

# Learning Objectives

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Today we are going to learn the following topics:

- How to integrate Okta with Active Directory
  - How to integrate Office 365 with Okta
  - How to automatically on and offboard employees
  - How to customize complex identity requirements with Okta Workflows
  - How to ensure the right people have the right access to the right resources with the least amount of friction
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## Workshop structure

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This workshop is broken into the sections listed below.

- **Platform Review and Preparation**
  - **Identity Sources**
    - Integrate Active Directory
  - **Integration Applications for secure Single-Sign-On and Lifecycle management**
    - Office 365
  - **Security Policies**
    - Okta FastPass
    - Device Assurance
    - Okta ThreatInsight
  - **Okta Workflows**
    - Learn how to automate identity processes
    - Extend the onboarding experience
  - **Okta Identity Governance (OIG)**
    - Prepare your Environment
    - Access Requests
    - Access Certifications
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## Prerequisites

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To ensure that the lab works properly and to access to Okta tenant, you will need to install Okta Verify on one of your mobile device.



**Okta Verify is available for free at**



**Google Store** : <https://play.google.com/store/apps/details?id=com.okta.android.auth&hl=en&gl=US>

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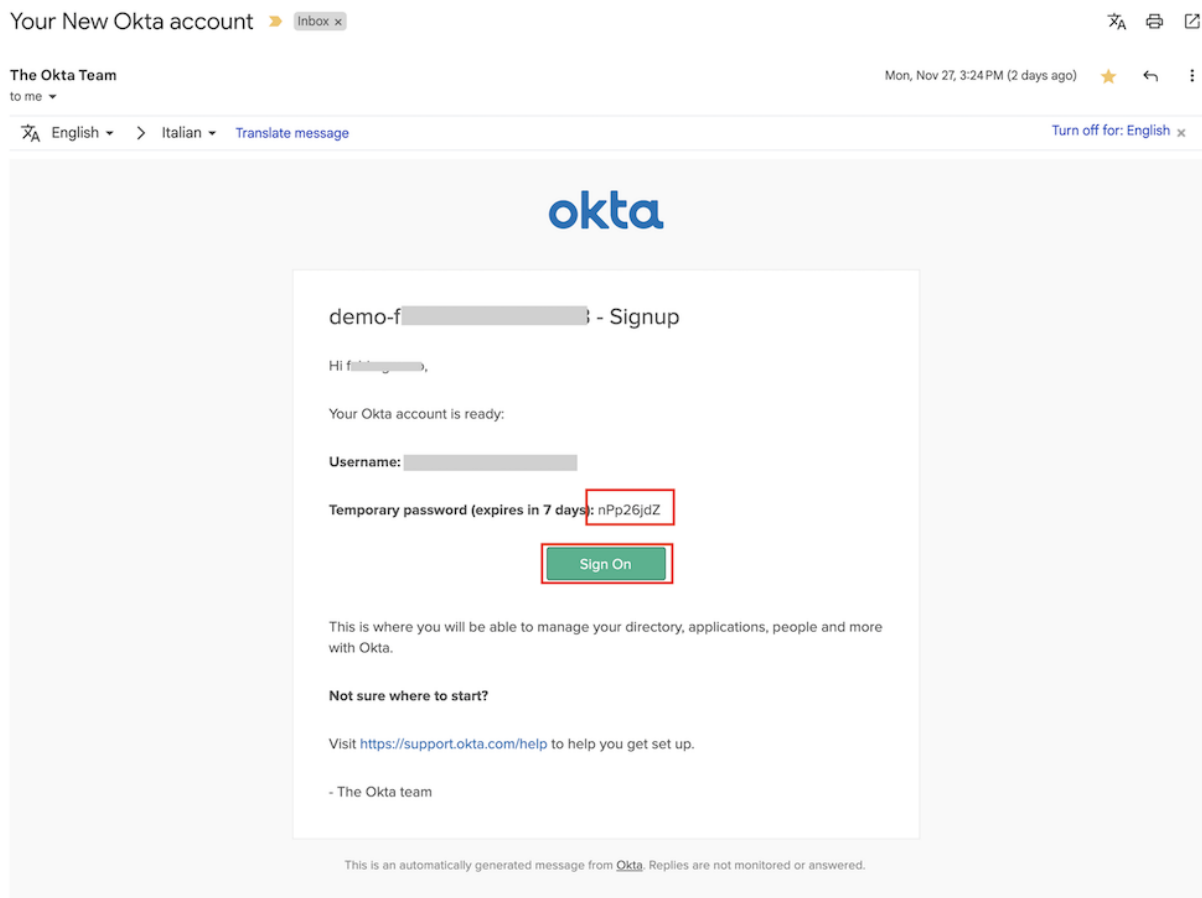
Okta Verify is available for free at



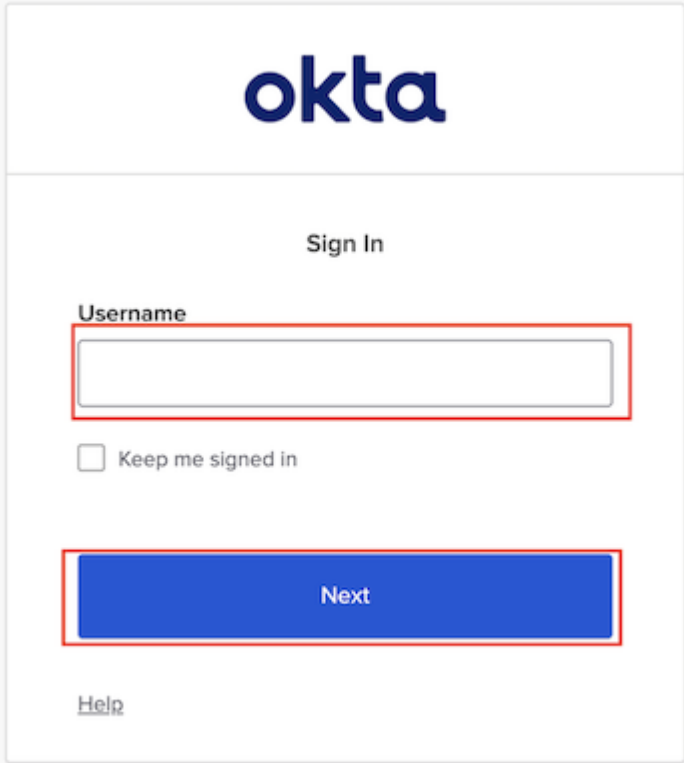
**Apple Store** : <https://apps.apple.com/fr/app/okta-verify/id490179405>

