

Setting up accounts on mail.ubi.edu

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Introduction

mail.ubi.edu is a sophisticated, stand-alone mail server hosted in a datacenter in France, under European Union data protection and privacy laws. The server, and the email transiting through it, are completely private. All metadata, the logs recording who sent what to whom, are strictly local on the server. This means that your email cannot be routinely scanned and examined by a corporation and/or government agency. To get at your email and metadata, the server would have to be cracked by an adversary specifically targeting you.

For you as a user, this means that you have access to an IMAP (Internet Message Access Protocol) server, which holds the master copy of your mailbox. You can view these mail messages using different devices, and you should be able to see all your mail, sent and received, sorted into any folders you may create.

Think of this scenario: you sort, delete, and reply to most of your mail when you're sitting in front of your MacBook with a full keyboard. Then you're on the road, and you see your new messages on your iPhone. Finally, you're using a friend's or colleague's PC and want to check your mail: just log into <https://mail.ubi.edu> and you can read, sort, and reply to your mail with a full keyboard, but installing nothing. With IMAP, everything you do on any of these devices will be reflected in all the others.

The server also sends your email, as an outgoing SMTP (Simple Mail Transport Protocol) server after verifying that you have a valid account and password, to avoid sending spam.

Your credentials

You may have received your account info, with an email address and a password. In this example, we'll be using the unlikely-named Professor Essor, also known as (a.k.a.) prof.essor@ubi.edu as the user name, and the appropriate password.

Please note that you must use the full email address as your username (i.e. prof.essor@ubi.edu not just `prof.essor`). Also the mail server host name is **always** `mail.ubi.edu` no matter what your address is (`@ubi.edu`). It is **never** a longer or different host name (i.e. NOT `smtp.mail.ubi.edu` or `imap.ubi.edu` or `www.ubi.edu`).

There's another important feature in the `@ubi.edu` email system: your **master email address**. This is your private email address (like `prof.essor@gmail.com`), to which the email account info email should have been sent, and the address which will receive password reset requests. This is important to understand: if Professor Essor wants to reset his `prof.essor@ubi.edu` account, the reset password link will be sent by email to Professor Essor's master email address, i.e. `prof.essor@gmail.com`.

If you're having problems with your account that you can't fix using the information in this document, please contact email-admin@ubi.edu for your address and password. Your email **MUST** include your full first and last names, and your master email address, to which all account info and password reset requests will be sent.

Activating your account

Your `@ubi.edu` account is ready to use, once you've set it up. If you've received a password, you can try to use that password, and if it doesn't work, then you reset your password as described below. Then you must log in, preferably first using the Roundcube Webmail application. Finally, once you're sure your username and password are correct, you can set up your account on any device you want. Descriptions of how to set up your account on MacOS, Windows with Outlook, and iOS can be found below.

Resetting your password

If you don't know your current password, and can't connect to your account, you can reset your account. Don't forget that if you have some of your devices working properly and you reset your password, they will stop working. So maybe it's worthwhile to see if you can't find that particular password before resetting it.

The direct link is <https://mail.ubi.edu/postfixadmin/users/password-recover.php>



On the main menu of <https://mail.ubi.edu>

Click reset your email password



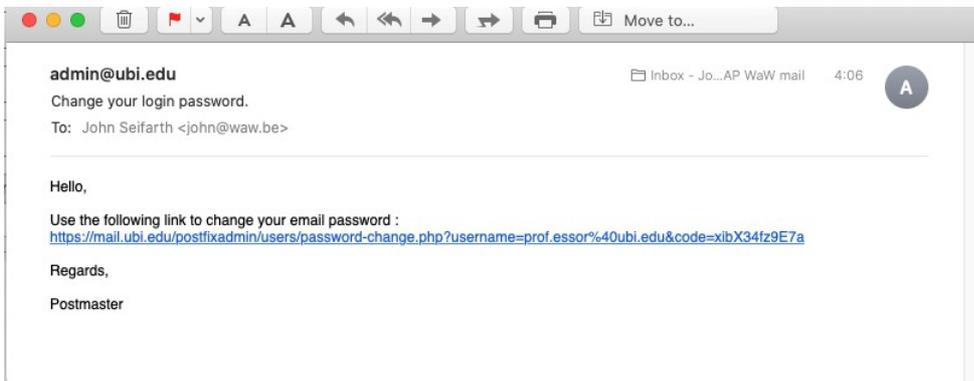
Follow the instructions to reset your password.

Login (email):

Postfix Admin 3.2 | Check for update | Logged in as prof.essor@ubi.edu | Return to mail.ubi.edu

Enter the @ubi.edu email address you want to reset, then click Send me the code. **Be careful to enter your @ubi.edu email address only in lower case!** If you enter, for example, Prof.Essor@UBI.edu, you will **NOT** receive a password email reset email on your **master email address**. Everything must be in lower case, like prof.essor@ubi.edu.

You'll receive an email like this on your **master email address**:



Click on the link to reset your password without knowing your current password.



Change your login password.

Login (email) :

Code sent by email/SMS :

New Password :

New Password (again) :

Postfix Admin 3.2 | Check for update | Logged in as prof.essor@ubi.edu | Return to mail.ubi.edu

You don't need the current password when you can use the code sent to your master email address.

Enter the new password and click Change Password



- Main
- Auto Response
- Change your forward
- Change Password
- Logout

The password for prof.essor@ubi.edu has been changed.

Confirmation that your email password has changed.

- Auto Response: Set an "out of office" message or auto responder for your mail.
- Change your forward: Change your email forwarding.
- Change Password: Change your current password.
- Logout: Logout from the system

@ubi.edu account information email

You may have received an account info email back in February, when most of the accounts were created. If you haven't, skip this section and just reset your password as described above.

@ubi.edu faculty account information

Confidential — contains password

Dear Faculty Member,

Welcome to your new @ubi.edu email address. For privacy reasons, this message containing your account password is being sent to this master email address only: prof.essor@gmail.com. In the future, the UBI secretariat can provide you with all this info, except your password. If you forget your password or want to change it, use the password reset link <https://mail.ubi.be/postfixadmin/users/password-recover.php>, enter your UBI email address prof.essor@ubi.edu and an email will be sent to your master email address prof.essor@gmail.com with a link to change your password.

Please note that nobody at UBI knows your password: it can only be reset by you, with an email sent to prof.essor@gmail.com. If you no longer have access to that account, please contact the UBI secretariat and we'll figure out how to proceed.

