



# **XDove Mail Server**

**Version: 1.3**

**User Guide v1.0**



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# Chapter 1. Before Getting Started

In order to install and deploy XDove email server on your QNAP NAS successfully, please go through the following checklist before you start.

## 1.1 Connect the NAS to the Internet

### 1.1.1 Without a Router

It is strongly recommended to assign a static IP address (LAN or WAN) to the NAS if your NAS is directly connected to the Internet without an NAT/firewall router.

### 1.1.2 Behind a Router

**TCP/IP - Property**

Network Speed:

Obtain IP address settings automatically via DHCP

Use static IP address

Fixed IP Address:  .  .  .

Subnet Mask:  .  .  .

Default Gateway:  .  .  .

If your NAS is connected to a router and configured to obtain an IP address dynamically, make sure there is a DHCP server running on the same network. If your NAS is configured to use static IP address, make sure you have set the DNS server correctly. (About your DNS server IP address, please check with your ISP.)

Home >> System Administration >> Network

**DNS Server:**

Primary DNS Server:  .  .  .

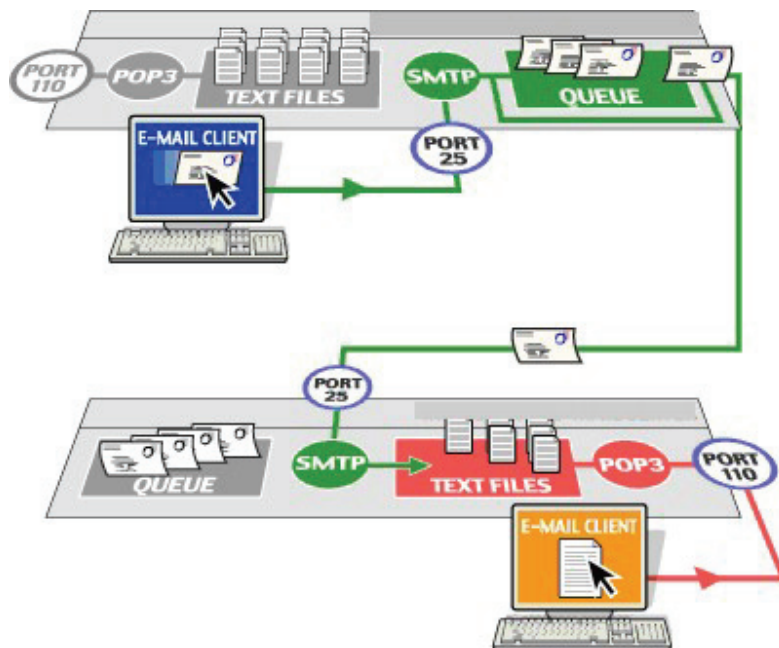
Secondary DNS Server:  .  .  .

## 1.2 Port Forwarding

The e-mail system consists of two different servers running on a server machine. One is called the **SMTP server**, where SMTP stands for Simple Mail Transfer Protocol. The SMTP server handles outgoing mail. The other is either a **POP3 server** or an **IMAP server**, both of which handle incoming mail. POP stands for Post Office Protocol, and IMAP stands for Internet Mail Access Protocol.

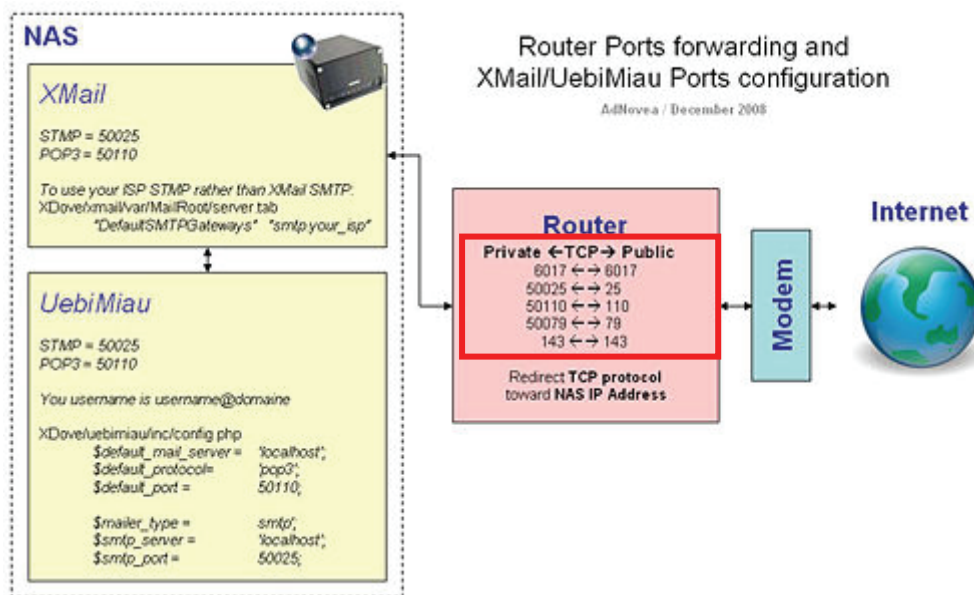
The SMTP server listens on well-known port number 25, POP3 listens on port 110 and IMAP uses port 143.

TO access your local network behind the router, go to the "Port forwarding" page of your router and forward the ports as below. The forwarded IP address will be your QNAP NAS IP address and the protocol applies to TCP only.



## Port Forwarding for XDove:

Port from	Forward to	Services
25	50025	(ESMTP)
110	50110	(POP3)
143	143	(IMAP)
79	50079	(FINGER)
6017	6017	(Xmail remote control access)



Port forwarding example:

<input checked="" type="checkbox"/>	Name SMTP	<< Application Name	Public 25	Protocol TCP	Schedule Always
	IP Address 192.168.0.180	<< Computer Name	Private 50025	6	Inbound Filter Allow All
<input checked="" type="checkbox"/>	Name POP3	<< Application Name	Public 110	Protocol TCP	Schedule Always
	IP Address 192.168.0.180	<< Computer Name	Private 50110	6	Inbound Filter Allow All
<input checked="" type="checkbox"/>	Name IMAP	<< Application Name	Public 143	Protocol TCP	Schedule Always
	IP Address 192.168.0.180	<< Computer Name	Private 143	6	Inbound Filter Allow All

This is a port forwarding screenshot.

You should replace the IP address 192.168.0.180 in the example above with your NAS IP address.

## **1.3 DNS/DDNS**

### **1.3.1 Domain Name**

A domain name is a translation operated by a DNS (Domain Name System) provider to convert an Internet IP address into a name (e.g. "74.125.153.104" is "www.google.com").

To access the domain name service, you must subscribe and pay an annual fee to a DNS provider. A domain name must include an extension such as .com, .net, and .org or an extension that refers to a country such as .tw, .uk, .fr, .de, and .nl. (You may refer to [IANA](#) for additional information). Some countries may have restrictions regarding the use of domain name.

### **1.3.2 MX Record**

A mail exchanger record (MX record) is a type of resource record in the Domain Name System that specifies a mail server responsible for accepting email messages on behalf of a recipient's domain and a preference value used to prioritize mail delivery if multiple mail servers are available.

### **1.3.3 DNS**

If you have a registered domain name make sure it is correctly pointed to your WAN IP address and the WAN IP address is a static IP assigned by your Internet service provider (ISP). If you do not have a static IP address, you could still use free DDNS services available on the Internet.

### **1.3.4 DDNS**

If you do not have a registered domain name, you may apply for a free DDNS (dynamic DNS) account from a DNS provider.

To register a DDNS account, please refer to the steps below:



Step 1. Choose a DDNS provider:

- <http://www.no-ip.com/>
- <http://www.dyndns.org/>
- <http://update.ods.org/>
- <http://www.dhs.org/>
- <http://www.dyns.cx/>
- <http://www.3322.org/> or others...

Here we take <http://www.no-ip.com/> as an example.

**Note:** Some free DNS providers DO NOT PROVIDE MX SERVICE. Please check that your DNS provider allows you to set up an MX record.

Step 2. Visit <http://www.no-ip.com/>:

Click "Create Account" to register an account.

The screenshot shows the No-IP website homepage. The main navigation bar includes links for Home, Download, Services, Support, and Company. The central banner promotes 'Managed DNS' with a woman's image and lists features like 'Easy to use interface', 'Complete control over your domain', 'FREE dynamic DNS update client', and 'Includes 50 hosts/sub domains'. Below the banner is a domain registration search bar with a 'FROM \$15' tag and a 'Search' button. Three feature highlights are shown: 'No-IP Free' (Create a FREE hostname), 'POP3 / IMAP Mail' (Outsource your mail service administration), and 'Feature Highlight' (Configure your router). On the right, a 'User Login' section is highlighted with a red box, containing fields for 'Username' and 'Password', and buttons for 'Create Account', 'Forgot password?', and 'Login'. Below the login section are 'Additional Services' including 'No-IP Enhanced', 'No-IP Backup DNS', and 'No-IP Monitoring'.

### Step 3. Add a host:



### Step 4. Create a host:

#### Add a host

Fill out the following fields to configure your host. After you are done click 'Create Host' to add your host.

**Own a domain name?**  
Use your own domain name with our DNS system. Add your domain name now or read more for pricing and features.

**Hostname Information**

**Hostname:** QNAP

**Host Type:**  DNS Host (A)  DNS Host (Round Robin)  Port 80 Redirect  Web Redirect

**IP Address:** X.X.X.X

**Assign to Group:** - No Group -

**Enable Wildcard:** Wildcards are a Plus / Enhanced feature. [Upgrade](#)

**Accept Mail for your Domain**  
Let No-IP do the dirty work. Setup POP or forwarding for your name.

**Mail Options**

**MX Record** **MX Priority**

Enter the name of your external mail exchangers (mx records) as hostnames **not IP addresses**.