## Activate your Okta tenant

1. Open the welcome email (*Your New Okta account*). Take note of the *temporary password* and click on **Sign On**

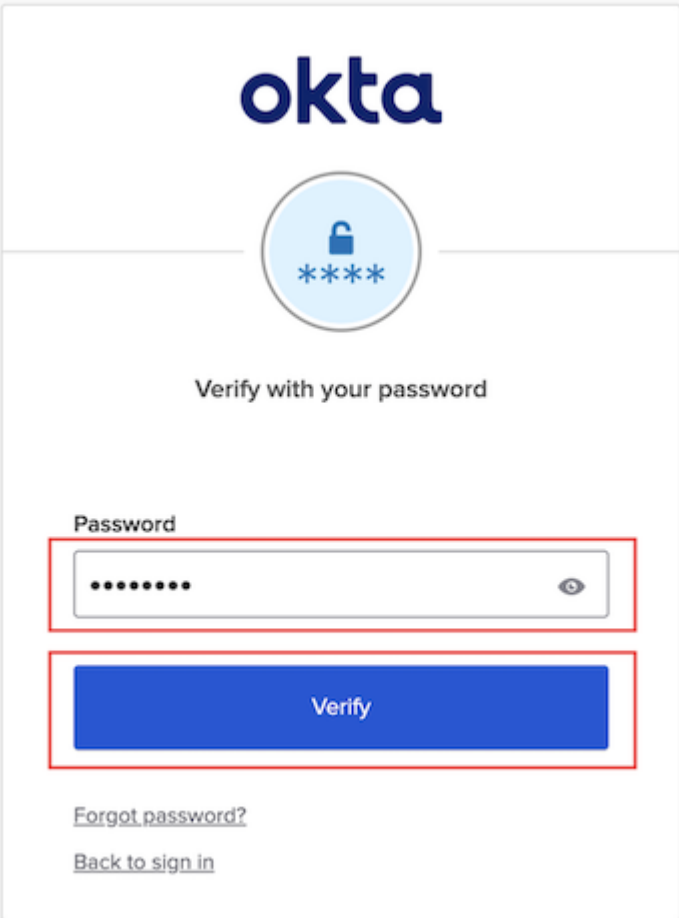


2. Enter your email address as username and click **Next**



The image shows the Okta Sign In page. At the top is the Okta logo. Below it is the text "Sign In". There is a "Username" label above a text input field. Below the input field is a checkbox labeled "Keep me signed in". Below that is a blue button labeled "Next". At the bottom left is a link labeled "Help". Red boxes highlight the "Username" input field and the "Next" button.

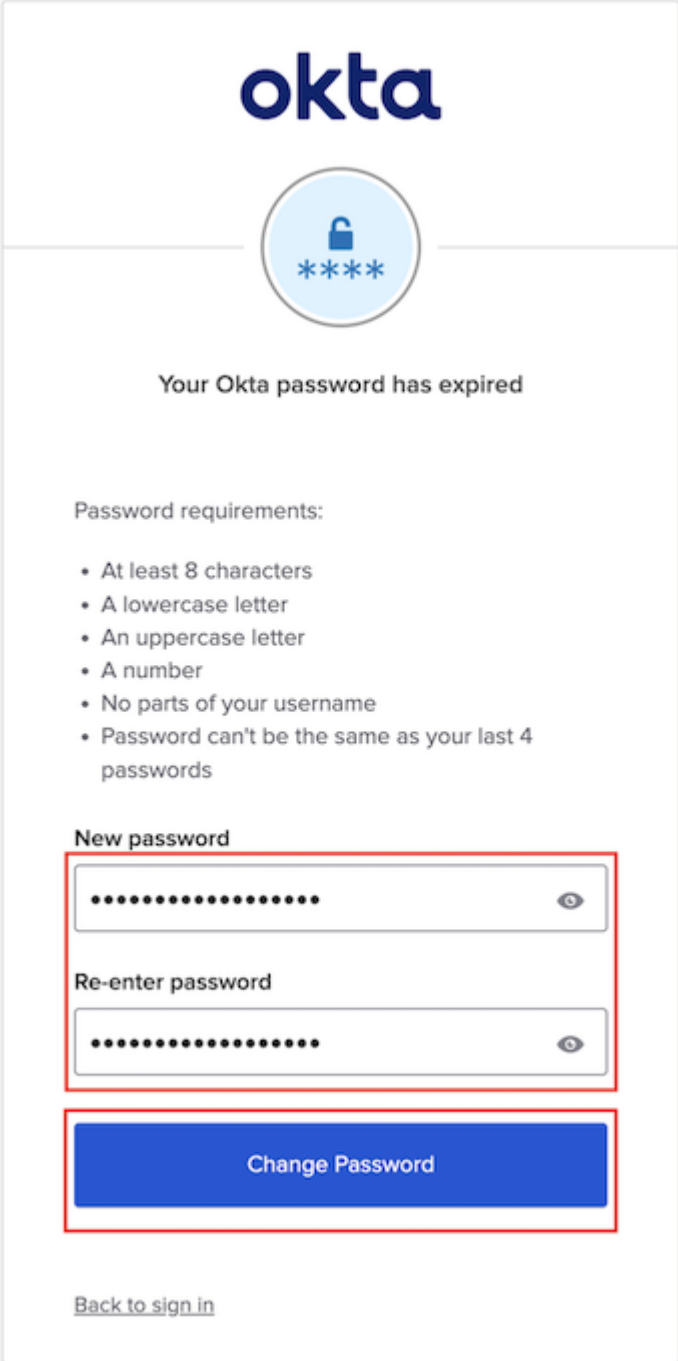
3. Enter the *temporary password* and click **Verify**



The image shows the Okta "Verify with your password" page. At the top is the Okta logo. Below it is a circular icon containing a padlock and the text "\*\*\*\*". Below the icon is the text "Verify with your password". There is a "Password" label above a text input field. The input field contains eight dots and has an eye icon on the right. Below the input field is a blue button labeled "Verify". At the bottom left are two links: "Forgot password?" and "Back to sign in". Red boxes highlight the "Password" input field and the "Verify" button.

4. Digit a new password and click **Change Password**

**Take note of this password as you will use it many times during this workshop!**



The image shows the Okta password expiration screen. At the top is the Okta logo. Below it is a circular icon with a lock and four asterisks. The text "Your Okta password has expired" is centered. Underneath, the "Password requirements:" section lists six bullet points. The "New password" and "Re-enter password" sections each have a text input field with a toggle icon. A blue "Change Password" button is at the bottom, and a "Back to sign in" link is at the very bottom. A red rectangular box highlights the two password input fields and the "Change Password" button.

okta

\*\*\*\*

Your Okta password has expired

Password requirements:

- At least 8 characters
- A lowercase letter
- An uppercase letter
- A number
- No parts of your username
- Password can't be the same as your last 4 passwords

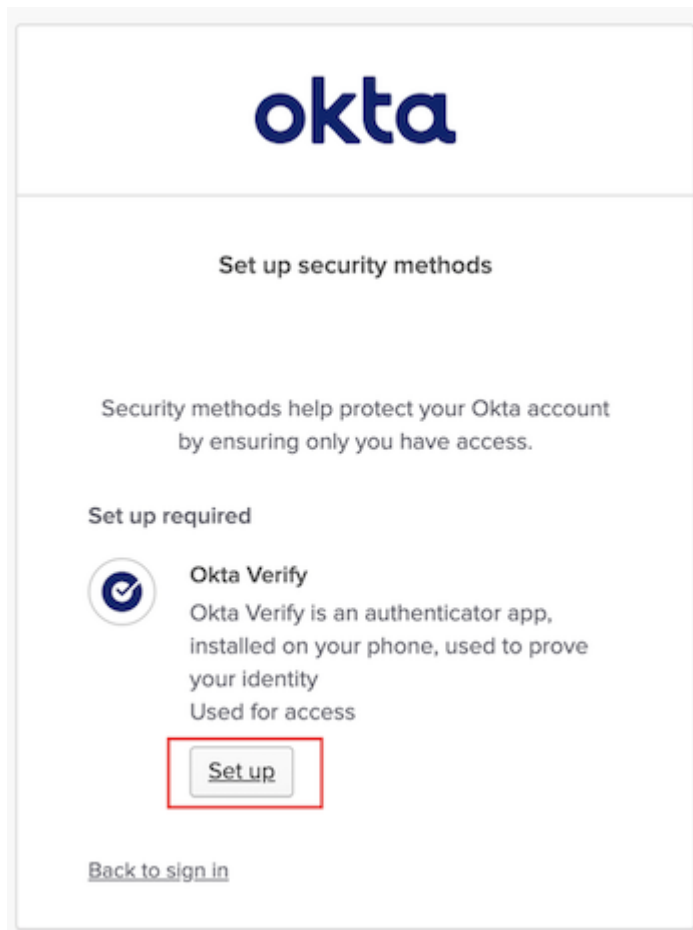
New password

Re-enter password

Change Password

[Back to sign in](#)

5. Click on **Set up** for start the enrollment of *MFA* with *Okta Verify*



6. Open **Okta Verify** on your mobile phone.

1. Tap **Add Account** (or the " + " on the top right corner )
2. Choose the type of account to add. Tap **Organization**.