This email account has been designed with your privacy at the forefront. You will find more information about the privacy policies and EU GDPR compliance at the end of this email. At any time, after verification and authorization, you may request destruction of this account and deletion of all data. UBI will share no personal email account data, other than the email address youraddress@ubi.edu alone, with any third party.

Account info

Class	Staff
Name	Prof Essor
@ubi.edu email address	prof.essor@ubi.edu
Master email address (for password change)	prof.essor@gmail.com
Password	SeCrEtPaSsWoRd

Getting your email with a Web browser

Your @ubi.edu account is available from any computer or device connected to the Internet. Using the latest version of the Web-based email client Roundcube, you should be able to use your email account from any PC, Mac, iPad/iPhone or Android device here: <https://mail.ubi.edu/roundcube>. You can also **change your password**, or generate pronounceable, relatively easy to remember passwords, or change your out-of-office message or forwarding on the UBI mail server at <https://mail.ubi.edu>.

Email client connection info (Outlook, Mail.app, Thunderbird, iPad/iPhone, Android):

IMAP (receiving incoming email mailbox) connection

IMAP server host name	mail.ubi.edu
Username (use the entire email address)	prof.essor@ubi.edu
Password	SeCrEtPaSsWoRd
Use SSL	yes
Password authentication	yes
IMAP port	993

SMTP (sending outgoing email) connection

SMTP server	mail.ubi.edu
Username (use the entire email address)	prof.essor@ubi.edu
Password	SeCrEtPaSsWoRd
Password authentication	yes
SMTP port	465
Use SSL	yes
or	
SMTP port	587
Use STARTTLS	yes

This is the document you may have received on your master email address describing the details of your @ubi.edu account.

The @ubi.edu address is both your email address and your full username when logging in to pick up (IMAP) or send (SMTP) email.

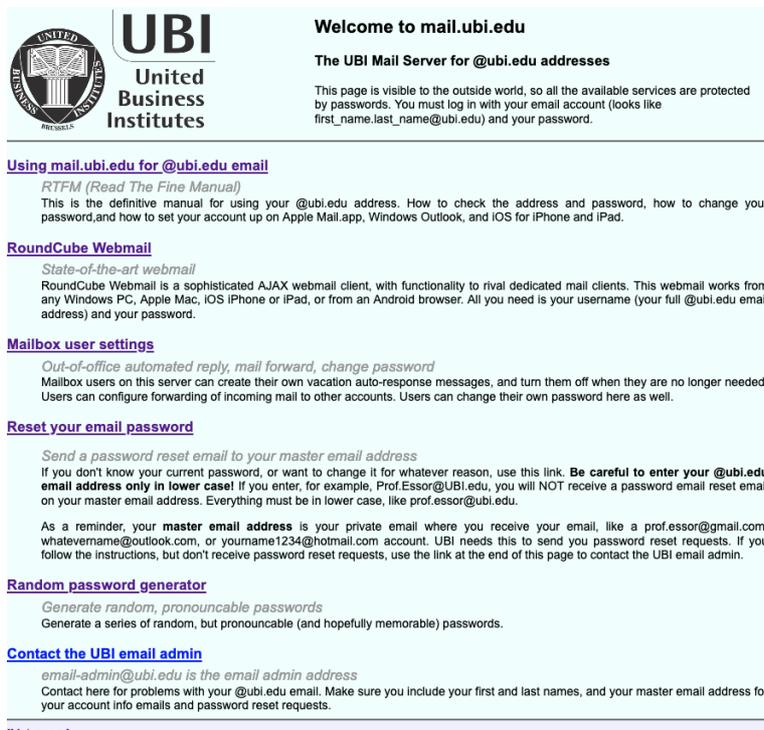
The master email address gets account info and password reset requests.

The password is the one set during account creation. You may reset it to a password of your choice, with the request sent to your master email address, or since you have the current password in the email, you can use the Postfix password change form described in a later section.

All connections are encrypted with SSL. This part gives you technical details like port numbers.

UBI email server main page

The email server Web page address is <https://mail.ubi.edu> Please note the https prefix, which ensures all communications are encrypted between the computer you're using and the server, using SSL. But even if you don't enter the prefix, if you just type mail.ubi.edu you'll end up on the secure main page of the UBI email server anyway.

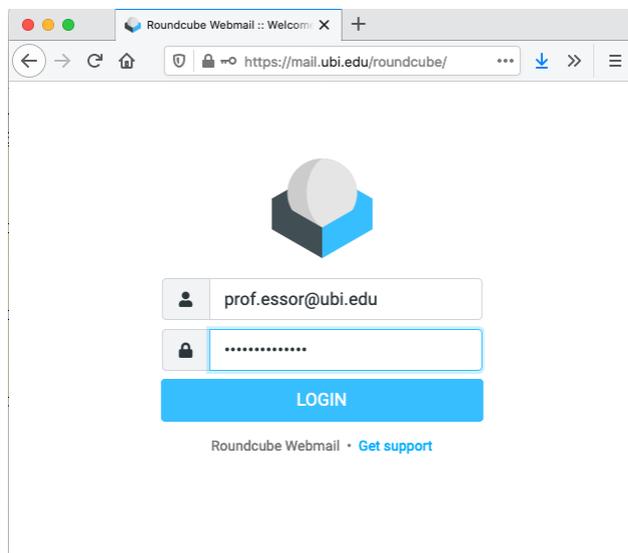


The address <https://mail.ubi.edu> presents a page with multiple options:

- **download** the latest version of the @ubi.edu email user manual (this document);
- use **Roundcube Webmail** to check your username/password credentials, plus you can safely use your email account from any browser, desktop or mobile, even on someone else's phone or laptop;
- use **Postfixadmin** to activate, deactivate, and change your out-of-office auto response mail;
- **reset** your password (works even if you don't know your current password);
- generate pronounceable (and hopefully memorable) random **passwords**;
- contact the UBI email admin.

