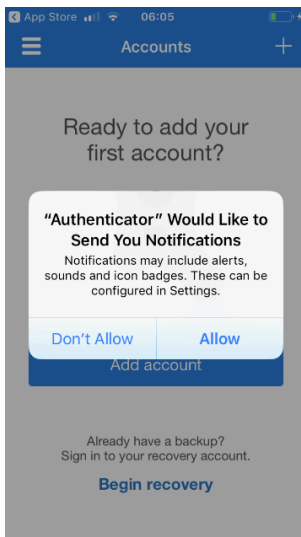


Select **Receive notifications for verification**, then click **Set up**

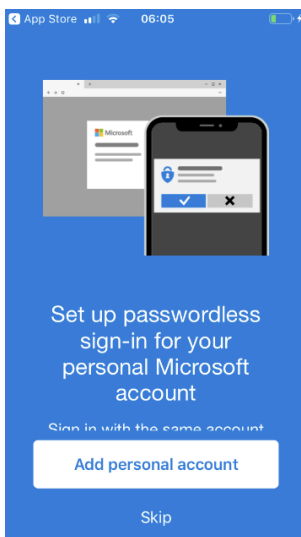


You should now be shown a screen which contains a QR Code. Now open the Microsoft Authenticator app on your mobile.

Once the app has been opened, you may be prompted whether you wish to allow notifications, please **Allow** them otherwise you will not receive MFA prompts and will not be able to sign into your account.

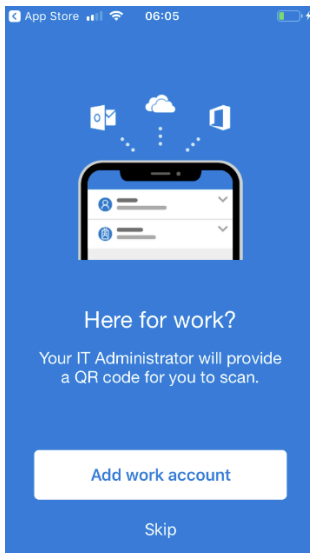


You may now be asked to add a personal account, please choose **Skip** at the bottom of the screen.

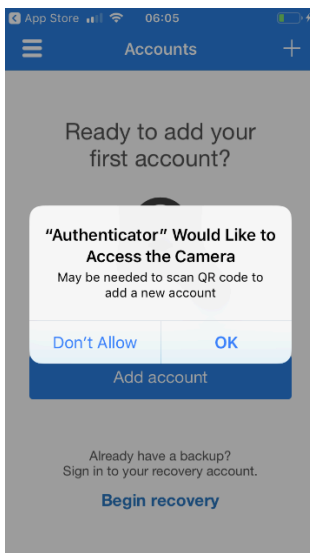


If prompted to add a non-Microsoft account, please also choose **Skip**.

You should now be prompted to add a work account, please choose the **Add work account** option.



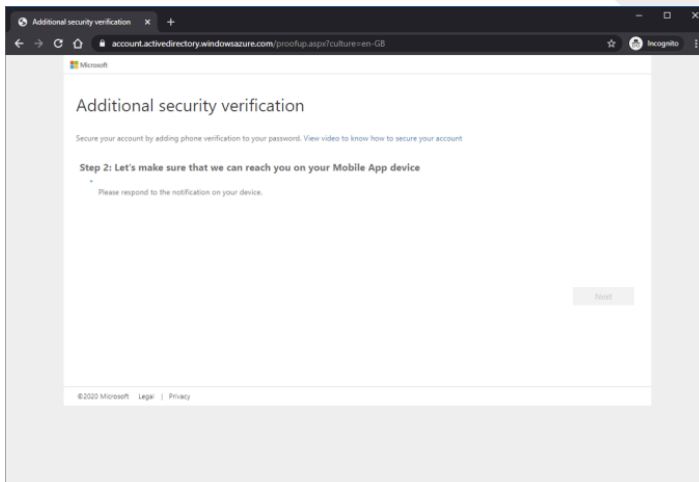
You may now be prompted to allow the Authenticator app access to the Camera, please choose **OK** to allow this.



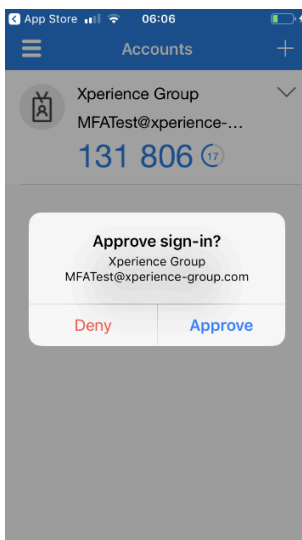
Now using your mobile device, scan the QR Code shown on your screen to add your account to the Authenticator app.