Note:

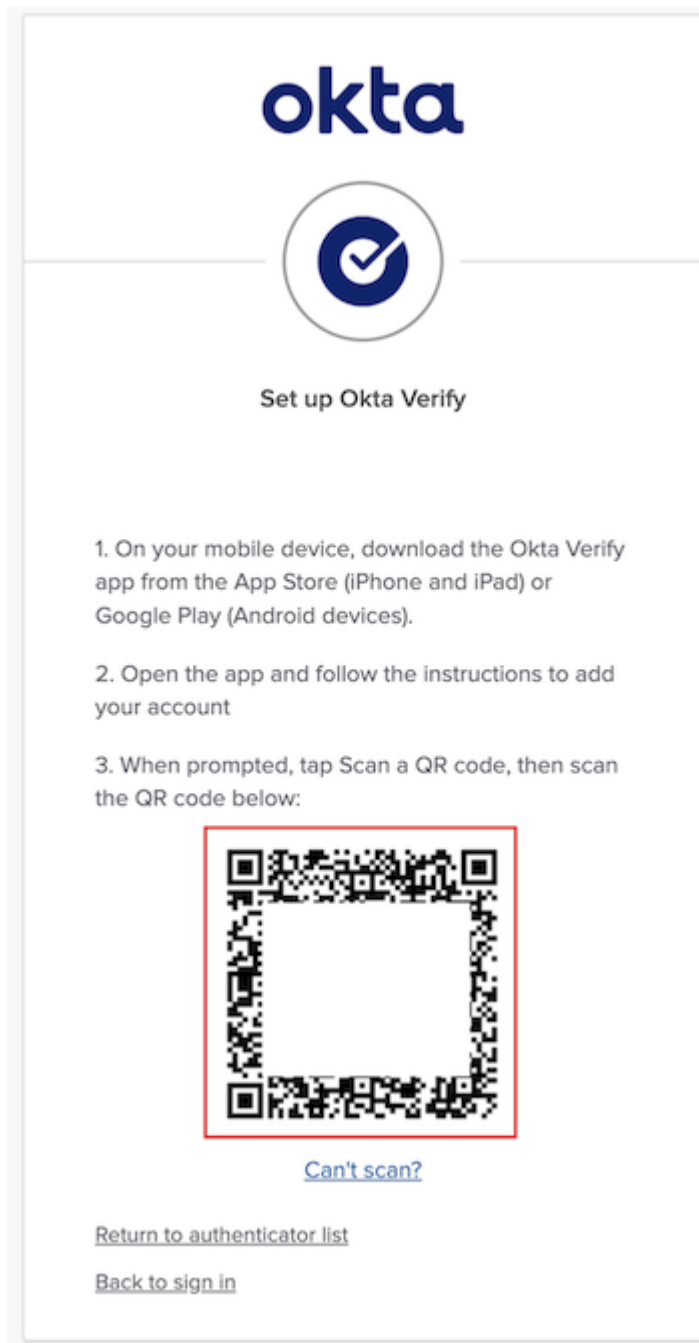
- *Organization*: Add a multifactor authentication (MFA) account for your work, school, or business that uses Okta as an authentication provider.
- *Other*: Use Okta Verify to generate one-time passwords for your personal account such as a bank or brokerage account.

You can use Okta Verify for generate OTP Password, with support for TOTP, Google Authenticator, etc.

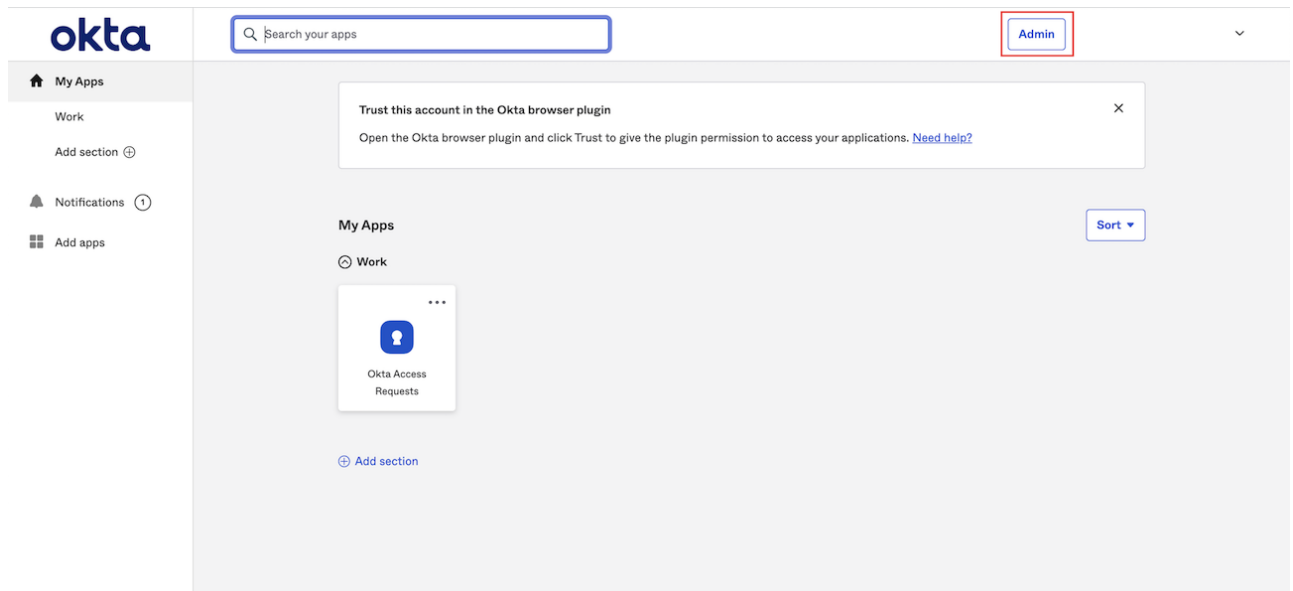
3. Choose **Skip** at the *Add Account from Another Device* prompt
4. Tap **Yes, Ready to Scan**, and point your camera at the QR code displayed in the browser

If you don't know how to obtain the QR code, tap Where do I get my QR code?

If you can't scan the QR code, tap No, Sign In Instead. Follow the instructions in Set up Okta Verify on your iOS device by using your sign-in URL.

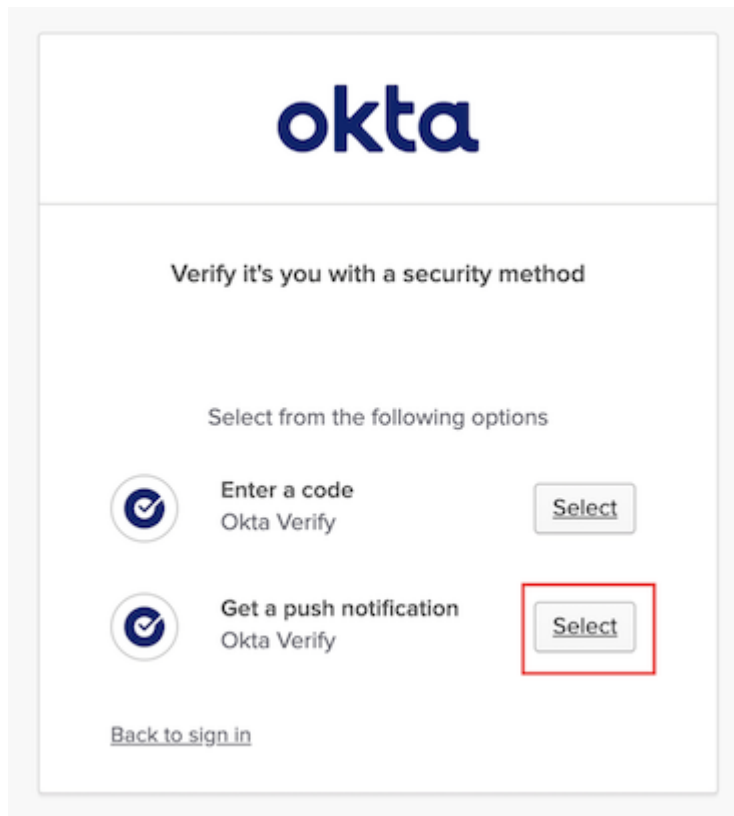


5. If prompted, **allow push notifications** on your device so that you can approve future sign-in notifications without opening the Okta Verify app.
6. If prompted, enable Face ID or Touch ID. Tap **Enable**.
7. Tap **Done** to complete the account enrollment.
7. You should see the *Okta Dashboard*. Click on **Admin** in the top-right corner