QNAP.no-ip.biz 5

If you would like a more MX records, please upgrade to [No-IP Plus](#) or [Enhanced](#).

[Revert](#) [Create Host](#)

Step 5. Lookup for your DNS/MX:

Visit <http://www.mxtoolbox.com/DNSLookup.aspx>. Enter your domain name for DNS Lookup/MX Lookup. It will return your IP address or mail exchanger if the MX service has been set.

\* DNS Lookup

The screenshot shows the MxToolbox website interface. The 'DNS Lookup' tab is selected in the top navigation bar. The 'Command' field contains 'QNAFFrances.no-ip.biz' and the 'Lookup' button is visible. Below the command, the domain 'a:qnapfrances.no-ip.biz' is displayed. A table shows the lookup results:

Type	Domain Name	IP Address	TTL
A	qnapfrances.no-ip.biz	211.XXX.XXX.XXX	1 min

Below the table, there are links for 'reverse lookup', 'smtp diag', 'port scan', and 'blacklist'. A red box highlights the 'DNS Lookup' tab, the command input field, and the IP address in the results table.

\* MX Lookup

The screenshot shows the MxToolbox website interface. The 'Mx Lookup' tab is selected in the top navigation bar. The 'Command' field contains 'mx:QNAFFrances.no-ip.biz' and the 'Lookup' button is visible. Below the command, the domain 'mx:qnapfrances.no-ip.biz' is displayed. A table shows the lookup results:

Pref	Hostname	IP Address	TTL	SMTP Test	Blacklist Check
5	qnapfrances.no-ip.biz	211.XXX.XXX.XXX	1 min	SMTP Test	Blacklist Check

Below the table, there are links for 'reverse lookup', 'smtp diag', 'port scan', and 'blacklist'. A red box highlights the 'Mx Lookup' tab and the command input field.

## Chapter 2. XDove Introduction

### 2.1 XDove



XDove is web-based front-end software for managing **Xmail** mail server, **Dovecot** server and the web-based mail **UebiMiau** and **RoundCube**.

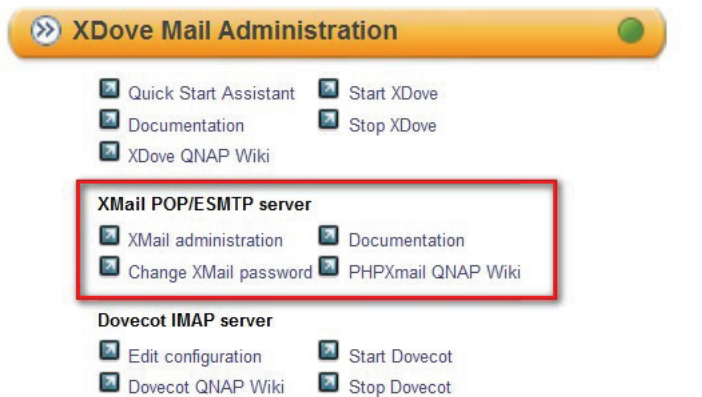
XDove provides a Quick Start Assistant (QSA) as well as the possibility to access the setup for each third application. Its main usage is to display a GUI (Graphic User Interface). It allows the administrator of the QNAP NAS to perform the configuration and monitor the tasks of the mail servers.

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XDove is **NOT PART OF THE QNAP SOFTWARE PACKAGE** and QNAP cannot endorse responsibilities shall this software modify, erase or be implied in any direct or indirect losses or damages.

## 2.2 XMail Server (<http://www.xmailserver.org/>)

### 2.2.1 Introduction

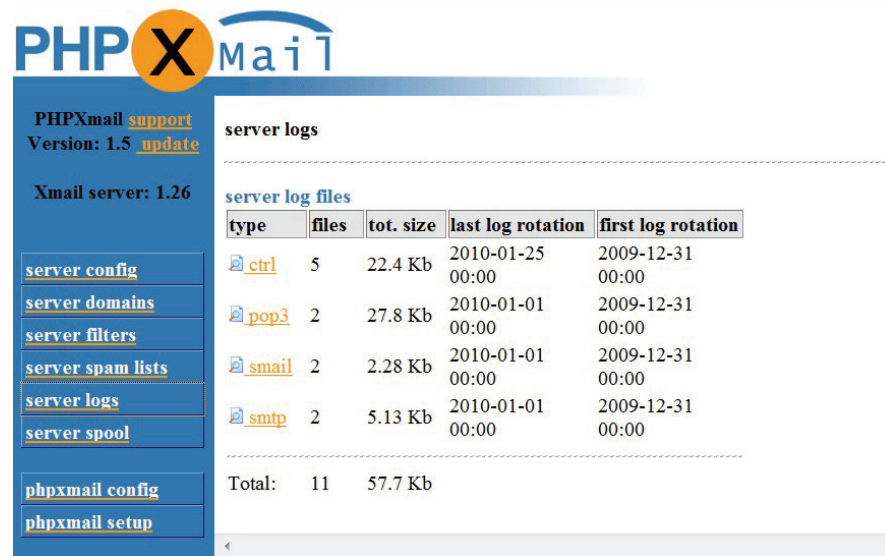


XMail is an Internet and Intranet mail server featuring an **SMTP server**, **POP3 server**, multiple domains, custom (IP-based and address-based) spam protection, SMTP authentication, a POP3 account synchronizer with external POP3 accounts, etc.





### FEATURES

- ESMTP server
- POP3 server
- Finger server
- Multiple domains
- Users do not need a real system account
- SMTP relay checking
- SMTP RBL maps check ([rbl.maps.vix.com](http://rbl.maps.vix.com))
- SMTP RSS maps check ([relays.mail-abuse.org](http://relays.mail-abuse.org))
- SMTP ORBS relay check ([relays.orbs.org](http://relays.orbs.org))
- SMTP DUL map check ([dialups.mail-abuse.org](http://dialups.mail-abuse.org))
- SMTP protection over spammers (IP-based and address-based)
- SMTP authentication (PLAIN LOGIN CRAM-MD5 POP3/SMTP)

## 2.2.2 PHPXMail Administration



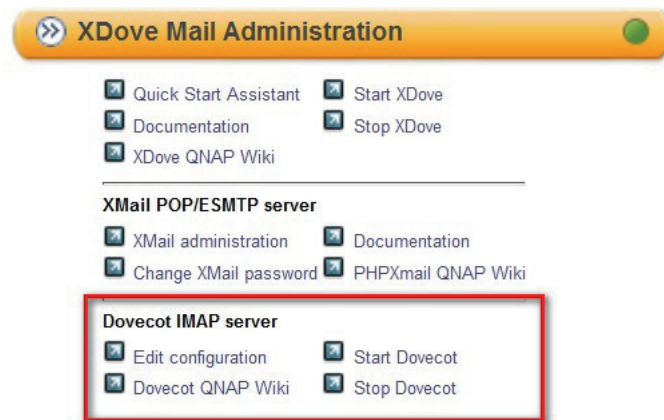
The screenshot displays the PHPXMail Administration interface. At the top left is the logo "PHP X Mail". Below it, the text "PHPXmail support" and "Version: 1.5 update" is visible. A sidebar on the left contains navigation links: "server config", "server domains", "server filters", "server spam lists", "server logs", "server spool", "phpxmail config", and "phpxmail setup". The main content area is titled "server logs" and shows a table of "server log files".

type	files	tot. size	last log rotation	first log rotation
 ctrl	5	22.4 Kb	2010-01-25 00:00	2009-12-31 00:00
 pop3	2	27.8 Kb	2010-01-01 00:00	2009-12-31 00:00
 smail	2	2.28 Kb	2010-01-01 00:00	2009-12-31 00:00
 smtp	2	5.13 Kb	2010-01-01 00:00	2009-12-31 00:00
Total: 11 57.7 Kb				

PHPXmail is the web-based management software for the Xmail mail server written in php. Its main usage is as a GUI (Graphic User Interface) to the Xmail administration extensions.

You must have an Xmail server that is correctly running and the host server must have the port 6017 free for Xmail remote control access. It allows the postmaster for each domain the Xmail server is configured to perform management functions and the users who have a mail account to manage their account settings.

## 2.3 Dovecot Server (<http://www.dovecot.org/>)



Dovecot is an open source IMAP and POP3 server for Linux/UNIX-like systems, written with security primarily in mind. Dovecot is an excellent choice for both small and large installations. It is fast, simple to set up, requires no special administration and it uses very little memory.

### FEATURES

- IMAP server
- POP3 server
- Admin-friendly
- Easily extensible
- Works with NFS and clustered filesystems
- Self-healing

## 2.4 RoundCube Webmail (<http://roundcube.net/>)



RoundCube Webmail is a free and open source webmail solution with a desktop-like user interface which is easy to install/configure and that runs on a standard LAMPP server. The skins use the latest web standards such as XHTML and CSS 2. RoundCube includes other open-source libraries such as [PEAR](#) and the IMAP wrapper from [IlohaMail.org](http://IlohaMail.org).

### FEATURES

- Available in 65 languages
- Drag-&-drop message management
- Full support for MIME and HTML messages
- Sophisticated privacy protection
- Compose messages with attachments
- Multiple sender identities
- Find-as-you-type address book integration
- Rich text/HTML message composing
- Forwarding messages with attachments
- Searching messages and contact
- Spell checking
- IMAP folder management
- Support for external SMTP server
- Plug-in API for flexible extensions



## 2.5 UebiMiau Webmail (<http://www.uebimiau.org/>)



Uebimiau is a universal webmail developed in PHP by Aldoir Ventura. It is free and can be installed in any email server.