Using Roundcube Webmail to check your credentials (and your email)

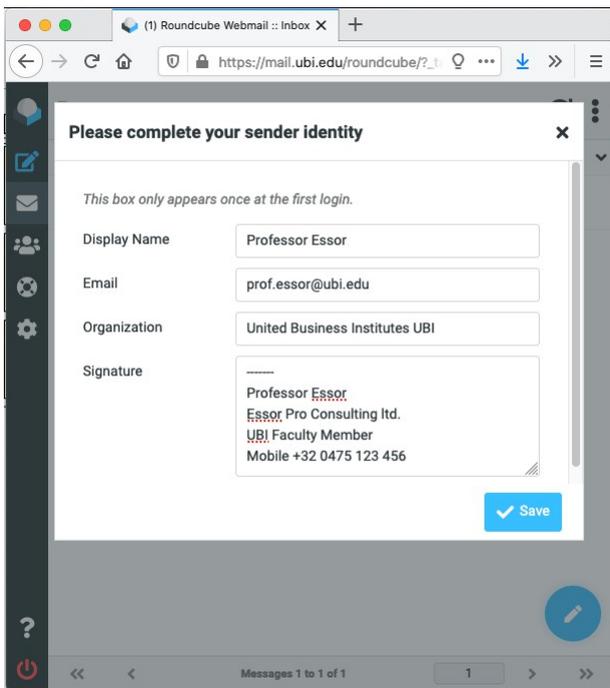
The first thing you should do, **before** trying to set up your account on your Mac, Windows PC, or iPhone, is to check that the username (your @ubi.edu email address) and password are correct. The easiest way to do this is to log into the Roundcube Webmail program on the server (direct link: <https://mail.ubi.edu/roundcube/>). You can also use Roundcube Webmail to access your account from any computer or tablet, without having to configure your account on the device. Once you logout and close the browser window, no-one else can access your email without knowing your password.



<https://mail.ubi.edu/roundcube/>

Enter your full email address, and your password

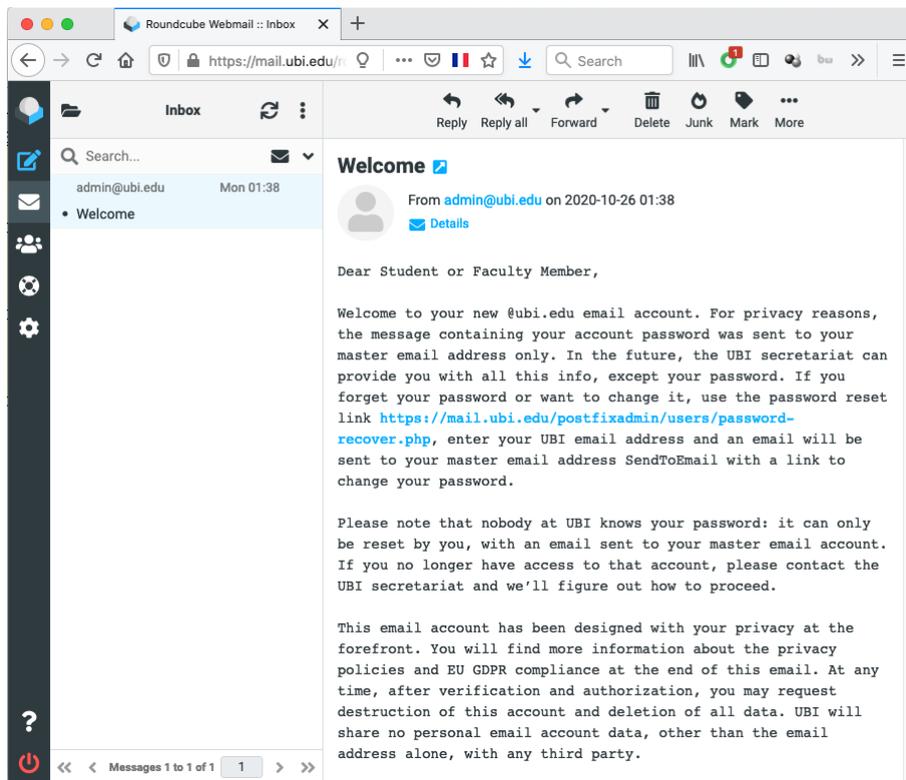
At this point, you're either at the login screen, or you're seeing a yellow message complaining that login failed in the bottom right corner. If your login isn't working, carefully try again, and if it still doesn't work, see the password reset section.



The first time you log into Roundcube, you'll see this dialog.

Make sure you fill in the **display name**, this is what people will see when they get a message from you sent via Roundcube.

You can add a signature if you want, it will be at the end of new email messages you create.



Once logged in, the standard layout shows a preview pane at right.

Click the pencil icon in the left toolbar to compose a new email.

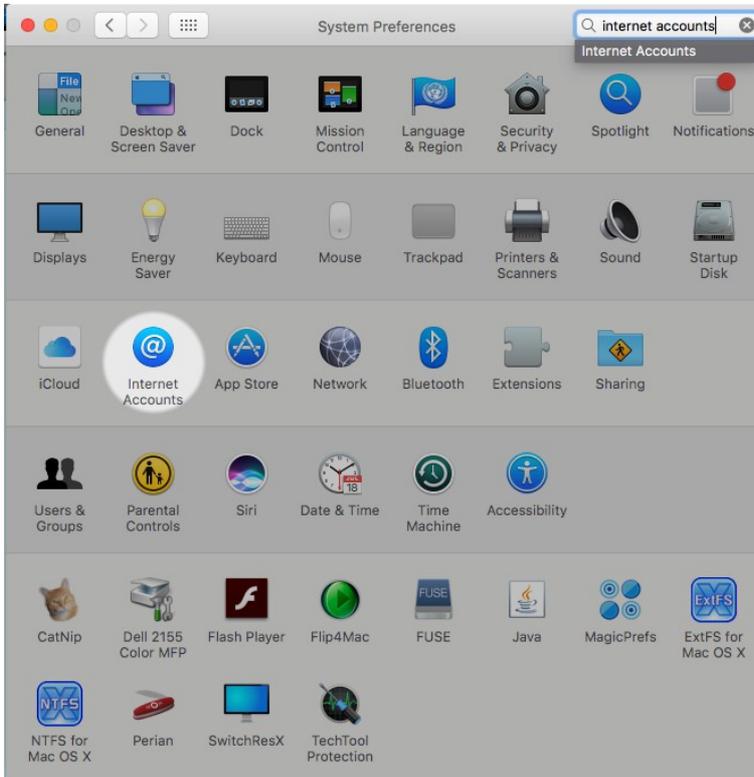
Click on the gear icon in the left to change settings.

If you've gotten this far, congratulations! You now know your account works properly. You can now use it from anywhere, on any machine, and you can now set it up on your own devices as well, knowing that it should work! If a Roundcube login does NOT work, I can guarantee you **it won't work** on your MacBook, iPhone or PC.