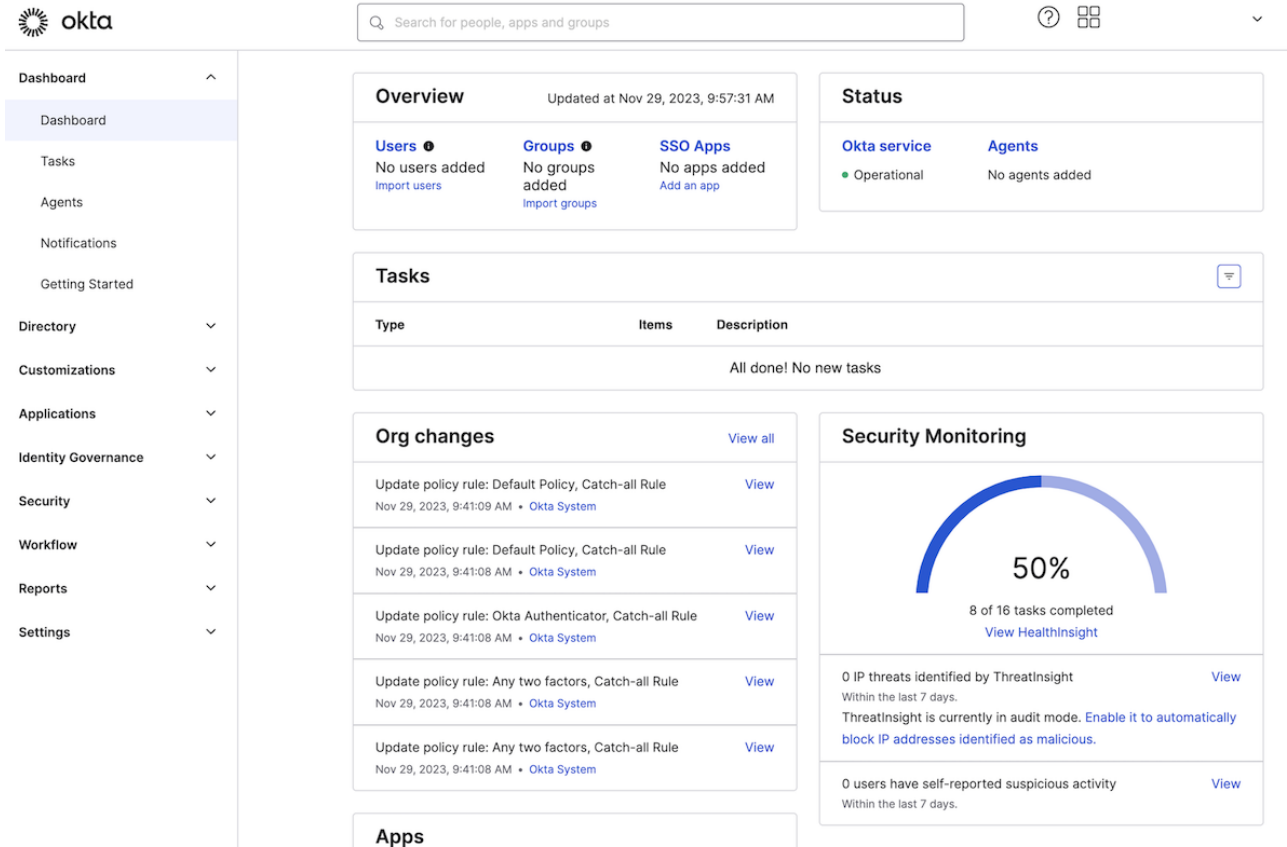
8. Click **Select** on the right of **Get a push notification**.

Complete the MFA challenge on your phone.



Note: since the access to the Admin Dashboard is an high privilege operation, the default policy require an MFA authentication. Even if you can change this behaviour, we warmly suggest to use the highest level of security policy for the Admin access.

9. You will land on the **Admin Dashboard**



# Register for a Microsoft account

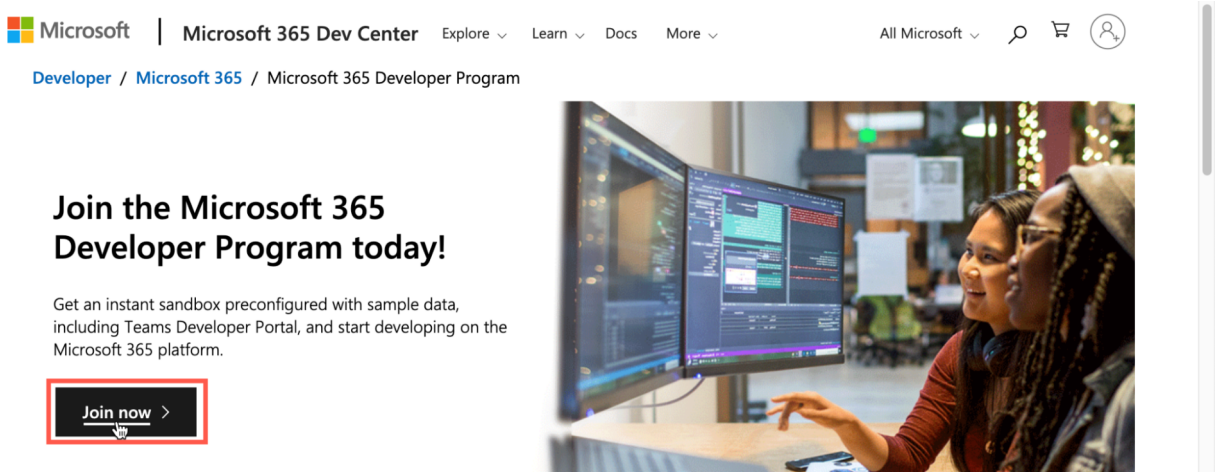
In this section you will register for a Microsoft account. If you already have an existing account you can skip this section but it is probably better to create a dedicated account for use with your Okta demo environment.

In this guide, we will use a new *outlook.com* email address. You might prefer to sign up with your Okta email address or even use an existing personal Microsoft account.

Note: At the end of this section you will have to wait up to one hour for your name to propagate to the developer site. You can continue with the rest of the lab (Active Directory) in the meantime.

