



## Setting Up WinAuth on a Windows Device

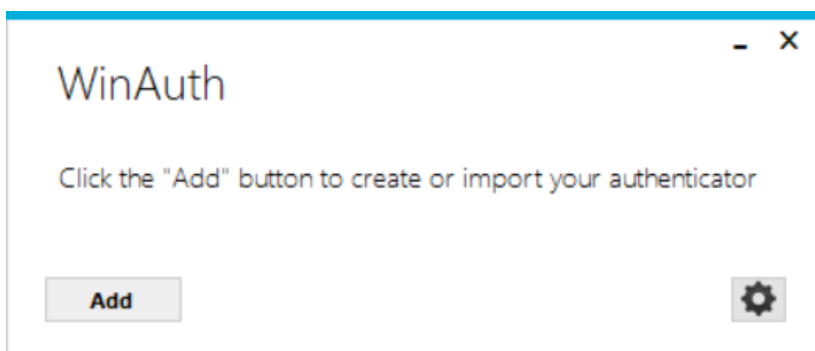
WinAuth is a portable, open-source Authenticator for Windows. You can use WinAuth for authentication to the Virtual Desktop and VPN service. Please note that WinAuth does not work with Remote Desktop Gateway (*i.e. to a PC on-campus*).

### Step 1 - Install and open WinAuth app

Download and install the app from GitHub: <https://winauth.github.io/winauth/index.html>

Remember it is a portable app, so make sure you save the app in a safe place.

When opening the app for the first time, it displays a prompt to add a new authenticator.




Click '**Add**'



From the drop-down list, select '**Microsoft**'

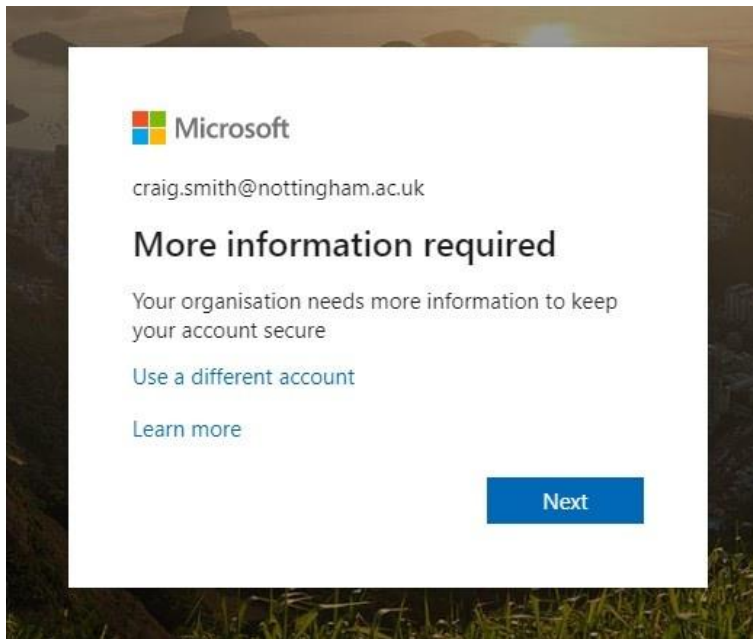
## Step 2 - Configure Multi-Factor Authentication

Visit the [MFA configuration page here](#). Log in using your University **email address and password**. This will take you directly to the '**Additional security verification**' webpage.

 Unknown macro: 'auibutton'

If you haven't set up MFA previously, you be prompted to enter additional information.

Click on '**Next**'



You will be asked '**How should we contact you?**' Select '**Mobile App**' from the drop down menu, and check the option for '**Use verification code**'

**Step 1: How should we contact you?**

Mobile app ▼

How do you want to use the mobile app?

☒ Receive notifications for verification

☐ Use verification code

To use these verification methods, you must set up the Microsoft Authenticator app.