Setting up your account on Apple Macintosh macOS

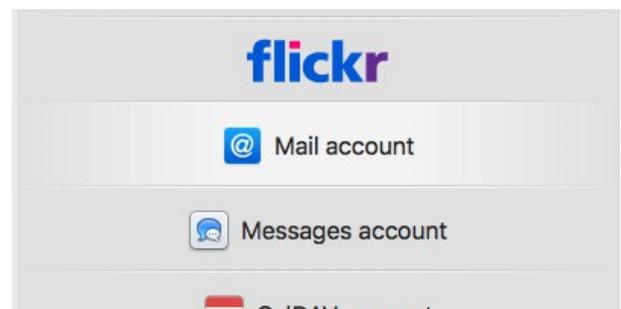
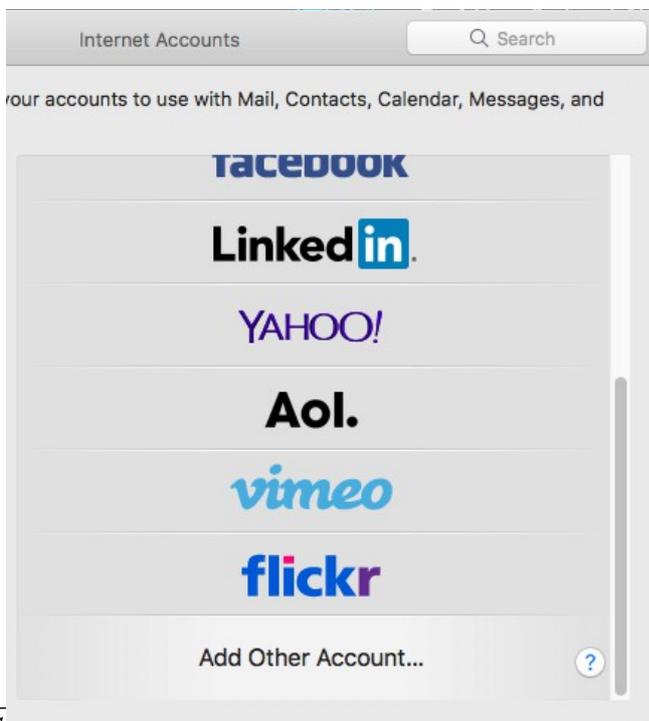
System preferences Internet Accounts

Now that you're sure of your username and password (if you have not checked as described above, please save yourself a lot of worries by doing that first, and resetting your password if necessary), you can set up the Mail.app on your Macintosh. To do so, first go into the System Preferences and choose Internet Accounts:



Add mail account

Scroll down to the bottom of the list, and choose “Add other Account”, then choose “Mail account”



Fill in your credentials, then click the “Sign in” button.

@ Add a Mail account

To get started, fill out the following information:

Name:

Email Address:

Password:

You'll get a pretty unfriendly message:

Email Address:

Username:

Password:

Account Type:

Incoming Mail Server:

Outgoing Mail Server:

Unable to verify account name or password.

Email Address:

Username:

Password:

Account Type:

Incoming Mail Server:

Outgoing Mail Server:

Unable to verify account name or password.

You must fill in the missing pieces, with your full email address as the user name, and mail.ubi.edu for both incoming and outgoing servers.

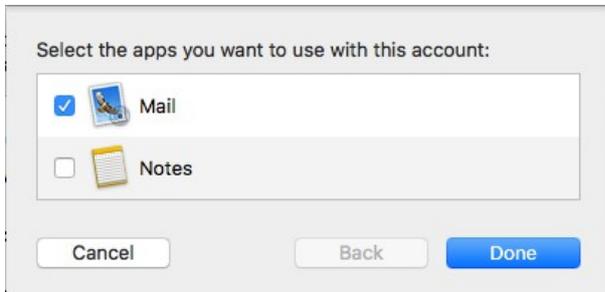
Be careful: if you fill in the Username field, then the incoming and outgoing server, your Mac will stupidly erase the user name!

So go back and fill in the user name again, with your full @ubi.edu address.

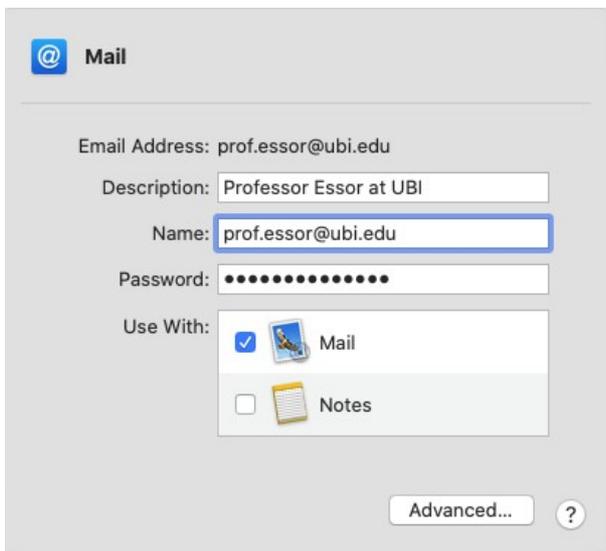
Then click “Sign In” again. The little wheel cursor will spin for a few minutes, then you may or may not get another error message.

For example, the Mac is still complaining, but the “Sign In” button has become the “Next” button. Click it and we’ll continue to the next screen:

You’ll see this dialog, check the “Mail” checkbox, then click “Done”



Finally you should see this, probably with the name and password fields empty:

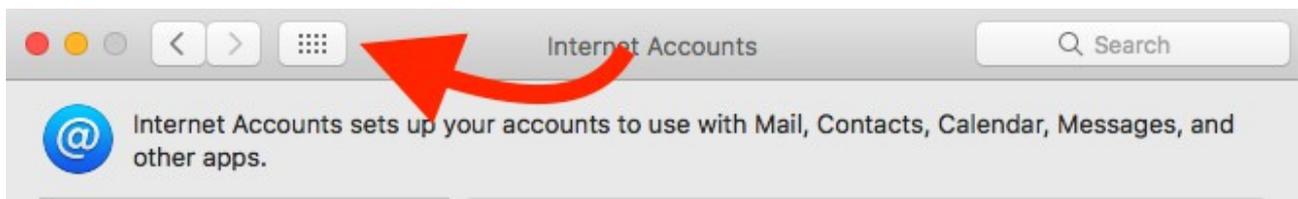


Change the description to something that makes sense for you.