### FEATURES

- It runs under any systems
- Does not require any extra PHP modules
- Does not need a database (MySQL, PostreSQL, etc.)
- Does not need IMAP, but compatible with POP3 and IMAP
- Compatible with the MIME Standard
- Does not need cookies
- Easy installation
- Compatible with Apache, PHP, Sendmail or QMAIL
- Can be easily translated into any languages

## Chapter 3. Install XDove

### Step 1. Download XDove

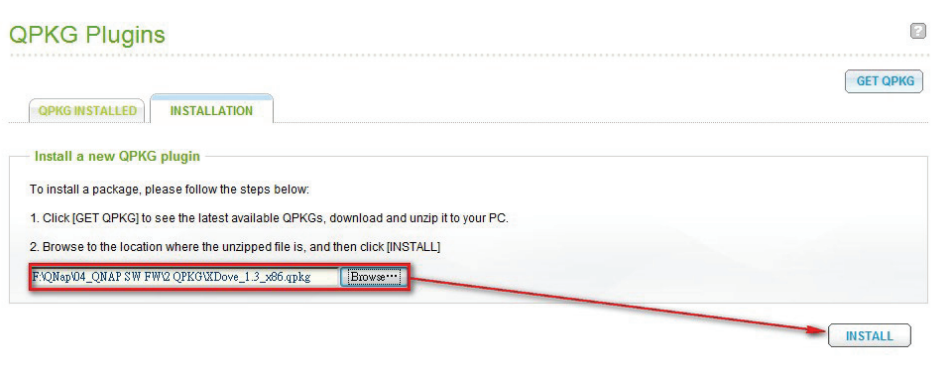
Login the administration page of the NAS, go to "Applications" > "QPKG Plugins" > "QPKG Installed" > "Get QPKG". Download the XDove files for your NAS model.

The screenshot shows the QNAP Turbo NAS administration interface. The left sidebar contains a navigation menu with 'QPKG Plugins' highlighted. The main content area displays 'QPKG Plugins' with tabs for 'QPKG INSTALLED' and 'INSTALLATION'. Three QPKG icons are shown: phpMyAdmin, Optware, and Transmission. A red box highlights the 'GET QPKG' button, and a red arrow points from it to the 'XDove' plugin page below.

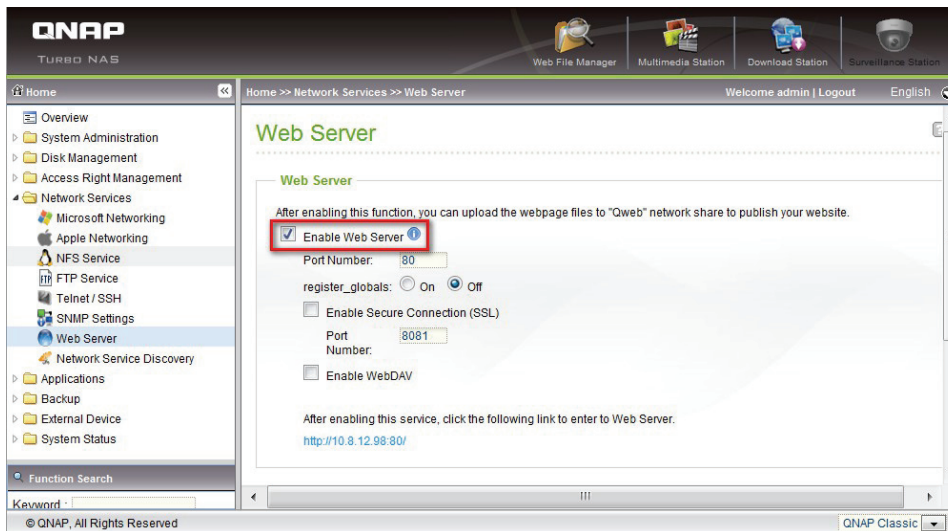
The 'XDove' plugin page features a blue header with the QPKG logo and the text 'Explore the unlimited possibilities of your QNAP NAS'. Below this is a list of categories: Tomcat, Asterisk, Java Runtime Environment, and XDove. The 'XDove' category is selected, showing a description, version (1.3), maintainer (Ad'Novea & QNAPAndy), and resource links. The 'Download' section is highlighted with a red box and lists the following download links:

Description:	XDove named after XMail & Dovecot the 2 open source offerings that are combined to provide a complete set of Email server functionalities which is one-click installable on your QNAP NAS. XDove not only provides SMTP, POP3 and IMAP services, it also comes with a variety of features like multiple virtual domains and accounts, AJAX webmail with extended functionalities including personal folders, address book, calendar and real-time chat among users under the same mail domain. Besides the mail services XDove offers scheduled backup and restore of your mailboxes from multiple domains which gives you an extra protection on the top of your RAID data redundancy.
Version:	1.3
Maintainer:	Ad'Novea & QNAPAndy
Resource:	Forum Discussion   QNAPedia Wiki
Download:	ARM (x09 series) [TS-109/ 209/ 409/ 409U] ARM (x19 series) [TS-110/ 119/ 210/ 219/ 219P/ 410/ 419P/ 419U] Intel x86 (x39 series) [TS-x39 series/ x59 Series/ 509/ 809/ 809U-RP/ SS-439/ 839]

## Step 2. Install XDove.



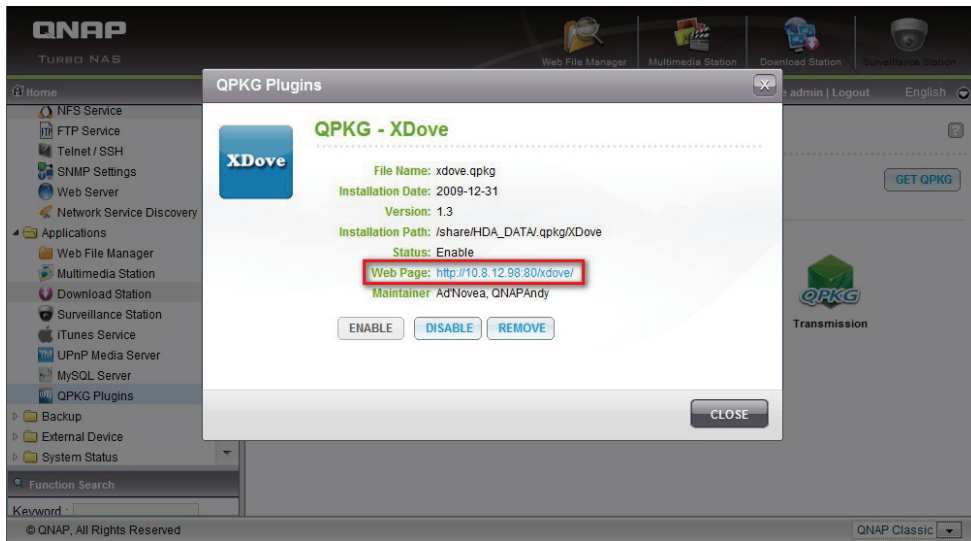
## Step 3. Enable Web Server.



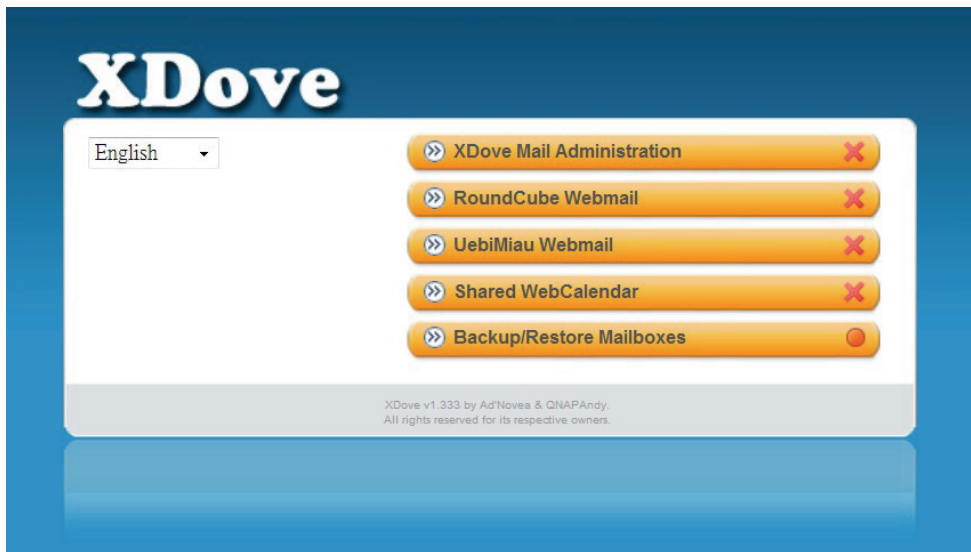
## Step 4. Enable XDove.



Step 5. Click the link: <http://NAS IP:80/xdove/>



Step 6. XDove web page is launched.