- 1. Open a browser and navigate to: <https://developer.microsoft.com/en-us/microsoft-365/dev-program>

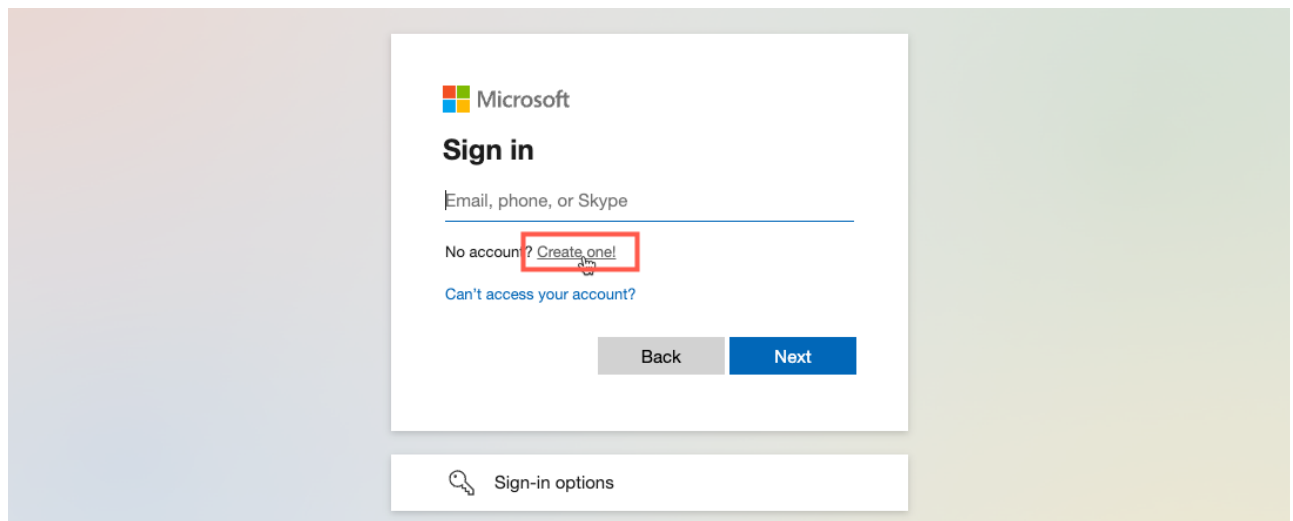
You'll see the following page:



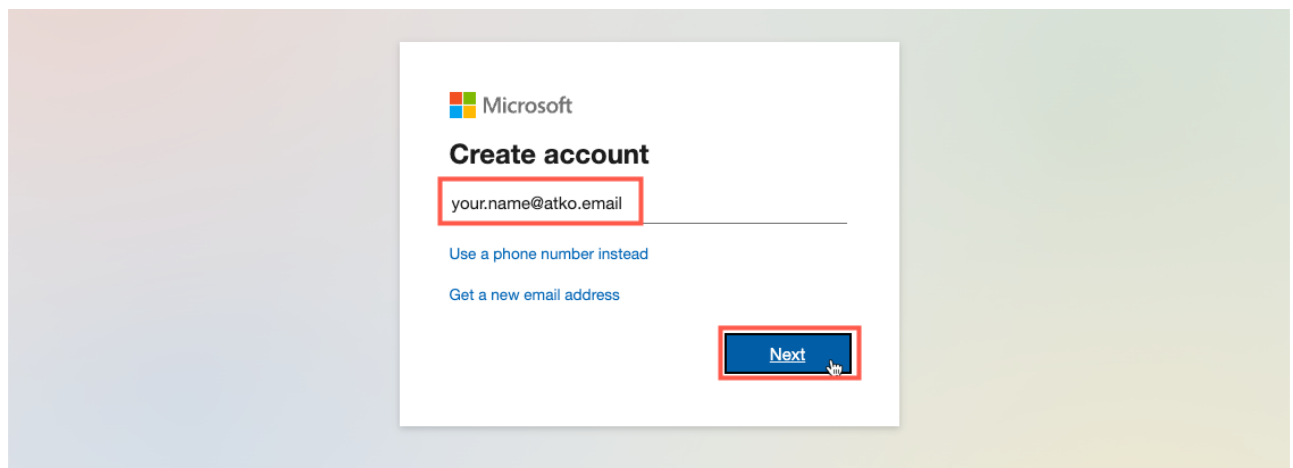


2. Click **Join now**.

The login page is displayed:

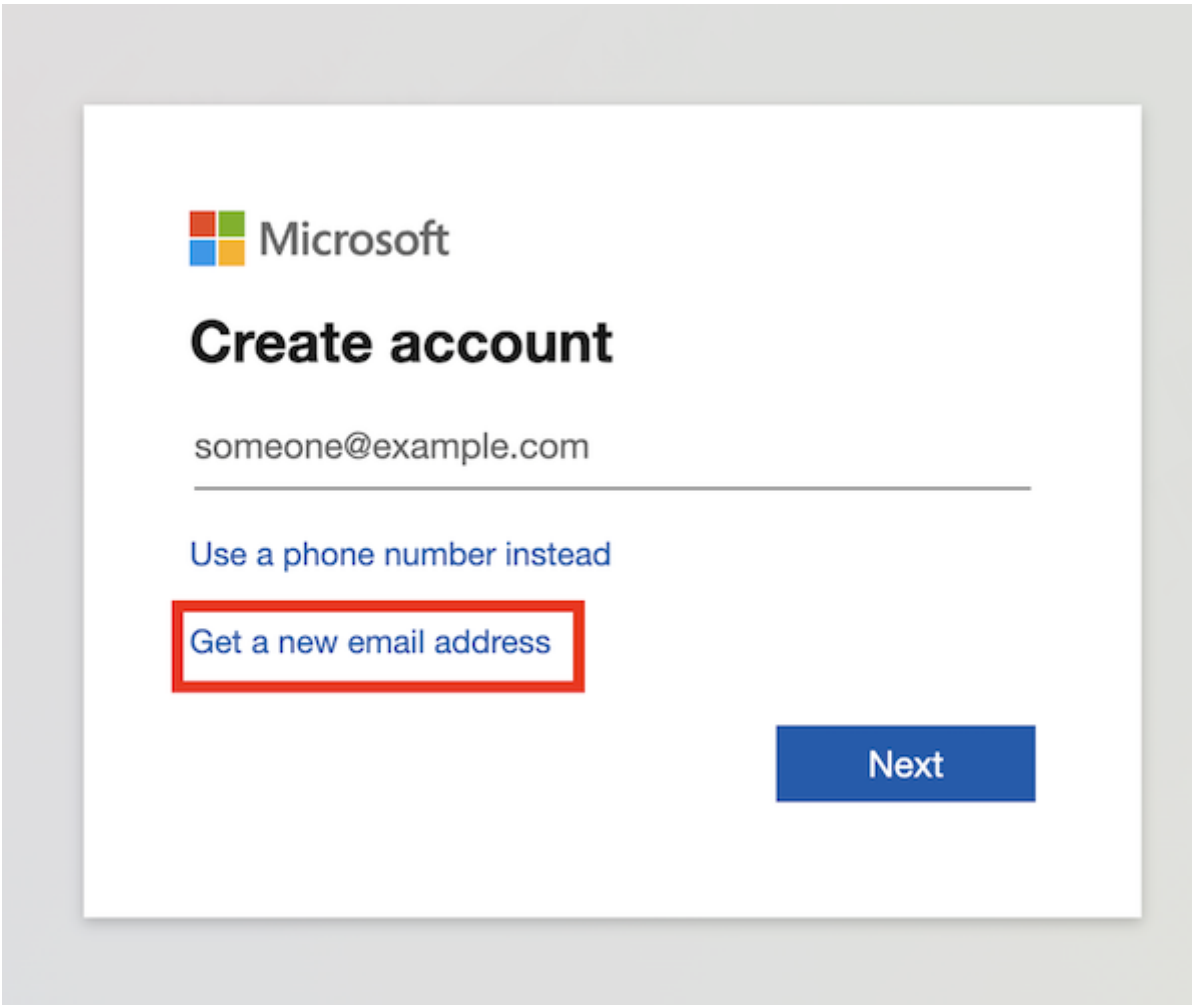


3. Click **Create one**



4. Enter the email address you want to associate with your developer account. You can use your email address or you can generate a new email address:

1. Click on "Get a new email address"

A screenshot of the Microsoft account creation page. At the top is the Microsoft logo. Below it is the heading "Create account". Underneath is a text input field containing "someone@example.com". Below the input field is a link that says "Use a phone number instead". Below that is a link "Get a new email address" which is highlighted with a red rectangular border. To the right of this link is a blue button with the word "Next" in white text.