Again, enter your full email address in the Name field

Enter your password again here, if it's empty.

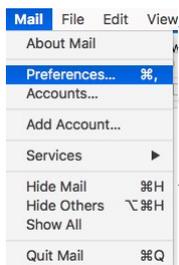
Since there isn't an OK button, click on the “Show All” button at the top of the System Preferences window.



Your new account should now be recorded, but it may not work yet, until you make a few changes in the Preferences of the Apple Mail application. On more recent versions of macOS like 10.15 Catalina, this seems to be automatic. On Sierra or Yosemite, the outgoing SMTP email server usually needs to be changed.

Mail app Preferences - accounts tab

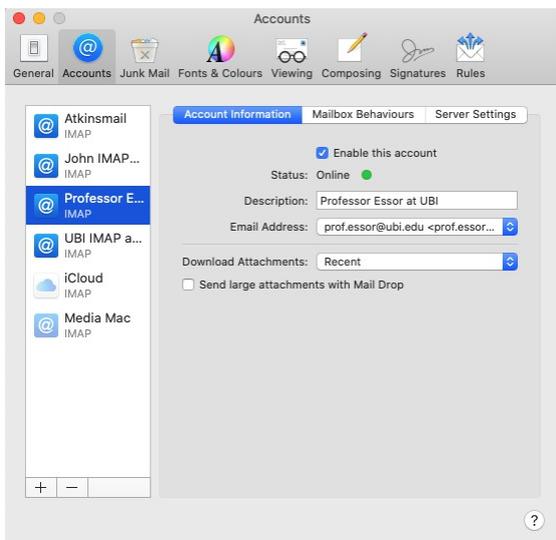
Now fire up the Mail.app, and choose “Preferences...” from the Mail menu:



Make sure you choose “Preferences...”

Counterintuitively, if you choose “Accounts...” you'll be back to square one with the System Preferences “Internet Accounts” dialog, where you **will not** be able to make the required changes!

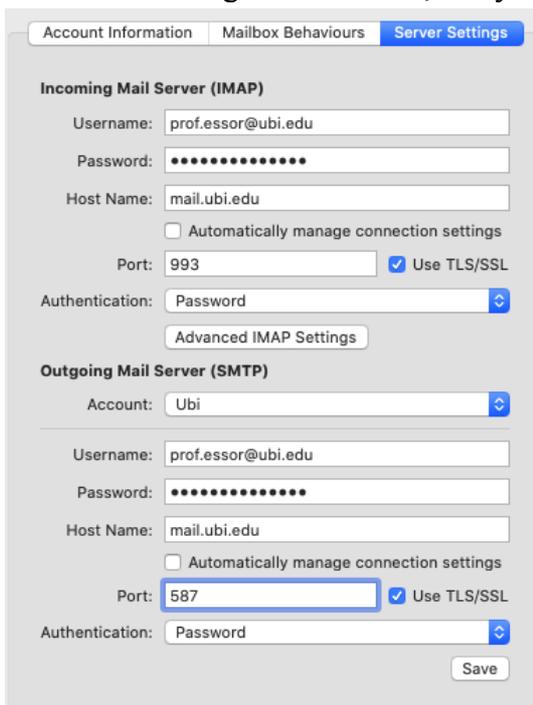
In the Mail Preferences dialog, choose the Accounts tab. This is **not the same** as “Internet accounts” in System Preferences!



Note the green dot next to Status: Online

If you see a red dot and Status: Offline, see below how to fix it.

Click on the “Server Settings” tab to fix the problems. Uncheck the “Automatically manage connection Settings” checkboxes, and you'll see this:



The automatically configured IMAP settings should be correct, with nothing to change here.

Most problems are for the outgoing mail server (SMTP) settings.

Make sure you are configuring the right account (choose it if necessary from the popup menu)

Then fill in the User name field with your full email address, and set the other fields (Port, Use TLS/SSL, Authentication) to look like this example.

Setting up an account with Outlook on Windows

This example uses Outlook from Office 365 on Windows 10, your results may be different when using another version of Outlook, or on another platform. In any case, you should choose “Add Account” on the file ribbon to get started, and then fill in the rest as you go. Before starting, you have checked your email and password in Roundcube as described above, haven't you?

×



Email address
prof.essor@ubi.edu

Enter your email address

Advanced options ^

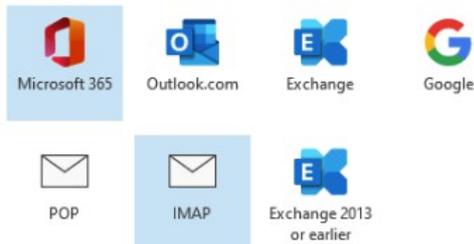
Let me set up my account manually

Click on Advanced options, and check the “Let me set up my account manually” checkbox. Click Connect.

Connect



Advanced setup



Click on the IMAP icon

IMAP Account Settings

prof.essor@ubi.edu

(Not you?)

The incoming mail server is mail.ubi.edu, using port 993, encrypted using SSL.

Incoming mail

Server mail.ubi.edu Port 993

Encryption method SSL/TLS

Require logon using Secure Password Authentication (SPA)

Outgoing mail

Server mail.ubi.edu Port 587

Encryption method STARTTLS

Require logon using Secure Password Authentication (SPA)

The outgoing mail server is also mail.ubi.be, using port 587, encrypted using STARTTLS.

Go back

Next

Then click the Next button.

IMAP Account Settings

prof.essor@ubi.edu

(Not you?)

Password

Enter your password (which you did check using Roundcube as described above, right?)

[Go back](#)

[Connect](#)

And click Connect

Outlook

Account successfully added

IMAP
prof.essor@ubi.edu

This means that your account has successfully been added to Outlook.

Add another email address

[Next](#)

Advanced options ^

Let me set up my account manually

I don't want to set up Outlook on my iPhone, I use Apple's iOS Mail.app, as described below. You may prefer Outlook, then leave this checked.

Set up Outlook Mobile on my phone, too

[Done](#)

Click Done when you're done.