**Note:** Login XDove with the administrator username (admin) and the password of your NAS.

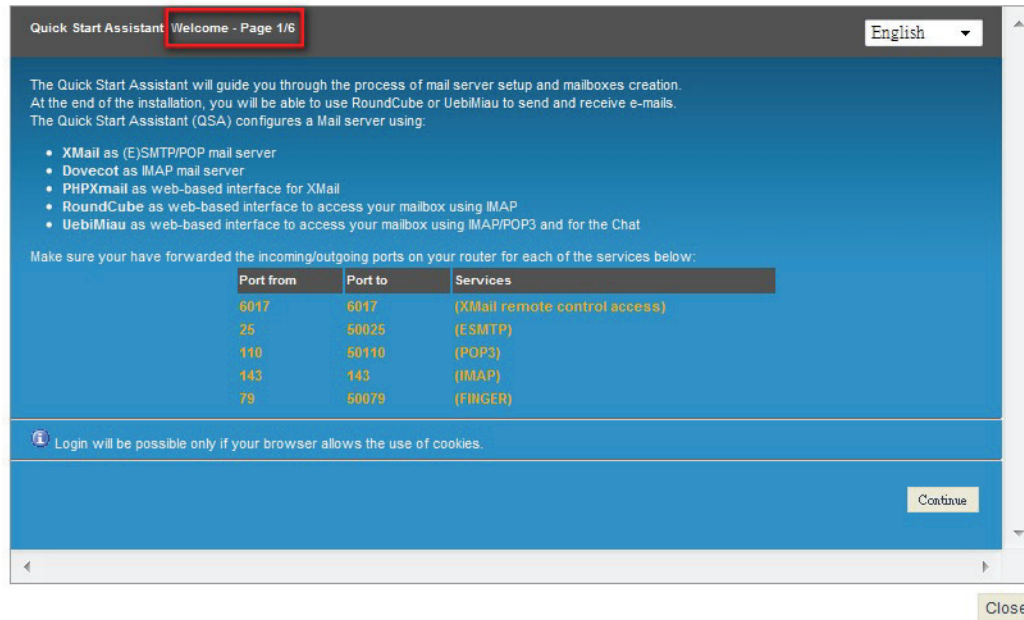
## Chapter 4. Quick Start Assistant (QSA)



The Quick Start Assistant (QSA) can take you through the setup process in 6 steps that allow you to add/remove user mail accounts or mail domains, set up Uebimiau and RoundCube webmails as well as XDove system administration (e.g. change the XMail password). It can be used instead of the PHPXMail application for basic XMail management. You can exit the QSA at any time. The configuration is saved at each step and will be reloaded when the QSA is run again.

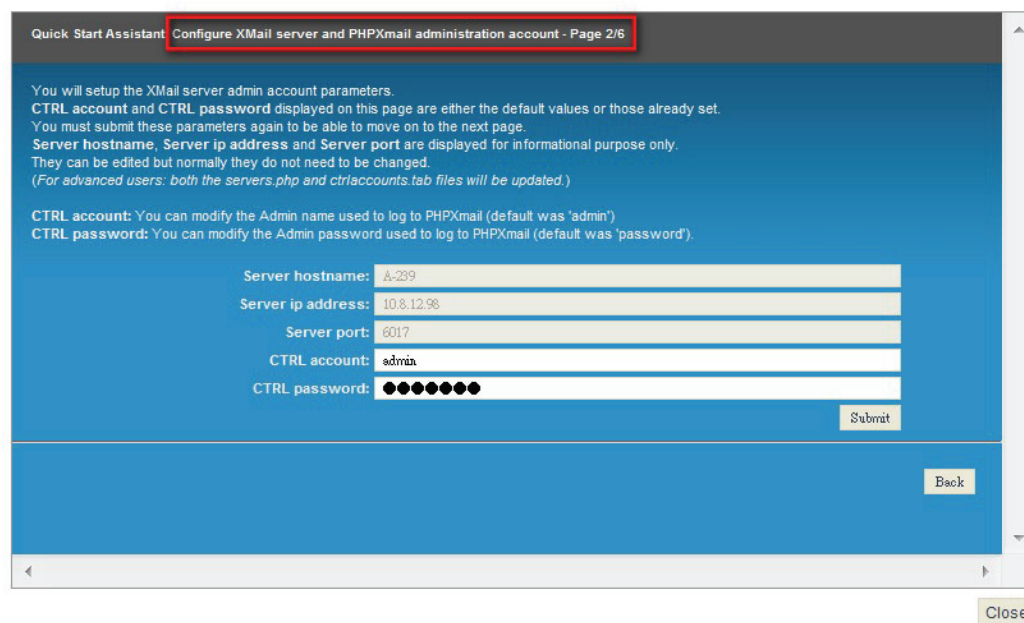
A brief explanation of each step in QSA is as below:

## 4.1 Welcome



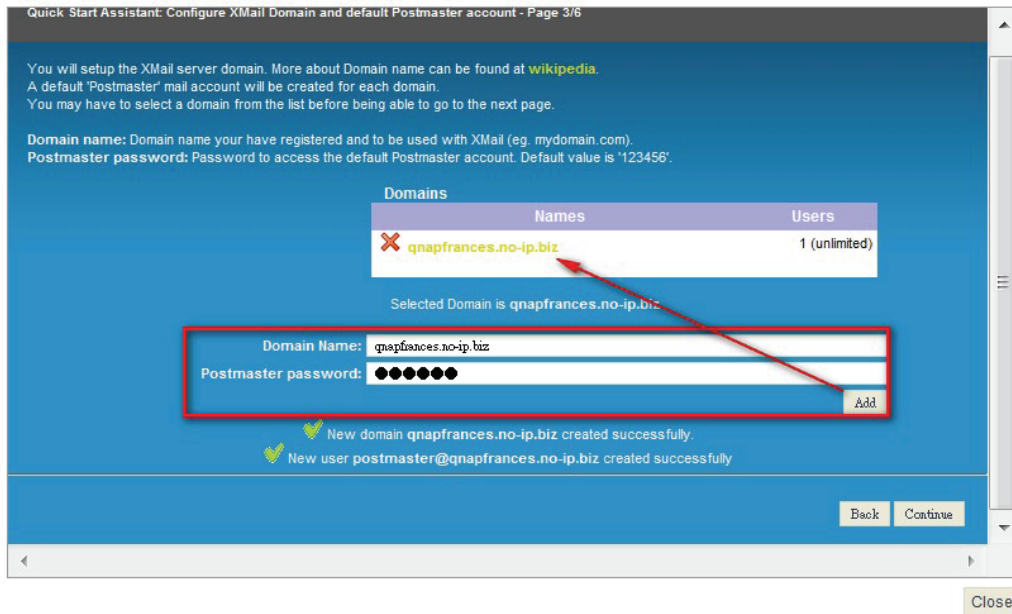
Make sure you have forwarded the incoming/outgoing ports on your router for each of the services.

## 4.2 XMail and PHPXmail Administration Account



Set up the XMail and PHPXmail administration account. You must submit this page to be able to proceed to the next settings.

### 4.3 XMail Domain and Postmaster Account



You must have registered a domain name and assigned it to the mail system. Enter the domain name you have registered and the password to access the postmaster. Advanced configuration can be managed later on through the PHPXMail application.

## 4.4 Dovecot and XMail SMTP

Quick Start Assistant: Configure Dovecot and XMail SMTP - Page 4/6

Default SMTP Gateways/Port: To use the XMail SMTP server for sending mails, leave this entry empty and the port set to 50025. Enable your mail redirector (MX Record DNS / mail exchanger) at your Domain name registrar. More information is available at [wikipedia](#). You can also use your ISP (Internet Service Provider) SMTP gateway to route your e-mails (e.g. smtp.aol.com). The default SMTP port is certainly 25 (forward your port accordingly). Should your ISP require an authentication connection, you will have to follow these [instructions](#).

**WARNING:**

- With the XMail SMTP server enabled, wrong setting may end with an open SMTP relay server used by spammers over the internet!
- By default, some ISPs block the outgoing SMTP (port 25). You must enable it again to use the XMail SMTP server.

Default SMTP Gateways/Port:

Updated successfully.

The options here will define how your mails will be routed. The (E)SMTP (Extended-Simple Mail Transfer Protocol) XMail server can route your messages. Leave the Default SMTP Port empty (it can also be your server name or IP). The option when be disabled if it is left empty (recommended). Using XDove requires the XMail SMTP server port to be set to **50025**.

If you choose to let your ISP (Internet Service Provider) route your mails, set your ISP SMTP (e.g. smtp.aol.com) AND set the port to the ISP SMTP port. The ISPs usually use the default SMTP port value **25**.

- By default, some ISPs block the access to the SMTP but let you re-enable this function through your Internet account management interface (e.g. free in France).
- Setting your own SMTP router may cause some problems such as server overload, security breaches, and potential SPAMs relay. If you are not feeling comfortable with such issues, setting your ISP SMTP as default gateway may be an alternative.
- Some ISPs require authenticated connections. This shall be manually configured using the XMail instructions available at [SMTP CLIENT AUTHENTICATION](#).