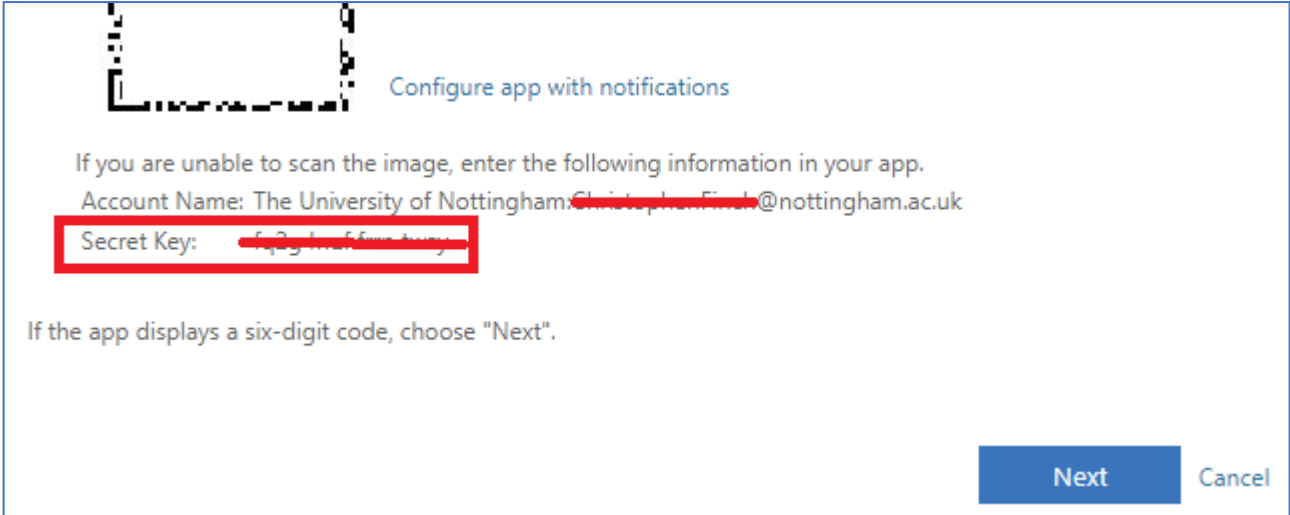
**Set up** Mobile app has been configured.

Click on the '**Set up**' button. The Configure mobile app screen will appear.

Now click the '**Configure App without notifications**' link (next to the QR Code)



Copy the **Secret Key** (aaaa bbbb cccc dddd) under the QR code.



Configure app with notifications

If you are unable to scan the image, enter the following information in your app.

Account Name: The University of Nottingham:Christopher.Finck@nottingham.ac.uk

Secret Key: f42gknd5fme4uyg

If the app displays a six-digit code, choose "Next".

Next Cancel

In the WinAuth app, paste or enter the Secret Key here:

Microsoft Authenticator

Name:

Microsoft

Icon:

☒
☐
☐
☐

1. Login into your Microsoft account at [account.live.com](https://account.live.com).
2. Click the Security Info option.
3. Click "Set up two-step verification". If you don't see it, you must first verify an alternative email address.
4. Click Next.
5. Select the Authenticator App. You could also download Microsoft's Authenticator app onto your smartphone so you can set it up on both.
6. Click "I can't see the bar code" underneath the QR code image.
7. Enter the Secret Key in the field below:

8.

Verify Authenticator

9. Enter the following code to verify it is working.

☐ Allow copy?

10. IMPORTANT: Write down you Secret Code and store it somewhere safe and secure. You will need it if you ever need to restore your authenticator.

OK

Cancel

Click '**Verify Authenticator**'. A six-digit code will appear under step 9. on the app:

9. Enter the following code to verify it is working.

766 766

☐ Allow copy?

Back on the on the Configure mobile app screen, click '**Next**'

If the app displays a six-digit code, choose "Next".

Next

Cancel

Now click '**Verify now**'

## Verification required

You've configured a new app to use verification codes. We need to verify it before saving your settings.

Verify now

Cancel

Next enter the six-digit code shown on the WinAuth app into the Verifying app screen and click '**Verify**'

## Verifying app

Enter the verification code displayed on your app

Verify

Cancel

Once verified, click '**OK**' on the WinAuth app.

Lastly, enter an app password to secure the app on your computer:

Protection

Select how you would like to protect your authenticators. Using a password is strongly recommended, otherwise your data could be read and stolen by malware running on your computer.

☒ Protect with my own password

Your authenticators will be encrypted using your own password and you will need to enter your password to open WinAuth. Your authenticators will be inaccessible if you forget your password and you do not have a backup.

Password

Verify

Additionally, you can protect and encrypt your data using the built-in Windows account encryption. This will lock your authenticators to this computer or user so they cannot be opened even if the files are copied. You MUST turn this off if you are going to reformat your disk, re-install Windows or delete this user account.

☐ Encrypt to only be useable on this computer

☐ And only by the current user on this computer

☐ Lock with a YubiKey

Your YubiKey must support Challenge-Response using HMAC-SHA1 in one of its slots. Use the YubiKey personalization tool to configure the slot or click the Configure Slot button.

Slot 1

Use Slot

Configure Slot

OK

Cancel

Once finished, click '**OK**'. You will now see codes in the app that can be used for code verification with Microsoft services.

Now **Sign out** of the Additional security verification screen by clicking on the email address in the top right-hand corner.