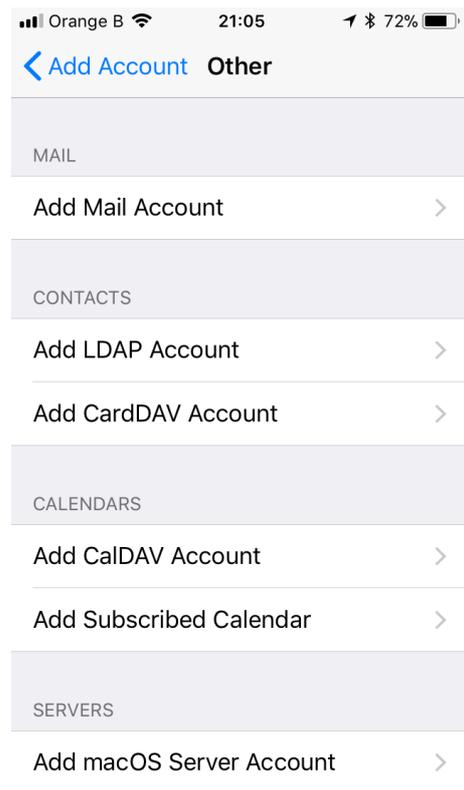
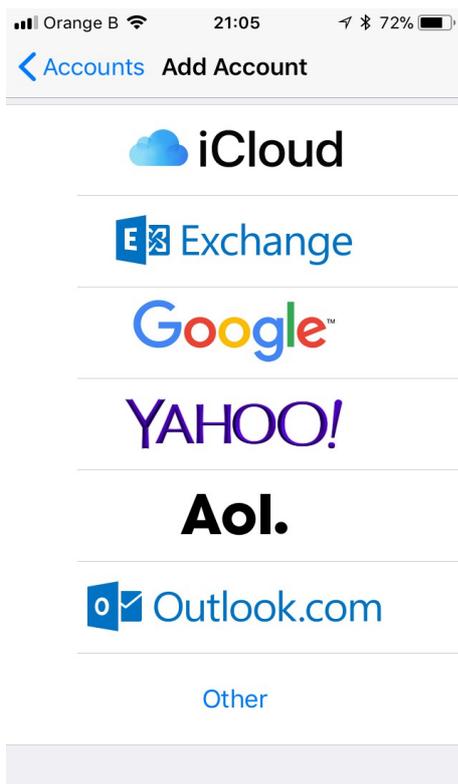
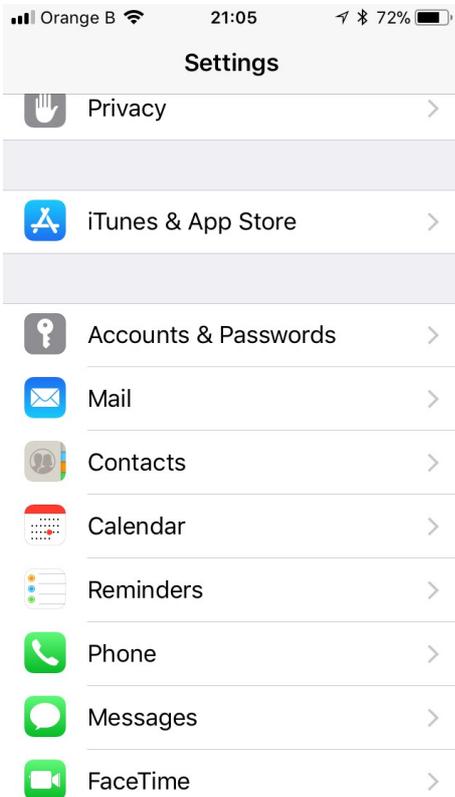
The screenshot shows the Microsoft Outlook desktop application. The left sidebar displays the 'Favorites' pane with folders for 'Inbox', 'prof.essor@ubi.edu', and 'Inbox'. The main pane shows a 'Welcome' message from 'admin@ubi.edu' to 'prof.essor@ubi.edu'. The message content includes a welcome message, a password reset link, and information about privacy and account setup. The bottom status bar shows 'Filter applied' and 'Connected'.

And here's Outlook in all its glory, displaying a message in the Preview pane.

Setting up an account on Apple iOS iPhone and iPad

Setting up on an iPhone is straightforward. Here are uncommented screenshots of how to do it.

Settings – Add Account – Other – Add Mail Account



New Account – Incoming mail server – outgoing mail server

Orange B WiFi 00:53 66%

Cancel New Account Next

Name Professor Essor UBI

Email prof.essor@ubi.edu

Password

Description Professor Essor UB

«UBI»

A Z E R T Y U I O P

Q S D F G H J K L M

↑ W X C V B N ↵

123 🌐 🗣️ espace retour

Fill in name
email
and password
description for you

Orange B WiFi 00:54 66%

Cancel New Account Next

IMAP POP

Name Professor Essor UBI

Email prof.essor@ubi.edu

Description Professor Essor UBI

INCOMING MAIL SERVER

Host Name mail.example.com

Username Required

Password

OUTGOING MAIL SERVER

Host Name smtp.example.com

Username Optional

Orange B WiFi 00:57 66%

Cancel New Account Next

INCOMING MAIL SERVER

Host Name mail.ubi.edu

Username prof.essor@ubi.edu

Password

OUTGOING MAIL SERVER

Host Name mail.ubi.edu

Username prof.essor@ubi.edu

Password

Enter mail.ubi.edu as
both incoming and
outgoing servers

Again enter your full
email address as the
username.

Enter your
password.