Microsoft

## Create account

someone@example.com

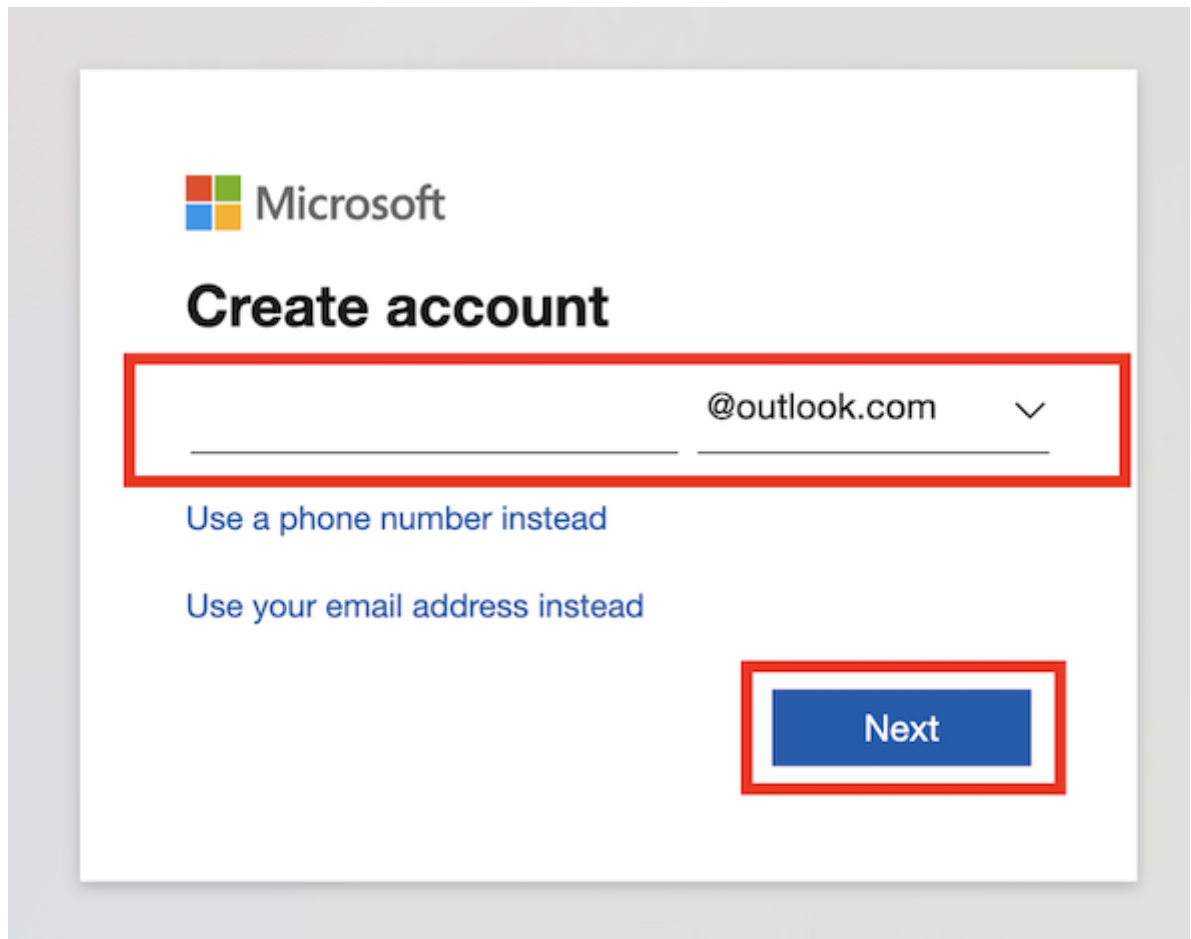
[Use a phone number instead](#)

[Get a new email address](#)

Next

2. Register for a new email address. Use as name convention `wiclabNAMESURNAME`. So your email will be `wiclabNAMESURNAME@outlook.com`.

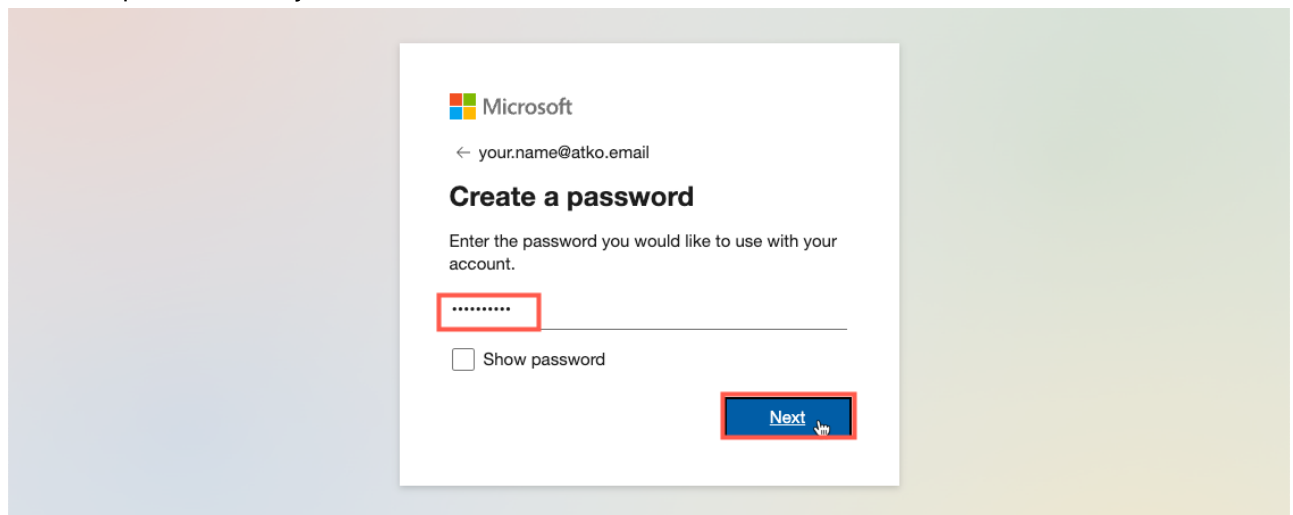
**Remember to save the password in a secure place, as you will need it later.**



The image shows the Microsoft 'Create account' screen. At the top is the Microsoft logo. Below it is the heading 'Create account'. A red rectangular box highlights the email input field, which contains the text '@outlook.com' and a dropdown arrow. Below the input field are two links: 'Use a phone number instead' and 'Use your email address instead'. At the bottom right, a blue 'Next' button is highlighted with a red rectangular box.