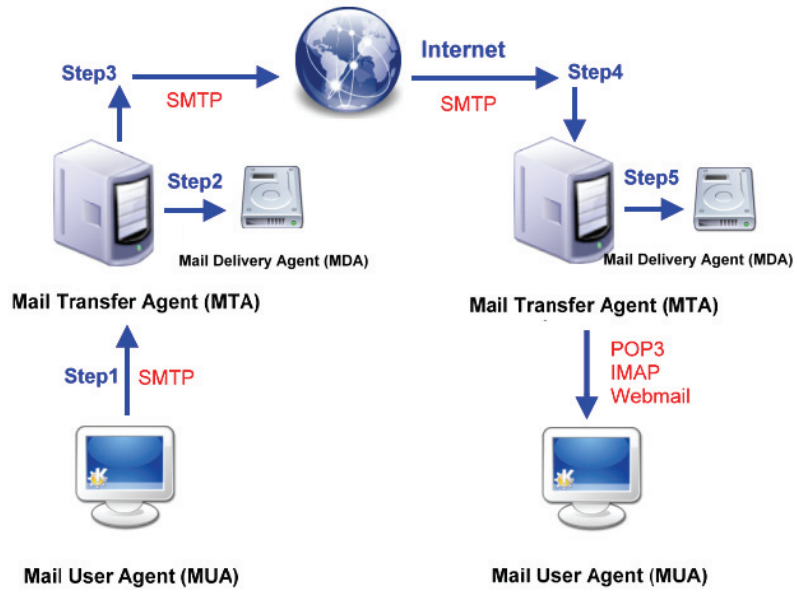
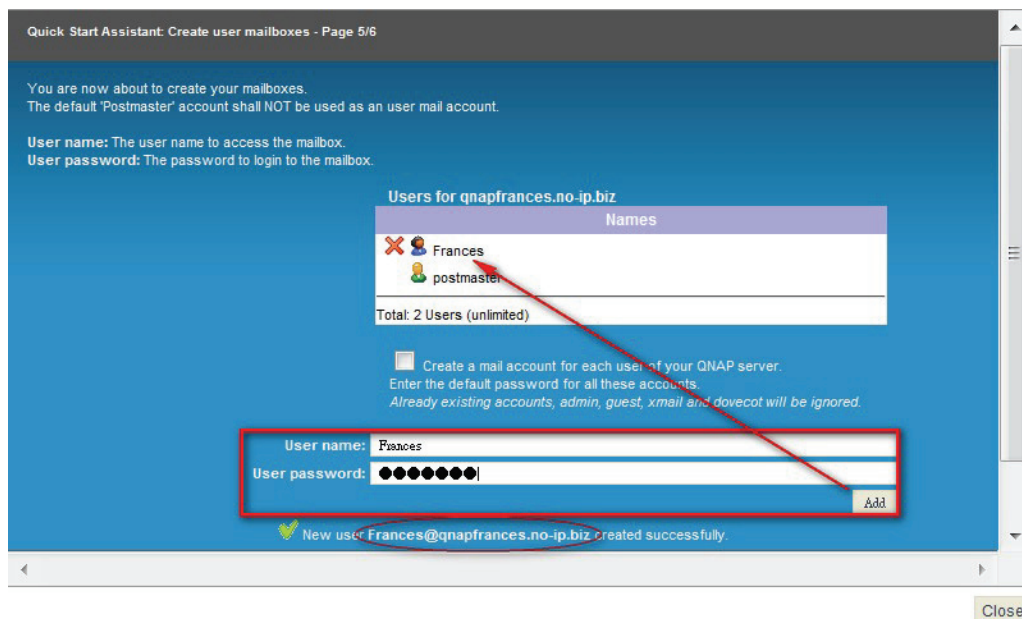


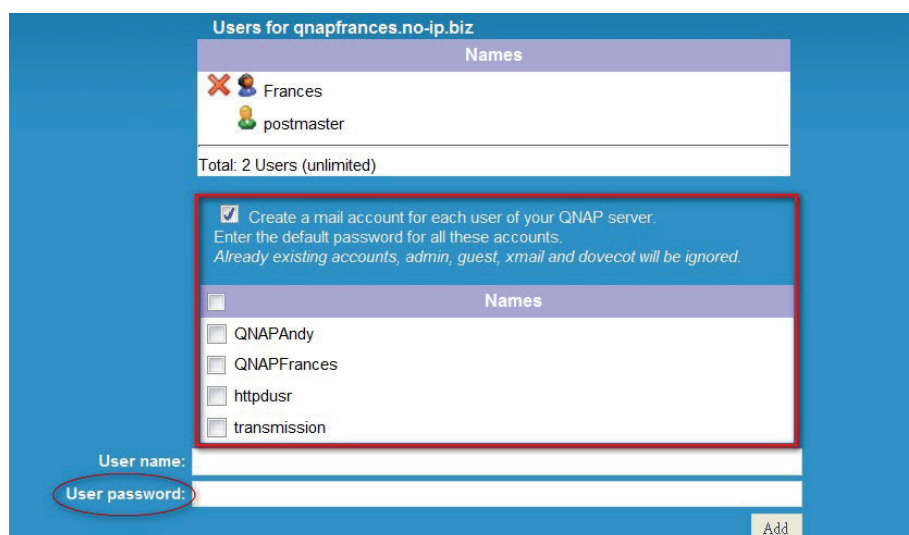
Photo Source: <http://www.twbsd.org/cht/book/index.php?ch=16>

## 4.5 Create User Mailboxes



There is already a Postmaster account created with your domain. This account cannot be deleted and is required by the mail system. DO NOT use this account as a regular user account. On this page you will be able to:

- Create new user accounts (and the associated mailboxes)
- Delete user accounts (but the Postmaster account)
- Automatically create an account for each user registered (\*) on your QNAP NAS. A default password for all these new accounts shall be set in "User password".

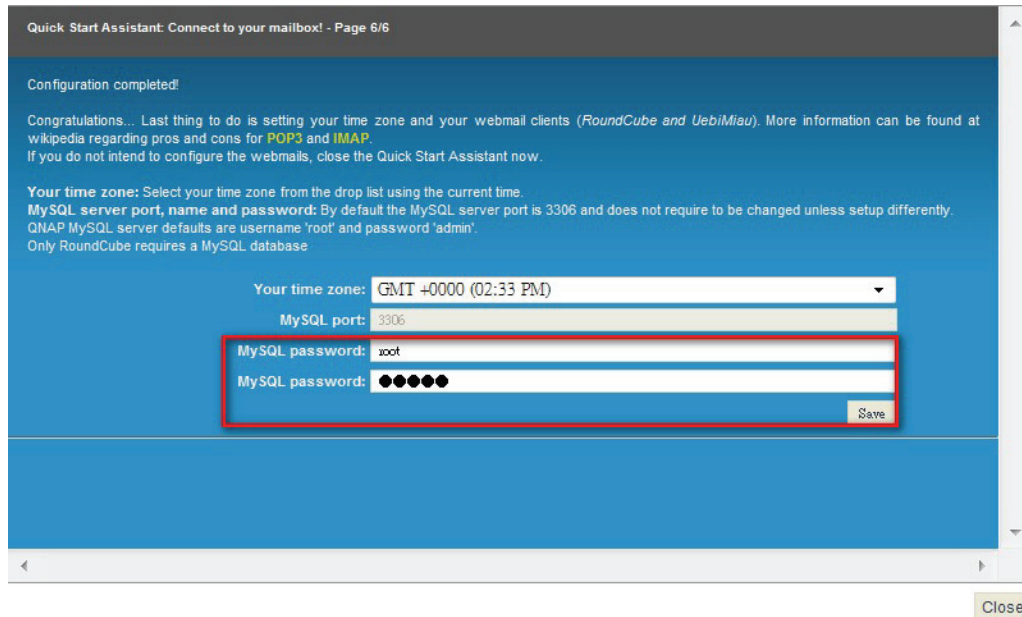


(\*) To create mail accounts for the NAS users:

1. Check the box and the list of your NAS registered users will drop down.
2. Select all (check the box at the top) or only the NAS users for those you want

3. Set the default password for the mail accounts.
4. The users will be able to change their password after they login PHPXmail ([http://<your\\_nas>/phpxmail](http://<your_nas>/phpxmail)) with the default password.

## 4.6 MySQL Server



Quick Start Assistant: Connect to your mailbox! - Page 6/6

Configuration completed!

Congratulations... Last thing to do is setting your time zone and your webmail clients (*RoundCube* and *UebiMiau*). More information can be found at wikipedia regarding pros and cons for **POP3** and **IMAP**.  
If you do not intend to configure the webmails, close the Quick Start Assistant now.

**Your time zone:** Select your time zone from the drop list using the current time.  
**MySQL server port, name and password:** By default the MySQL server port is 3306 and does not require to be changed unless setup differently. QNAP MySQL server defaults are username 'root' and password 'admin'.  
Only RoundCube requires a MySQL database

Your time zone: GMT +0000 (02:33 PM)

MySQL port: 3306

MySQL password: root

MySQL password: ●●●●●●

Save

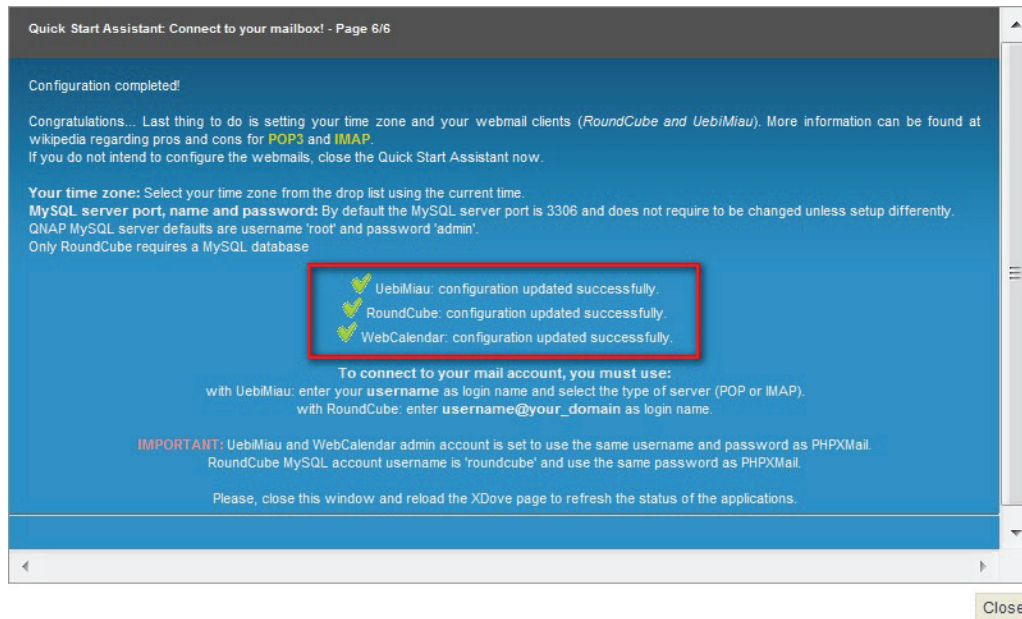
Close

The XMail server has been configured and now the webmail client UebiMiau and RoundCube will be setup. If you do not intend to configure the webmails, you can close the QSA now. You can go through the QSA process later on and configure the webmail settings if required.