Do this for the
outgoing server as
well, then tap next

This is what the
account looks like in
the settings

Orange B WiFi 01:06 63%

Cancel Account Done

IMAP ACCOUNT INFORMATION

Name Professor Essor UBI

Email prof.essor@ubi.edu >

Description Professor Essor UBI

INCOMING MAIL SERVER

Host Name mail.ubi.edu

Username prof.essor@ubi.edu

Password

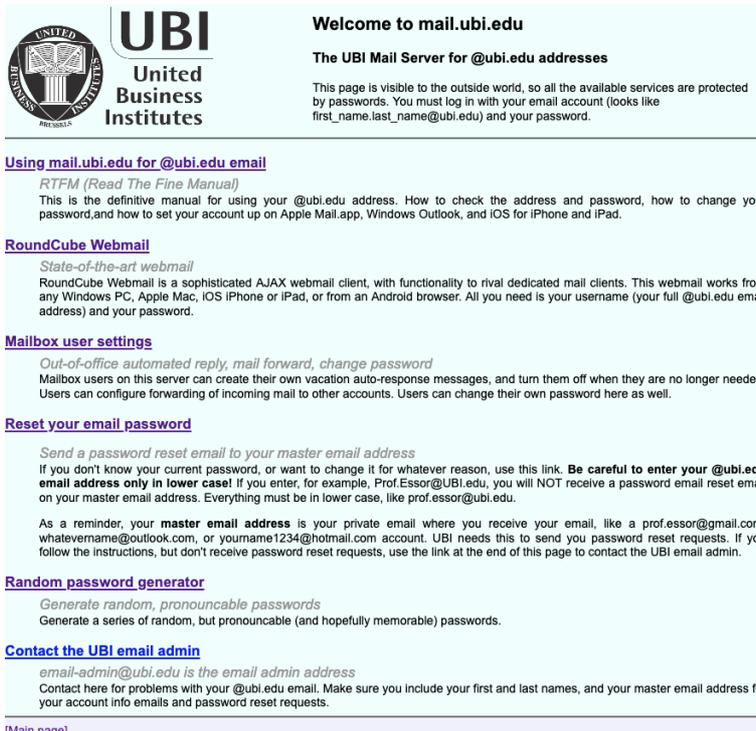
OUTGOING MAIL SERVER

SMTP mail.ubi.edu >

Advanced >

Postfixadmin: Using out-of-office auto response, changing forward or password

If you want to set an automated message for when you're on vacation or otherwise unavailable, go to the mail server Web interface at <https://mail.ubi.edu>



Welcome to mail.ubi.edu
The UBI Mail Server for @ubi.edu addresses

This page is visible to the outside world, so all the available services are protected by passwords. You must log in with your email account (looks like first_name.last_name@ubi.edu) and your password.

[Using mail.ubi.edu for @ubi.edu email](#)
RTFM (Read The Fine Manual)
This is the definitive manual for using your @ubi.edu address. How to check the address and password, how to change your password, and how to set your account up on Apple Mail.app, Windows Outlook, and iOS for iPhone and iPad.

[RoundCube Webmail](#)
State-of-the-art webmail
RoundCube Webmail is a sophisticated AJAX webmail client, with functionality to rival dedicated mail clients. This webmail works from any Windows PC, Apple Mac, iOS iPhone or iPad, or from an Android browser. All you need is your username (your full @ubi.edu email address) and your password.

[Mailbox user settings](#)
Out-of-office automated reply, mail forward, change password
Mailbox users on this server can create their own vacation auto-response messages, and turn them off when they are no longer needed. Users can configure forwarding of incoming mail to other accounts. Users can change their own password here as well.

[Reset your email password](#)
Send a password reset email to your master email address
If you don't know your current password, or want to change it for whatever reason, use this link. **Be careful to enter your @ubi.edu email address only in lower case!** If you enter, for example, Prof.Essor@UBI.edu, you will NOT receive a password email reset email on your master email address. Everything must be in lower case, like prof.essor@ubi.edu.

As a reminder, your **master email address** is your private email where you receive your email, like a professor@gmail.com, whatevername@outlook.com, or yourname1234@hotmail.com account. UBI needs this to send you password reset requests. If you follow the instructions, but don't receive password reset requests, use the link at the end of this page to contact the UBI email admin.

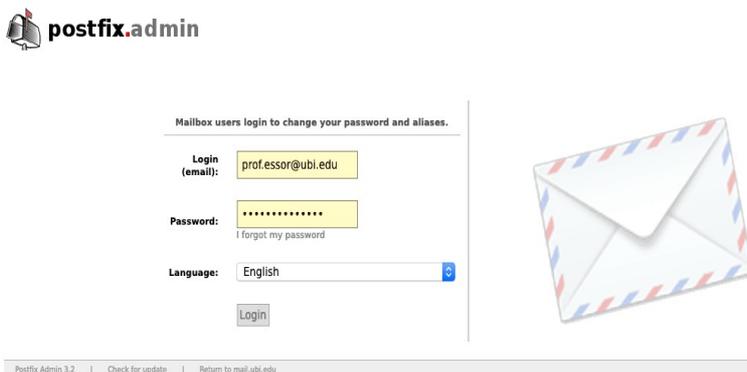
[Random password generator](#)
Generate random, pronounceable passwords
Generate a series of random, but pronounceable (and hopefully memorable) passwords.

[Contact the UBI email admin](#)
email-admin@ubi.edu is the email admin address
Contact here for problems with your @ubi.edu email. Make sure you include your first and last names, and your master email address for your account info emails and password reset requests.

Click Mailbox user settings

Log Into Postfixadmin

Click on “Mailbox user settings” to go to Postfixadmin and log in with your full email address and password.



Mailbox users login to change your password and aliases.

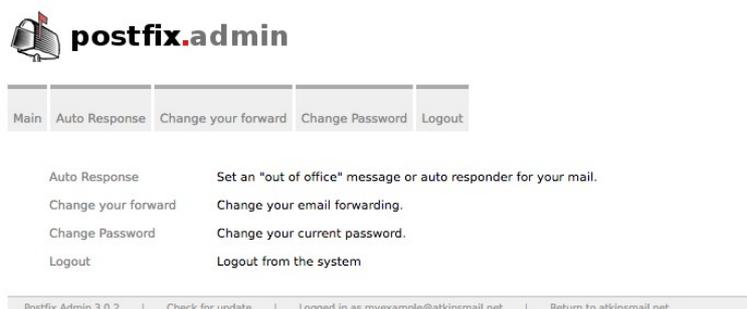
Login (email):

Password:
[I forgot my password](#)

Language:

Postfix Admin 3.2 | [Check for update](#) | [Return to mail.ubi.edu](#)

Once you've logged in, you'll see:



postfix.admin

Main | Auto Response | Change your forward | Change Password | Logout

Auto Response: Set an "out of office" message or auto responder for your mail.

Change your forward: Change your email forwarding.

Change Password: Change your current password.

Logout: Logout from the system

Postfix Admin 3.0.2 | [Check for update](#) | Logged in as myexample@atkinsmail.net | [Return to atkinsmail.net](#)

The three options here are to change your password, change your forward (i.e. I could automatically send mail received at prof.essor@ubi.edu to my couldit@magic.be account), or set an “Out-of-Office” auto reply message.

Setting “Out of Office” Auto response

The big advantage of setting up your automatic out-of-office reply with Postfixadmin is that all auto response is handled on the server as the incoming mail is received. If you run an auto response using Outlook on your PC, it will only work while your PC is turned on and awake.

Auto Response.

Active from: 29.10.2020

Active until: 29

Choice of reply: Re

Subject: Gone fishing

Message: I will be away from tomorrow until some other time. For urgent matters you can contact someone@somewhere.else.