5. Click **Next**

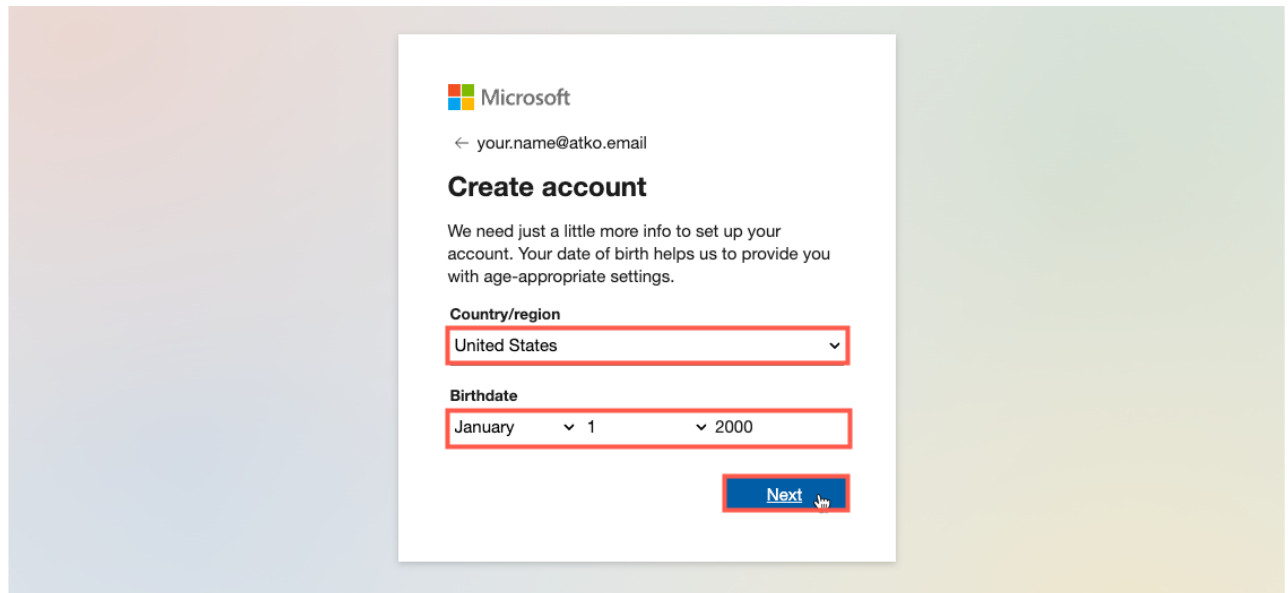
6. Create a password for your new account.



The image shows the Microsoft 'Create a password' screen. At the top is the Microsoft logo. Below it is the text '← your.name@atko.email'. The heading 'Create a password' is followed by the instruction 'Enter the password you would like to use with your account.' A red rectangular box highlights the password input field, which contains a series of dots. Below the input field is a checkbox labeled 'Show password'. At the bottom right, a blue 'Next' button with a mouse cursor icon is highlighted with a red rectangular box.

7. Click **Next**

8. Set your Country/region and Birthdate.



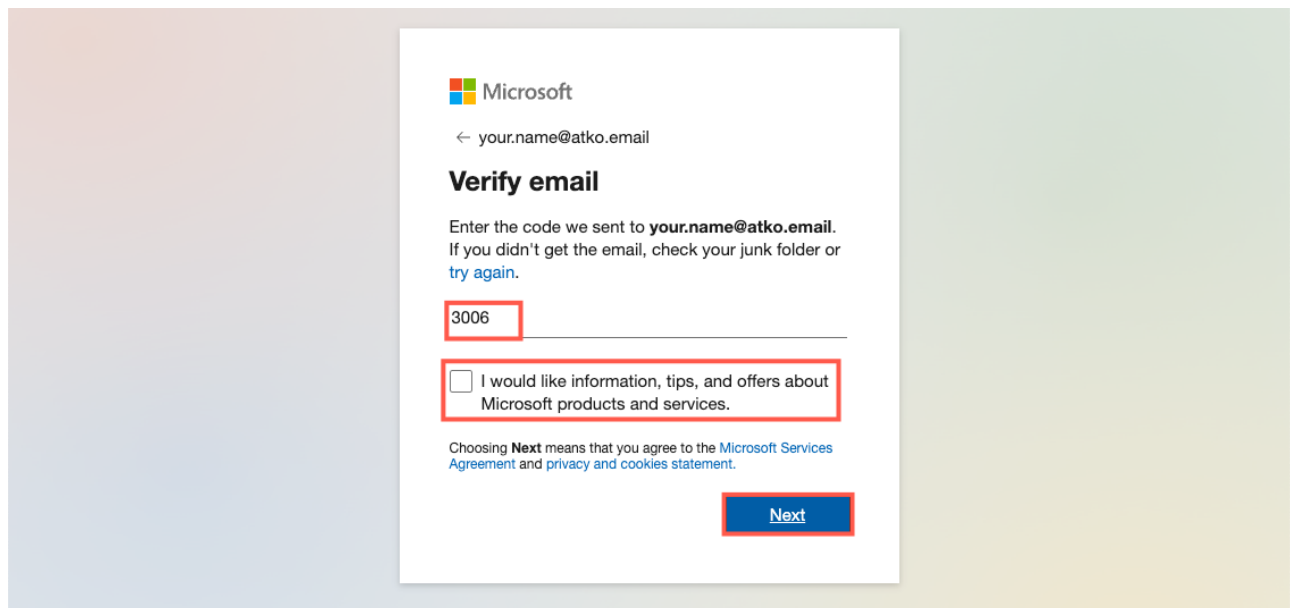
The screenshot shows the Microsoft account creation page. At the top, the Microsoft logo is followed by the email address "your.name@atko.email". The heading "Create account" is displayed. Below it, a message states: "We need just a little more info to set up your account. Your date of birth helps us to provide you with age-appropriate settings." There are two input fields: "Country/region" with a dropdown menu showing "United States", and "Birthdate" with two dropdown menus showing "January" and "2000". A blue "Next" button with a right arrow is at the bottom right.

9. Click **Next**.

10. A validation code is sent to your email address and a challenge page is displayed

Retrieve the code sent to your email address and enter it on the verification page.

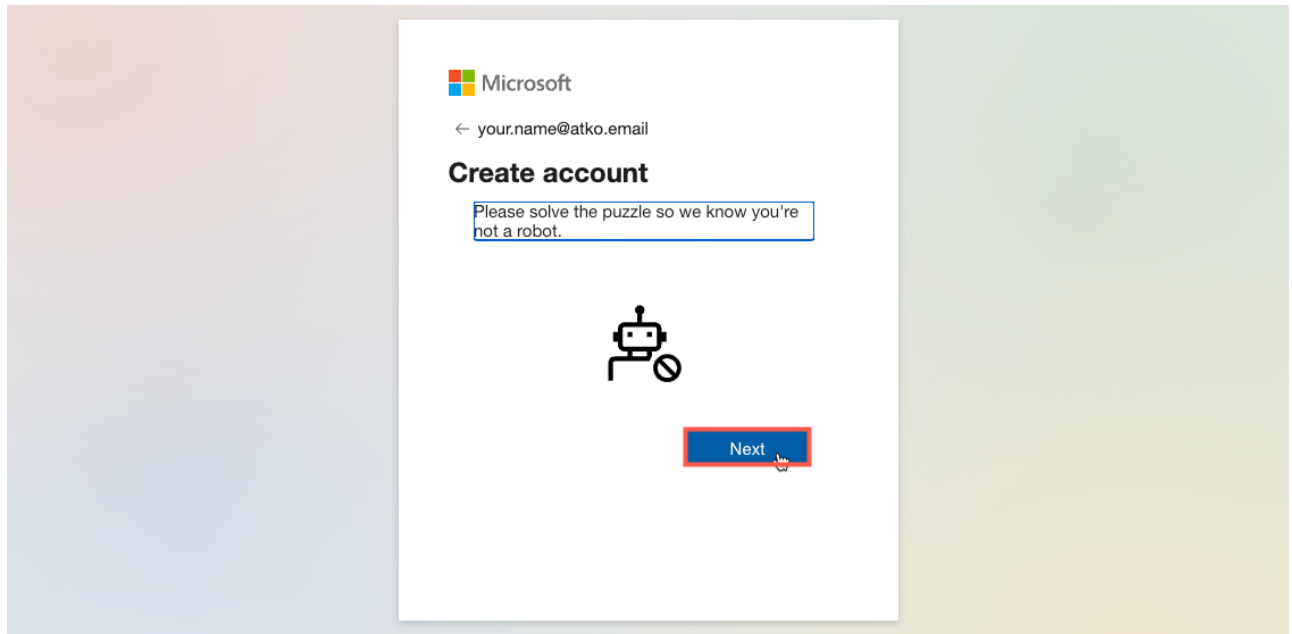
Clear the check-box so that you don't get additional emails.



