



Date:	11-05-2010
Service:	PDA
Manual:	Wireless internet and RUGmail on an iPhone

This manual describes how you can use the iPhone Configuration Utility to create a profile for your iPhone with which you can gain access to:

- The wireless internet within buildings of the RUG and other, with eduroam affiliated, educational institutions (**eduroam and RuG-FN2**) and the wireless internet outside buildings of the RUG (**Eduroam**).
- RUGmail, to send and receive your RUGmail on your iPhone.

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1. Downloading and installing the iPhone Configuration Utility

Download the freely available iPhone Configuration Utility for Windows via <http://support.apple.com/kb/DL926> and install this on your Windows pc. The installation is simple. By double clicking on the installation file, clicking on next, agreeing with the license conditions, again clicking on next and subsequently clicking on the install button, the utility has now been installed.

2. Creating a RUG profile

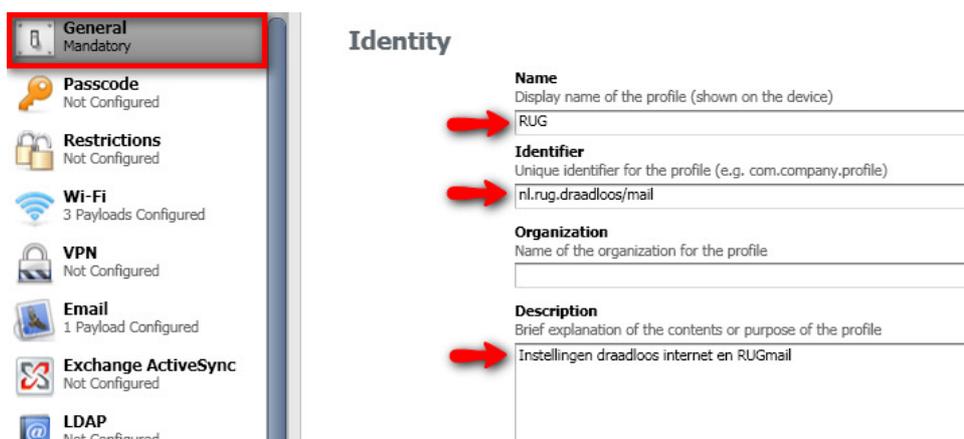
Open the iPhone Configuration Utility and connect the iPhone to your pc.

Select **Configuration Profiles** and click on the button **New**.



Click on the button **General** and enter the following information:

- Name: **RUG**
- Identifier: **nl.rug.draadloos/mail**
- Description: **Configuration wireless internet and RUGmail**



Do you have any questions?

At www.rug.nl/cit/servicedesk/overzichtservedesk you will see how and where the servicedesk can be reached

2a. Wireless internet access

Click on the button Wi-Fi on the left side of the screen and click on **Configure**, next enter the following information:

- Service Set Identifier: **eduroam**
- Security Type: **Any Enterprise**

Passcode
Not Configured

Restrictions
Not Configured

Wi-Fi
1 Payload Configured

VPN
Not Configured

Service Set Identifier
Identification of the wireless network to
eduroam

Hidden Network
Enable if the target network is not open

Security Type
Wireless network encryption to use whe
Any (Enterprise)

- Click on the tab **Protocols** (still under the button Wi-Fi)
- Select **TTLS** under Accepted EAP Types
- Select **PAP** under Inner Identity

Protocols Authentication Trust

Accepted EAP Types
Authentication protocols supported on target network

TLS LEAP EAP-FAST
 TTLS PEAP EAP-SIM

EAP-FAST
Configuration of Protected Access Credential (PAC)

Use PAC
 Provision PAC
 Provision PAC Anonymously

Inner Identity
Authentication protocol (for use only with TTLS)
PAP

- Click on the tab **Authentication** (still under the button Wi-Fi)
- Enter behind Username your context:
(**Pxxxxxx@staff.rug.nl** or **Sxxxxxxx@student.rug.nl**)

Protocols **Authentication** Trust

Username
Username for connection to wireless network
PXXXXXX@staff.rug.nl of SXXXXXX@student.rug.nl

Use Per-connection Password
Request during connection and send with authentication

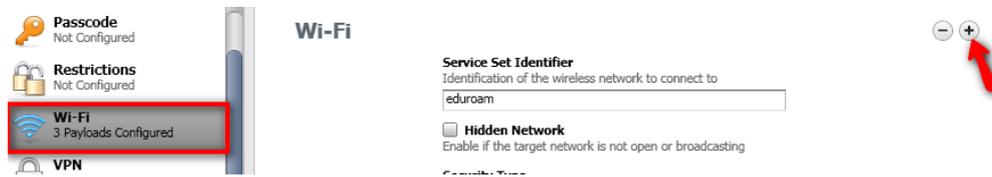
The profile for eduroam has been created.