Change / Set away message Remove away message Exit

In Postfixadmin, it's pretty straightforward.

Choose the start and end dates

Auto Response.

Active from: 29.10.2020

Active until: 30.10.2020

Choice of reply: Reply once

Subject: Gone fishing

Message: I will be away from tomorrow until some other time. For urgent matters you can contact someone@somewhere.else.

Change / Set away message Remove away message Exit

Choose how often you want to tell the sender you're unavailable

This subject will appear in the automatic reply

This is the text in the message body. Put anything useful here.

Use the “Change / Set away message” to activate the automatic reply system. It will remain active during the active period, or until you click the “Remove away message”.



Main Auto Response Change your forward Change Password Logout

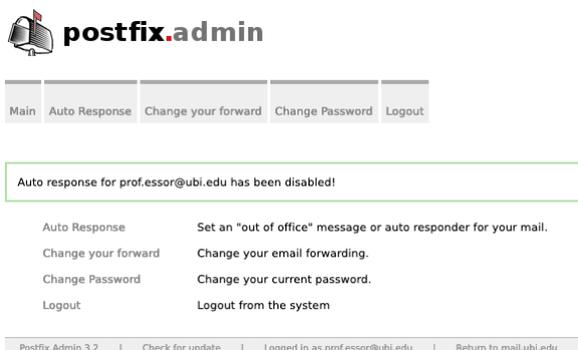
Auto response for prof.essor@ubi.edu has been enabled!

Auto Response Auto Response is ON, click 'Auto Response' to edit/remove
Change your forward Change your email forwarding.
Change Password Change your current password.
Logout Logout from the system

This message appears after successfully activating auto response.

Postfix Admin 3.2 | Check for update | Logged in as prof.essor@ubi.edu | Return to mail.ubi.edu

To deactivate your out-of-office message, go to Auto Response, and click the “Remove away message” button, and you'll see the confirmation that auto response is disabled.



Changing your forward

A “forward” means that the mail server receives email for your address, and forwards it to other addresses. This can be useful for rarely used accounts, so that they're forwarded to one's main account. Some people use forwards from outside accounts to Hotmail or Google.

For these mail.ubi.edu accounts, I recommend not using forwarding to outside servers. The major point of using a private email server is to keep the messages confidential, not on a server totally out of your control, run by Microsoft or Google. Also, since the forwarded mail is not directly addressed to a gmail or hotmail address, these systems tend to think that incoming forwarded messages are spam.

However, forwards are very useful for internal organisational purposes. For example, mail sent to a given address can be automatically forwarded to colleagues.

Edit forwarding settings

Accepts multiple targets, one entry per line.

Alias: *prof.essor@ubi.edu*

To:

- Deliver to the local mailbox.
 Forward to given email addresses only.

This is an example of Professor Eссор forwarding UBI emails to his personal consulting address.

Deliver to local mailbox means that you will receive a copy of the incoming email in your Inbox, in addition to the recipients in To:

Forward to given email addresses only means that you won't keep a local copy of incoming messages in the account inbox.

Changing your password

You should have been given a unique, pseudo-random pronounceable password by the email admin, and you can change it if you want. If you know your current password, you can use Postfixadmin to change it. If you don't know your current password, you can reset it (see the last section).

Change your login password.

Login: *prof.essor@ubi.edu*

Current Password:

New Password:

New Password (again):

You must know your current password to change to a new one.

If you're logged into Postfixadmin, you should already know it.

Pronounceable, and (hopefully) memorable random password generator

As for the choice of a password, please keep in mind that using things like children's names or birthdates, one's name or words found in a dictionary can lead to fairly easy password cracking, if your adversary makes the effort to Google you to gather a bit of family information before running a cracking program.

The best passwords have nothing to connect with anything in your background, but which you can still memorise relatively easily.

You can easily generate a new secure password. Go to your mail server Web interface and choose "Random password generator" (direct link: <https://mail.ubi.edu/index/genpass.php>)



Welcome to mail.ubi.edu
The UBI Mail Server for @ubi.edu addresses

A few randomly-generated pronounceable passwords:

```

Random seed used: 1904896440
Command: /usr/bin/agg -lt -n 10 -m 11 -x 14 -M ncl -c 1904896440

password (pronunciation) spell-the-letters-for-phone
-----
cre0nrymAwpiu (cre-On-ryn-Awp-Ia-U) charlie-romeo-echo-Oscar-november-romeo-yankee-mike-Alfa-whiskey-papa-India-sierra-Uniform
dusheesAgo (dush-see-Ac-go) delta-uniform-echo-sierra-hotel-charlie-echo-sierra-Alfa-charlie-golf-oscar
CepQuavTogo (cep-Duv-EGIT-op-o) Charlie-echo-golf-Quebec-uniform-Alfa-victor-FIGHT-oscar-papa-oscar
oHfIcIeRrArGAr (oh-Pie-fir-Ar-Arg-Ar) oscar-tango-hotel-Papa-India-charlie-foxtrot-India-romeo-Alfa-romeo-golf-Alfa-romeo
ClytKeqesVavo (Clyt-Reg-es-Vav-u) Charlie-lima-yankee-Alfa-tango-Alpha-echo-golf-echo-sierra-Victor-Alfa-victor-uniform
kudOetOewS (kud-pow-Ge-wag-FIV) kilo-uniform-delta-guliet-oscar-whiskey-tango-uniform-charlie-whiskey-Alfa-spif-FIVE
dlIcIifIbMOn (dl-Cl-ib-Ne-On) delta-India-lima-Charlie-India-foxtrot-India-bravo-November-echo-Oscar-november
ShazOlibhNn (Shaz-Ilb-beh-Nn) Sierra-hotel-tango-Alfa-victor-Pullert-India-bravo-hotel-echo-bravo-November-oscar
tybsyuphikAn (tybs-yuph-ik-An) tango-yankee-bravo-sierra-yankee-uniform-papa-hotel-India-kilo-Alfa-november
laidIIBubvI (laid-Al-Bub-av-I) lima-Alfa-India-delta-Alfa-India-Hotel-uniform-bravo-Alfa-victor-India
-----

```

[\[Main page\]](#) [\[10 more pronounceable passwords\]](#)

All generated passwords are between 11 and 14 characters long, and contain upper and lower case letters and numbers. They should be pronounceable and relatively easy to remember.

The output consists of the password, (a pronunciation suggestion) and the full password spelled out in traditional radio operator code words.