Select your timezone. RoundCube requires access to the MySQL server and will use a database. The default MySQL username and password are "root" and "admin".

Shall the RoundCube configuration fail, a message will be displayed. Retry with new parameters. If you do not intend to use RoundCube, you may ignore this message and only UebiMiau webmail will be configured.

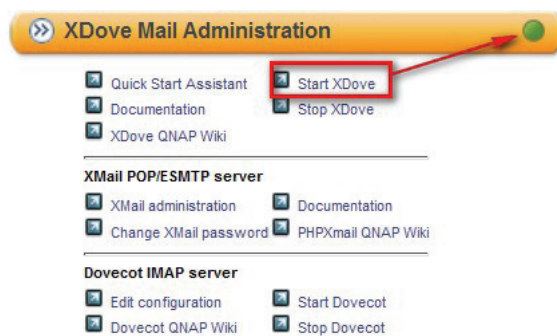
## 4.7 Configuration Completed



You are now ready to access your mailbox using RoundCube or UebiMiau from the XDove menu. Click "Close" to return to the XDove Menu.

**Note:** Uebimiau webmail client supports both POP3 and IMAP accesses;  
RoundCube webmail client supports only IMAP.

## 4.8 Start XDove



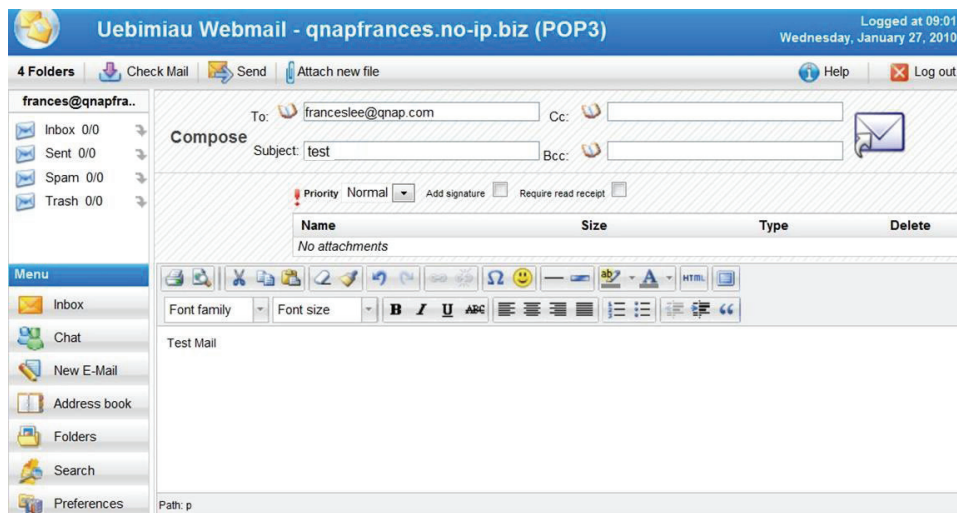
## Chapter 5. Send a Test Mail

Step 1. Login one of email clients, e.g. Uebimiau Webmail.

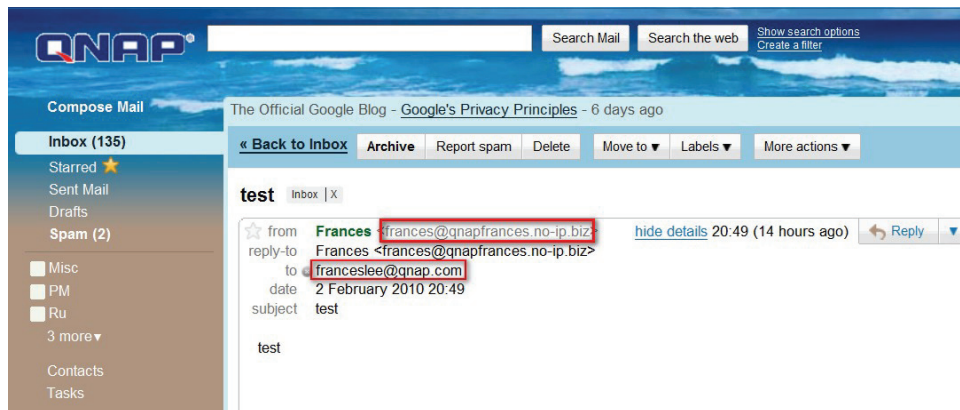


Click the Uebimiau logo to launch the webmail interface.

Step 2. Send a test mail.



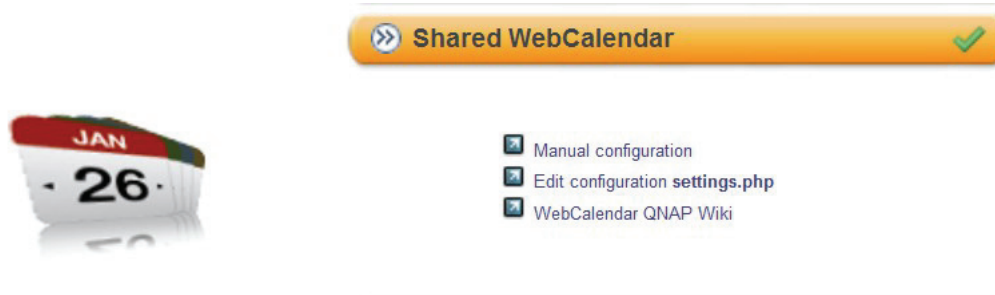
Step 3. Receive the test mail.



Step 4. Refer to the [FAQ](#) for help.

## Chapter 6. WebCalendar

WebCalendar is a web-based calendar application provided by [k5n](http://www.k5n.us/) under GPL license. More information about k5n software and WebCalendar features can be found on the k5n website.



### FEATURES

- Support for multiple calendars
- Import calendar data in iCalendar or CSV (MS Outlook) format
- Open source license: free of charge
- Simple and intuitive user interface
- User authentication: Web-based, HTTP, LDAP or NIS

Please visit <http://www.k5n.us/> for more information.

### \* XDove WebCalendar Post-installation:

Once the QPKG has been installed, you can set up the WebCalendar application. After activating XDove (and especially Dovecot), you will be able to login to the WebCalendar.

During the XDove installation, there is an administrator account `postmaster@<your_domain>` that is created using the password set for PHPXmail (by default password). You may start to use this account.



1. Login the configuration wizard. The login password for the installation is the PHPXmail password.

After your first login, you will be redirected to the installation page to complete the setting. Click "NEXT" to move on to the next installation page.

WebCalendar Installation Wizard Step 1	
This installation wizard will guide you through setting up a basic WebCalendar installation. For help and troubleshooting see:	
<ul style="list-style-type: none"><li>• <a href="#">System Administrator's Guide</a></li><li>• <a href="#">FAQ</a></li><li>• <a href="#">Troubleshooting</a></li><li>• <a href="#">Getting Help</a></li><li>• <a href="#">Upgrading Guide</a></li><li>• <a href="#">User Supported Wiki</a></li></ul>	
PHP Version Check	
Check to see if PHP 4.1.0 or greater is installed.	✔ PHP version 5.2.11
PHP Settings	
Safe Mode	✔ OFF
Safe Mode Allowed Vars (required only if Safe Mode is On)	✘
Register Globals	✔ OFF
Display Errors	✘ OFF
File Uploads	✔ ON
Allow URL fopen (required only if Remote Calendars are used)	✔ ON
GD (needed for Gradient Image Backgrounds)	✔ ON
Session Check	
To test the proper operation of sessions, reload this page You should see the session counter increment each time.	✘ SESSION COUNTER: 0
Settings.php Status	
Your settings.php file appears to be valid.	✔ OK
Configuration Wizard Password	
Password:	<input type="text"/> <input type="button" value="Login"/>

2. Click "Test Settings". The green information tells you that the configuration is correct. Click "NEXT".

WebCalendar Installation Wizard Step 2	
In this section you will set up and test a connection to your database server. The account information supplied should have FULL permissions to create databases, tables and users. If this is not possible, or your database access is limited, you will have to manually configure your database.	
Database Status	
✘ ✘ Your current database settings are <b>not</b> able to access the database or have not yet been tested.	
Database Settings	
Database Type:	MySQL
Server:	localhost
Login:	root
Password:	admin
Database Name:	webcalendar
Connection Persistence:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Database Cache Directory:	/tmp
<input type="button" value="Test Settings"/>	
<input type="button" value="← Back"/> <input type="button" value="Next →"/> <input type="button" value="Logout"/>	

3. Click "Update database" and then "NEXT".

WebCalendar Installation Wizard Step 3
In this section we will perform the required database changes to bring your database up to the required level. If you are using a fully supported database, this step will be performed automatically for you. If not, the required SQL can be displayed and you should be able to cut & paste it into your database server query window.
Database Status
The database requires some data input. Click <b>Update Database</b> to complete the upgrade.
<b>The following database actions are required</b>
This may take several minutes to complete.
<input type="button" value="Update Database"/>
<input type="button" value=" &lt; Back"/> <input type="button" value=" Next -&gt; "/> <input type="button" value=" Logout"/>

4. Configure the application settings.

WebCalendar Installation Wizard Step 4
This is the final step in setting up your WebCalendar Installation.
Application Settings
<ul style="list-style-type: none"><li>• HTTP-based authentication was not detected. You will need to reconfigure your web server if you wish to select 'Web Server' from the 'User Authentication' choices below.</li></ul>
<p><b>Create Default Admin Account:</b> <input type="checkbox"/></p> <p><b>Application Name:</b> <input type="text" value="Title"/></p> <p><b>Server URL:</b> <input type="text" value="http:// /webcalendar/"/></p> <p><b>User Authentication:</b> <input type="text" value="IMAP"/> <input type="button" value="v"/></p> <p><b>Single-User Login:</b> <input type="text"/></p> <p><b>Read-Only:</b> <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><b>Environment:</b> <input type="text" value="Production"/> <input type="button" value="v"/></p>
<input type="button" value=" Save Settings "/> <input type="button" value=" Logout"/>

- You will be prompted to create an admin account on this page. Since we have already created an admin account using the postmaster@<your\_domain> and the PHPXmail password, there is no need to create an additional admin account.
- Your **URL** should be correct unless you want to be able to login from a different URL.
- Select "IMAP" as user authentication to enable any XMail users to login and create a calendar.
- Leave the **Read-only** option as "No".
- Click "Save Settings".