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Add through the plus sign an additional Wi-Fi profile for **RuG-FN2** and **Eduroam**

Click on the **plus sign**



and subsequently take the same steps as mentioned under **2a** to create a Wi-Fi profile with as Service Set Identifier **RuG-FN2** and the exact same configuration details as used for **eduroam**.

Again click on the **plus sign** and create an additional Wi-Fi profile as mentioned under **2a** with the Service Set Identifier **Eduroam**, again use the exact same configuration details as used in the other profiles.

Now the following 3 Wi-Fi profiles have been configured:

- **eduroam** (within the RUG and other educational institutions)
- **RuG-FN2** (within the buildings of the RUG)
- **Eduroam** (outside the buildings of the RUG)

2b RUGmail

Enter within the same configuration profile your RUGmail settings.

Click on the button **Email** on the left side of the screen and next on **Configure**.



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enter the following information:

- Account Description: **RUGmail**
- Account Type: **choose for IMAP**
- Account Name: **the name which will be displayed**
- Email Address: **your RUGmail address**

Click on **Incoming Mail** and enter:

- Mail Server and Port: **imap.rug.nl**
- User Name: **your P- or S-number**
- Password: **your central password**

Select **Use SSL** (the port number will automatically be changed into 993)

The screenshot shows a configuration interface with a sidebar on the left and a main content area on the right. The sidebar contains several service categories, each with an icon and a status: Passcode (Not Configured), Restrictions (Not Configured), Wi-Fi (3 Payloads Configured), VPN (Not Configured), **Email (1 Payload Configured)** (highlighted with a red box), Exchange ActiveSync (Not Configured), LDAP (Not Configured), CalDAV (Not Configured), Subscribed Calendars (Not Configured), Web Clips (Not Configured), Credentials (Not Configured), SCEP (Not Configured), and Advanced (Not Configured). The main content area is titled 'Account Description' and contains the following fields: Account Description (RUGMail), Account Type (IMAP), Account Name (John Appleseed), Email Address (J.Appleseed@rug.nl), Mail Server and Port (imap.rug.nl : 993), User Name (PXXXXXX), Password (*****), and checkboxes for 'Use Password Authentication' (unchecked) and 'Use SSL' (checked).

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Click on the button **Outgoing Mail** and enter:

Mail Server and Port: **asntp.rug.nl**
User Name: your **P- or S-number**
Password: **your central password**
Select **Use Password Authentication**
Select **Use SSL** (the port number will automatically be changed into 465)

Incoming Mail **Outgoing Mail**

Mail Server and Port
Hostname or IP address, and port number for outgoing mail
asntp.rug.nl : 465

User Name
The username used to connect to the server for outgoing mail
pXXXXXX

Password
Password for the outgoing mail server

Use Password Authentication
Authenticate with server using password (will prompt user)

Outgoing Password Same As Incoming
SMTP authentication uses the same password as POP/IMAP

Use SSL
Send outgoing mail through secure socket layer

The configuration profile for wireless internet and RUGmail has now been configured.

3. Installing the RUG profile on your iPhone

Connect the iPhone to your pc to install the RUG profile you just created. Make sure that the iPhone Configuration Utility is opened on your pc.

Select under **Devices** on the left side of the utility screen your **iPhone**, click on the tab **Configuration Profiles** where the profile you just created will be shown and click on the button **Install**.



The eduroam profile will now be transferred to your iPhone.

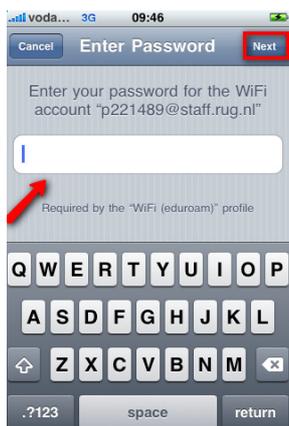
Now take your iPhone and tap on **Install**.



And confirm by tapping on **Install Now**.



Enter your RUG password (to establish the connection with the wireless internet).



Tap three times on **Next** and repeat entering your password three times as well.

Please Note! this concerns the amount of configured Wi-Fi profiles and only needs to be done once, only during the installation of the configuration profile.

Next tap on the button **Done**.



Tap on the Settings button of your **iPhone**.



Subsequently tap on **not Connected** > behind Wi-Fi.



and next on **eduroam** (do not tap the arrow button!).



Accept the certificate by tapping on **Accept**.



After the certificate has been accepted you will be connected with **eduroam**.

Repeat the steps mentioned under **3.** for the network **RuG-FN2** and -if you are outside of the RUG buildings- for **Eduroam** (this network will not be found inside of the RUG buildings).

Once your iPhone has been connected with a network it will automatically connect the next time you are within range of this network.

To access to your RUGmail tap on the envelope icon.



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