

# Authentication

Sally A.M. Hogenboom

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## Setup

```
library(yOUREmail)
library(tidyverse)
library(magrittr)

# Authenticate & get Outlook Environment
outlook <- Microsoft365R::get_business_outlook()
```

## Goal

Create a successful connection to the outlook environment. This connection allows us to read/write/send emails from an (automated) R script.

## Requirements

- Login credentials for our business outlook
- An active browser (e.g., Microsoft Edge)
- A Windows Computer
- `install.packages("httpuv")`

## Execution

```
# Authenticate & get Outlook Environment
outlook <- Microsoft365R::get_business_outlook()
```

Loading Microsoft Graph login for default tenant

## Expected Behavior

Upon first login this code prompts a manual login process via the browser. Working with Windows/Microsoft Edge allows for our login credentials to be saved (automatically). Therefore, upon subsequent authentication the credentials will be updated (see message output in code above).

## Development To Do's

1. It is highly plausible that this workflow only works with a `Windows x Microsoft Edge` combination. Workarounds for unattended scripts (i.e., no manual steps) are available via a [Microsoft365R vignette](#).
2. I have not been able to implement a test for an unsuccessful authentication process (see `test-authentication.R`).
3. Workflow also works for `Mac x DuckDuckGo` combination.