## 5. Launch WebCalendar:

### WebCalendar



Username:

Password:

Save login via cookies so I don't have to login next time

**Note:** This application requires cookies to be enabled.

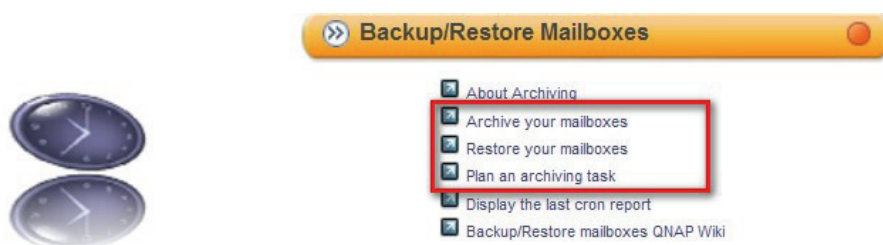
---

WebCalendar v1.2.0 (27 Sep 2008)

If you have selected IMAP for authentication, you may login WebCalendar by your email account and password.

My Calendar Events Views Settings Search Help							Month: Jan 2010	Week: Jan 24 - Jan 30	Year: 2010	Logout: l@qnapfrances.no-ip.biz			
December 2009		January 2010					February 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
01	02	03	04	05	06	07	08	09	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											
01	02	03	04	05	06	07	08	09	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

## Chapter 7. Backup & Restore



The mailboxes created with XDove (xmail) are not archived unless you do it yourself. We provide you with a few tools to:

- **Archive** all your mailboxes at once.
- **Restore** all your mailboxes from a previous archive.
- **Plan a task** to archive all your mailboxes.



The icon opposite to the Backup/Restore mailboxes title displays:

- **A red cross** when no backups have been done (no archive is available in the "/archives" directory)
- **An orange dot** as soon as one archive is available (there is at least one backup of your mail system)
- **A clock** when an automatic archiving task is scheduled

## 7.1 Archive Mailboxes

Archive your mailboxes

The archiving process may keep a limited number of archives. If you have reach the maximum number of archives, the oldest archive will be deleted unless you decide yourself to free some place by deleting one of the archives.

List of XMail archives (max. 5)

File names	Date	Size	
xmail_um_rc_T20100128082901.tgz	January 28, 2010 08:29:01	24.99 kB	X
xmail_um_rc_T20100128082801.tgz	January 28, 2010 08:28:01	24.99 kB	X
xmail_um_rc_T20100128082701.tgz	January 28, 2010 08:27:01	24.99 kB	X
xmail_um_rc_T20100128082601.tgz	January 28, 2010 08:26:01	24.99 kB	X
xmail_um_rc_T20100128082501.tgz	January 28, 2010 08:25:01	24.99 kB	X

Select the options below and press the 'Save' button to create a new archive.

Archiving:  XMail (cfg +mailboxes)  Uebimiau (cfg +POP)  RoundCube (cfg+Db)

Save

You can create or remove archives here. An archive may include some options below:

- **XMail** configuration and mailboxes
- **UebiMiau** database (pop-ed messages and configuration)
- **RoundCube** database (MySQL database and configuration)

The archived files will be stored in the \Qweb\xdove\archives directory on the NAS.

Re-installation: If you uninstall XDove, you will remove the archive directory too and lose all the archives. To reinstall XDove from scratch, you may first copy the archived files on your local disk for later re-import into the ".qpkg/XDove/archives" directory. The archived files can be imported from the Restore page.

## 7.2 Restore Mailboxes

Restore your mailboxes

**IMPORTANT:** You are about to restore your mailbox system. **XDove WILL BE STOPPED.**  
The restoration will overwrite your current mailboxes and/or system configuration.  
To restore RoundCube data, the RoundCube MySQL database shall already exist otherwise run the Quick Start Assistant first.

If you intend to completely reinstall your mail system, keep in mind that the archive directory will be deleted with the XDove removal. To keep a copy of one or more archives, click on their respective names and save the archive file on your local disk.

List of XMail archives (max. 5)

File names	Date	Size
xmail_um_rc_T20100128091401.tgz	January 28, 2010 09:14:01	24.99 kB
xmail_um_rc_T20100128091301.tgz	January 28, 2010 09:13:01	24.99 kB
xmail_um_rc_T20100128091201.tgz	January 28, 2010 09:12:01	24.99 kB
xmail_um_rc_T20100128091101.tgz	January 28, 2010 09:11:01	24.99 kB
xmail_um_rc_T20100128091001.tgz	January 28, 2010 09:10:01	24.99 kB

Import archive:

Select the options below and press the 'Restore' button to proceed.

Restoring:  XMail (cfg.+mailboxes)  Uebimiau (cfg.+POP)  RoundCube (cfg.+Db)

You can import an archived file from an external or local disk. It has to be a TGZ formatted archive. The archive will be added to the list of archive files already available on your system.

**WARNING:** If a planned task is running in background and you are importing an archived file, the imported file and the new archive will be kept as long as the total number of archived files does not exceed the setup value (5 by default). In other words, some of your old archives may be deleted. To avoid such a situation, you'd better stop your schedule task if any.

### 7.3 Plan an Automatic Mailbox Archiving (Scheduled Backup)

Plan an automatic mailbox's archiving

You may plan an automatic archiving of your Mail system by adding an entry in the 'Cron' table of your NAS. Occurrences of the Mail system backup can be set on this page. A new setting will replace the previous one if any. The latest archives will be kept while the older ones will be removed. You can check the correct execution of the last planned archiving by looking at the log file [here](#)

Archiving task is already **SCHEDULED**

Every hours  
 At the hours and dates below

Months	Days of the week	Days	Hours	Minutes
<input checked="" type="checkbox"/> All	<input checked="" type="checkbox"/> All	<input checked="" type="checkbox"/> All	<input type="checkbox"/> All	<input type="checkbox"/> All
January	Sunday	1	6	0

Select the options below and press the 'Submit' button to create the archiving task.

Archiving:  XMail (cfg.+mailboxes)  Uebimiau (cfg.+POP)  RoundCube (cfg+Db)

You may plan an automatic archiving of your mail system. The archive will be saved at the time and date selected, stored and kept available according to the file rotation process (by default only the latest 5 archives are kept). You can define your own settings or use the default schedules.

**XDove**

English

- » XDove Mail Administration
- » RoundCube Webmail
- » UebiMiau Webmail
- » Shared WebCalendar
- » Backup/Restore Mailboxes

XDove v1.333 by Ad'Novea & QNAPAndy.  
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## Chapter 8. FAQ

### **Q: Why I cannot send emails?**

Please check the following:

- The [port forwarding](#) settings on your router.
- The [DNS Server](#) settings on your NAS; verify if it is set to static IP address.
- Use [MX Lookup](#) tool to check if mail exchanger has been set correctly.
- Your ISP has enabled the outgoing SMTP port 25.

### **Q: Why I cannot receive emails?**

Please check the [port forwarding](#) settings on your router.

### **Q: Why I cannot login UebiMiau?**

- You must use the "username" (e.g. frances) along with your account password to connect your mailbox and select the type of server (POP3 or IMAP).
- Make sure you have configured Uebimiau using 50110 for POP port and 50025 for SMTP port.
- Make sure you have created the user account either by the Quick Start Assistant or the PHPXMail web-based administration interface.