Once this has been successfully scanned, you will be returned to the main Authenticator app screen and will see your account listed with a revolving six-digit code. You should not require this code as you have chosen to receive notifications.

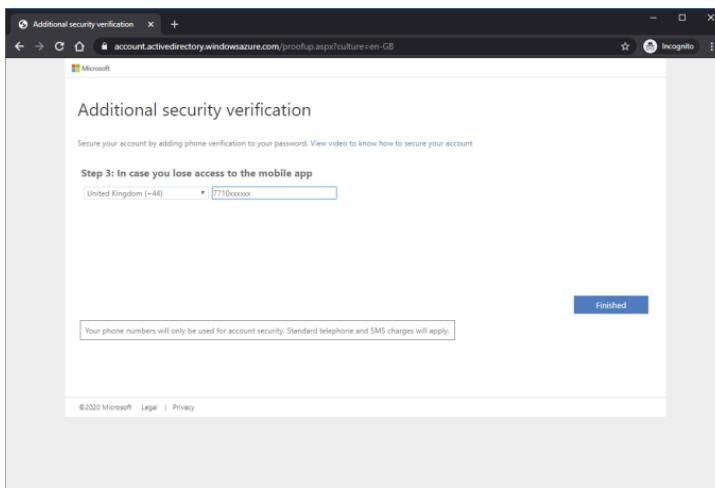
If you are still seeing the QR code on your screen on your PC/Laptop, click **Next**



MFA will now be tested to ensure you are able to successfully receive sign-in requests. A notification should pop up on your mobile device.

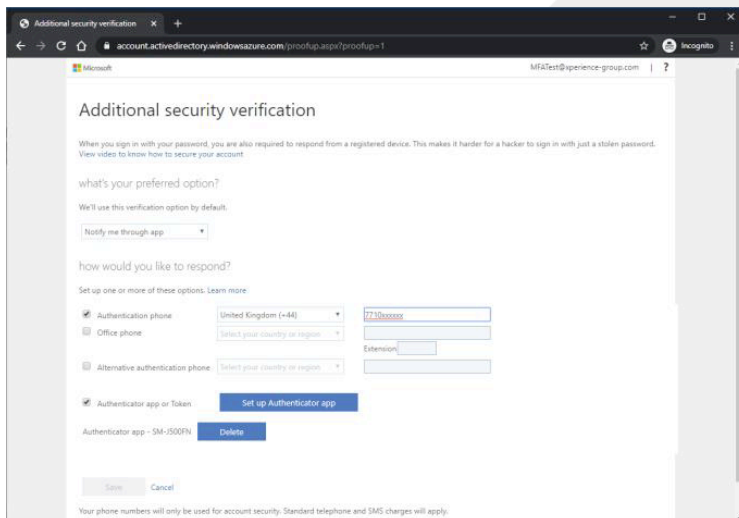


Please choose **Approve** to proceed.



On your PC/Laptop, you should be prompted to enter a mobile number which can be used to receive SMS messages should you lose access to the Authenticator app, please enter a mobile number and click **Finish** to complete the MFA setup.

Once you see the Additional security verification settings/summary screen you can close your browser.



The screenshot shows the 'Additional security verification' page in a web browser. The page title is 'Additional security verification' and the URL is 'account.activedirectory.windowsazure.com/proofup.aspx?proofup=1'. The page content includes a heading 'Additional security verification', a subheading 'When you sign in with your password, you are also required to respond from a registered device. This makes it harder for a hacker to sign in with just a stolen password.', and a section 'what's your preferred option?' with a dropdown menu set to 'Notify me through app'. Below this is a section 'how would you like to respond?' with a subheading 'Set up one or more of these options. Learn more'. There are three options: 'Authentication phone' (selected), 'Office phone', and 'Alternative authentication phone'. The 'Authentication phone' option has a dropdown for 'United Kingdom (+44)', a text input for '7700000000', and a text input for 'Extension'. The 'Office phone' option has a dropdown for 'Select your country or region' and a text input for 'Extension'. The 'Alternative authentication phone' option has a dropdown for 'Select your country or region' and a text input for 'Extension'. There is a checkbox for 'Authenticator app or Token' which is checked, and a button 'Set up Authenticator app'. Below this is a list of 'Authenticator app - 0M-0500FN' with a 'Delete' button. At the bottom are 'Save' and 'Cancel' buttons. A footer note states 'Your phone numbers will only be used for account security. Standard telephone and SMS charges will apply.'