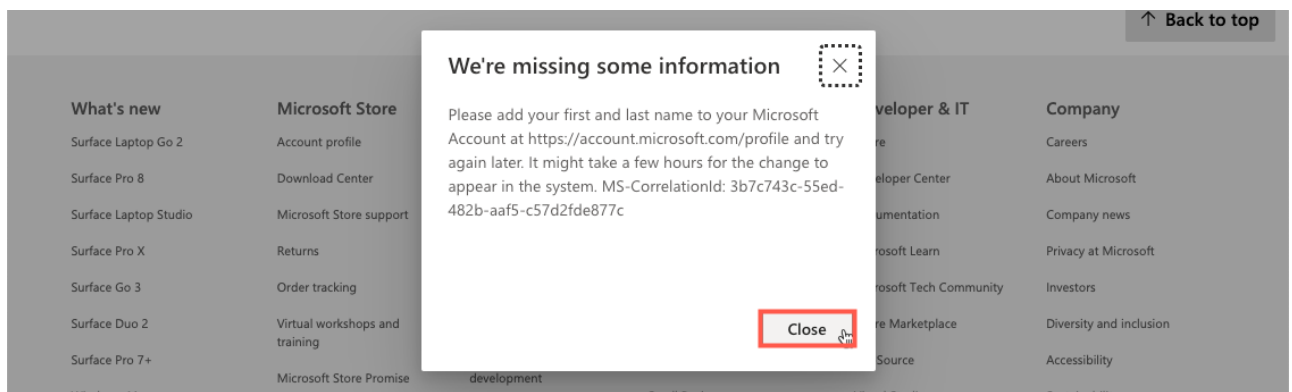
The screenshot shows the Microsoft account verification page. At the top, the Microsoft logo is followed by the email address "your.name@atko.email". The heading "Verify email" is displayed. Below it, a message states: "Enter the code we sent to **your.name@atko.email**. If you didn't get the email, check your junk folder or [try again](#)." There is a text input field containing the code "3006". Below the input field is a checkbox with the text "I would like information, tips, and offers about Microsoft products and services." A blue "Next" button with a right arrow is at the bottom right. At the very bottom, there is a small line of text: "Choosing **Next** means that you agree to the [Microsoft Services Agreement](#) and [privacy and cookies statement](#)."

11. Click **Next**.

12. Click **Next** and complete the "I am not a robot" checks.



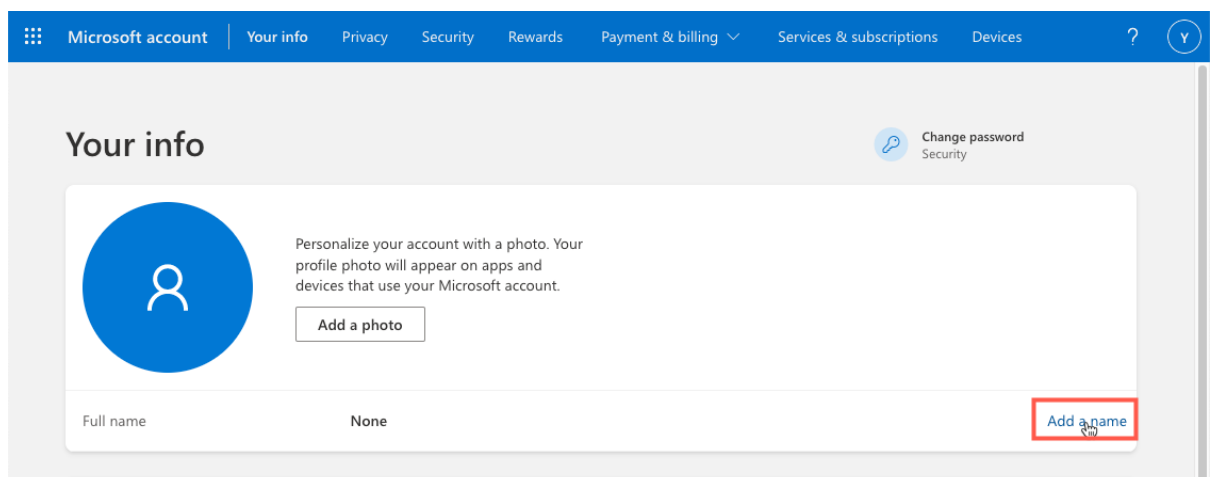
At the end of these checks you may see the following error message:



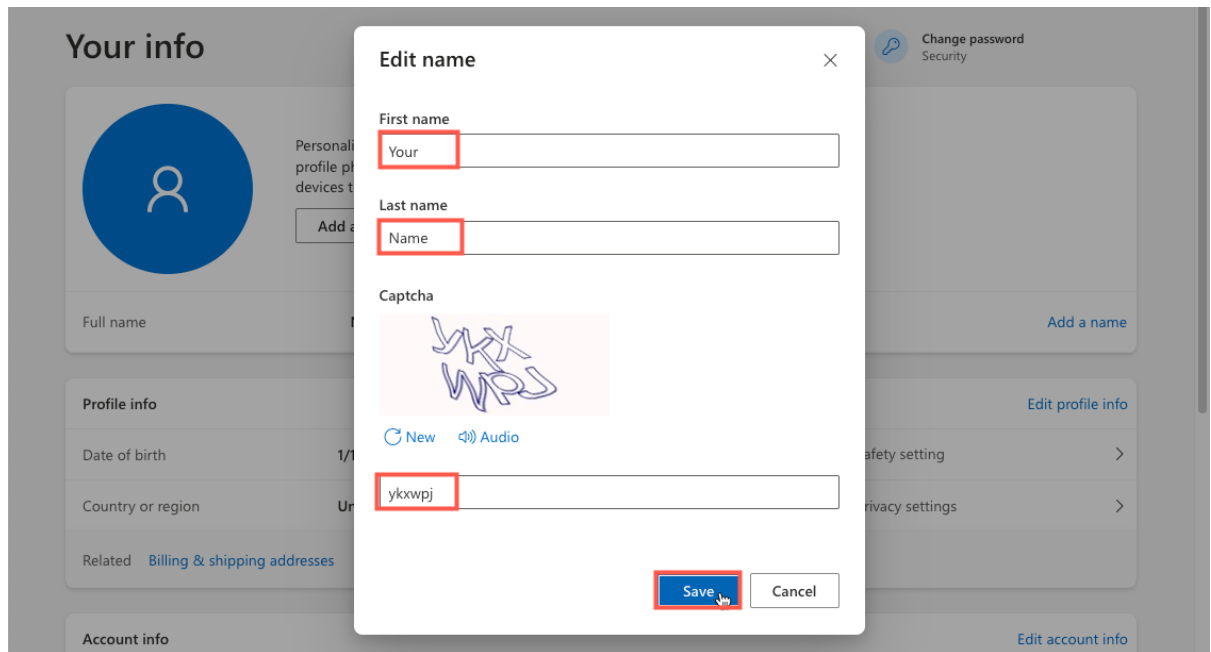
This message is seen because you have not entered your name as part of account creation and this is needed before you can join the developer program.

1. Click Close.

You are taken to the profile page:



2. Click Add a name.



3. Enter your First name and Last name.

4. Complete the Captcha and click **Save**.

Your account has now been created, and your name set in your Microsoft profile. However, you will have to wait up to an hour for your name to propagate to the developer site so that you can join the developer program.

You can continue with the rest of the lab (Active Directory) in the meantime.