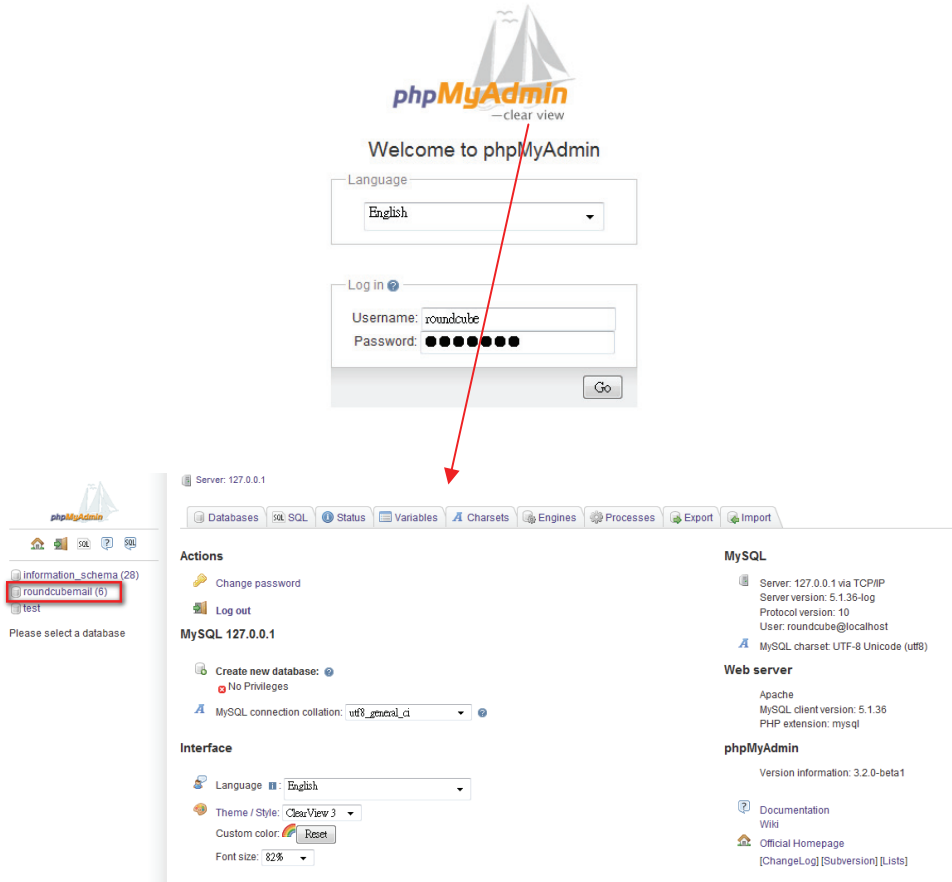
### **Q: Why I cannot login RoundCube?**

- You must use the "username@your\_DomainName" (e.g. frances@qnapfrances.no-ip.biz) along with your account password to connect your mailbox.
- Make sure you have configured RoundCube using 143 for IMAP port and 50025/25 for SMTP port.
- Make sure you have created the user account either by the Quick Start Assistant or the PHPXMail web-based administration interface.



## Q: How to login MySQL RoundCube account?

The user name of RoundCube MySQL account is "roundcube" and the password is the same as that of PHPXMail.



The image shows two parts of the phpMyAdmin interface. The top part is the login screen, which includes the phpMyAdmin logo, a "Welcome to phpMyAdmin" message, a language dropdown menu set to "English", and a login form with "Username: roundcube" and a masked password field. A red arrow points from the login form to the main dashboard below. The dashboard shows the server name "Server: 127.0.0.1" and a navigation bar with tabs for Databases, SQL, Status, Variables, Charsets, Engines, Processes, Export, and Import. On the left, a sidebar lists databases: "information\_schema (28)", "roundcubemail (6)", and "test", with "roundcubemail (6)" highlighted in a red box. The main content area is divided into sections: "Actions" (Change password, Log out), "MySQL 127.0.0.1" (Create new database, No Privileges, MySQL connection collation: utf8\_general\_ci), "Interface" (Language: English, Theme / Style: ClearView 3, Custom color: Reset, Font size: 22%), "MySQL" (Server: 127.0.0.1 via TCP/IP, Server version: 5.1.36-log, Protocol version: 10, User: roundcube@localhost, MySQL charset: UTF-8 Unicode (utf8)), "Web server" (Apache, MySQL client version: 5.1.36, PHP extension: mysql), and "phpMyAdmin" (Version information: 3.2.0-beta1, Documentation, Wiki, Official Homepage, [ChangeLog] [Subversion] [Lists]).

### Q: How to set up my POP mailbox with Outlook?

- In Outlook open the "Tools/Mail accounts" dialog box. Select "Add new account" and click "Next".
- Click "POP3" and fill the fields with:
  - ✓ Your name and e-mail address (username@domain)
  - ✓ POP3 server with "your\_domain" and SMTP server with "your\_domain"
  - ✓ Login user name and password. The user name should be written as "username@your\_domain".
- If your NAS is directly attached to the WAN (not behind a NAT router), you should use port 50110 for the POP3 settings.

Change E-mail Account

**Internet E-mail Settings**  
Each of these settings are required to get your e-mail account working.

**User Information**  
Your Name: Frances  
E-mail Address: frances@qnapfrances.no-ip.b

**Server Information**  
Account Type: POP3  
Incoming mail server: qnapfrances.no-ip.biz  
Outgoing mail server (SMTP): qnapfrances.no-ip.biz

**Logon Information**  
User Name: frances@qnapfrances.no-ip.b  
Password: \*\*\*\*\*  
 Remember password  
 Require logon using Secure Password Authentication (SPA)

**Test Account Settings**  
After filling out the information on this screen, we recommend you test your account by clicking the button below. (Requires network connection)  
Test Account Settings ...

More Settings ...

< Back   Next >   Cancel

**Q: How to set up my IMAP mailbox with Outlook?**

- In Outlook open the "Tools/Mail accounts" dialog box. Select "Add new account" and click "Next".
- Click "IMAP" and fill the fields with:
  - ✓ Your name and e-mail address (username@domain)
  - ✓ IMAP server with "your\_domain" and SMTP server with "yourdomain"
- Your login name and password. Your name should be written as "username@your\_domain".
- You can add and remove folders to sort your mails. These folders are created on the mail server and may be accessed from different remote locations.
- Deleted messages from the IMAP inbox can still be recovered. They are just struck out.

## Q: How can I stop/start XDove?

XDove can be started or stopped from the XDove interface.



XDove will start or stop the XMail server (ESMTP/POP3) and Dovecot (IMAP) server. When the servers are running, a green light is displayed otherwise the light becomes orange.

There is a possibility to start/stop the Dovecot IMAP server independently. To be able to start the Dovecot server, the XMail server must be running.

Whenever the IMAP server is not required, you can turn it off. Keep in mind that the light will become orange but the ESMTP/POP3 server will be running and let you access your mailboxes using a POP webmail client (e.g. UebiMiau).

**Q: Why XDove does not start?**

1. Follow the steps below to solve this problem:
  - Back up your mail data.
  - Remove the previous XDove installation and install XDove again.
  - Upgrade the QNAP NAS to the latest QNAP firmware version.
  - Reboot the server.
2. If you cannot access the XDove interface page, try the steps below:
  - Try the fully qualified URL: `http://NAS IP/xdove/index.php`
  - Make sure the username and password are correct (you MUST use the admin account to login)
3. If your browser attempts to connect to 169.254.100.100, restart your Apache server. It can be achieved through the QNAP NAS administration page (Network Settings > Web Server) or by using a console and the following command line: `/etc/init.d/Qthttpd.sh restart`.

**Q: How can I upgrade XDove version?**

XDove, from v1.3 onwards, is fully upgradeable that you do not need to perform removal prior to installing the new version. However you are still advised to make a backup of your mails before the upgrade.

**Q: How can I help to translate XDove into other languages?**

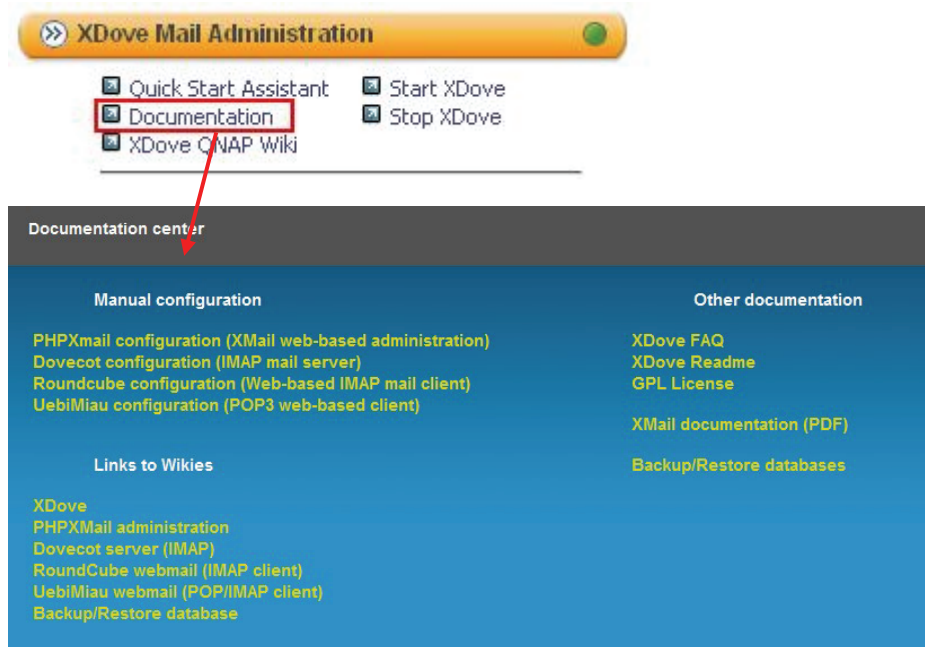
If you wish to contribute the translation into other languages, you may refer to the English translation file used in the XDove on [http://wiki.qnap.com/wiki/XDove\\_Language\\_Support](http://wiki.qnap.com/wiki/XDove_Language_Support) and enter your translation. Once completed, please email the translated file to either of the emails listed below. We will add your translation to the XDove and it will be available in the coming release.

- [andychuo@qnap.com](mailto:andychuo@qnap.com)
- or PM adnovea at <http://forum.qnap.com>

## Q: Where can I get more information about XDove?

You may visit the following links:

1. XDove Documentation Center. Most of the documentation is accessible from the XDove Documentation Center.



2. QNAPedia (<http://wiki.qnap.com/wiki/Category:XDove>)

