IceWarp Server

Webmail Administration Guide

Version 10

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IceWarp WebMail

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Introduction

This document describes IceWarp WebMail - the New Generation IceWarp WebMail introduced with IceWarp Server version 10.

It is important to understand the concepts and functionality of IceWarp WebMail - especially the procedure to switch from IceWarp WebMail Basic to IceWarp WebMail and also how to migrate existing plain text address books.

IceWarp WebMail Concepts

Overview

IceWarp WebMail sets users free from their desks and boosts productivity with advanced IceWarp GroupWare features.

Fully-featured yet easy to use, IceWarp WebMail allows web access to email, calendars, contacts, files and shared data from any computer with a web-browser and internet connection, without none of the usual configuration hassle.

Thanks to advanced technologies giving the look and feel of a desktop application, IceWarp WebMail is set to become the ultimate replacement for Outlook and similar desktop mail clients.

Great for workers on the move, with easy to maintain desktops and fast, low-cost deployment.

Zero configuration

Absolutely nothing to configure, ideally suited for roaming between Wifi networks and mobile data access.

The ability to bypass port 25 blocking/forwarding by many ISP networks, allowing greater access.

Pre-configurable User settings so your Users can start working immediately.

Everything stored on the server. The Administrator can make any adjustments in production, without accessing individual User's machines.

Mobility

Thanks to full IMAP support, IceWarp WebMail can reflect exactly the same state as user's standard desktop client, with messages marked read, flagged and sorted to user folders.

Outgoing messages organized into the Sent folder.

Spam folder cleaned up by spam administrator (or the User if Spam reports are active).

Your User can store important files on the server, share and synchronize documents they are working on and have them available anytime from anywhere.

Rich text message composer with autosave and spell checker can also serve as a convenient notepad.

Travelling to a different time zone? Nothing to do except adjust the computer's clock, and the calendar will reflect the change.

Usability

IceWarp WebMail delivers a better user experience than ever before, thanks to pure Web 2.0 design.

The speed is comparable to standard desktop email clients, even for thousands of messages.

Complete UTF-8 support means international businesses no longer need to deal with message encoding issues - from French to Japanese, any and all languages are available at once.

Automatic sign-on, periodical email checking, search, sorting, flagging and image preview will make it the favorite interface for mail management.

Security

Designed by our experts in secure messaging, and powered by the latest generation Server-side technology, IceWarp WebMail is resistant to attacks, communicates securely, encrypts individual messages, protects user data and leaves no track on the client computer at all.

Organizations no longer have to make the choice between productivity and privacy. By taking all email to this web-driven solution, encompassing both client and server parts of the formula, the highest levels of security can be enforced with great success.

With nothing to fail on the client side and extensive backup and archive options on server side, chances are extremely low that a user will ever miss an important email again.

Performance

The development of IceWarp WebMail was tightly coordinated with the IceWarp Email Server core development, increasing the speed at which data is exchanged with the server (using a highly effective database backend as a cache). Special techniques were also used at the client end, to transfer processing load from the server to the client whenever possible, decreasing the load on the server, and increasing User-perceived processing speed.

This has resulted in an extremely quick interface response and user experience, even on slower connections.

The client application is downloaded only once, then there is no more waiting for a screen refresh - the AJAX technology takes care of everything quickly and efficiently.

Integration

Without the close integration with the server software, as used with IceWarp WebMail, the speed of IceWarp WebMail systems is slow and many of the useful features of IceWarp WebMail are just not possible.

IceWarp WebMail's integration with IceWarp Server takes it that extra step, allowing, for example, full Outlook and smartphone synchronization.

There are Spam management features, VoIP number direct dial, catalogue file repositories and many wonderful details such as IMAP compatible flagging or access to planned events from within Instant Messenger.

And the technology used means that the possibilities with future extensions are endless.

Designed also for use with other company systems, there is a login integration kit for intranet or web portals, along with CSS2 based skin support for custom branding of every single UI element, achieved through structured XML description files.

IceWarp GroupWare

Complete Outlook functionality for $0 expense in workstation software?

The dream of every IT manager has come true with IceWarp GroupWare features integrated into IceWarp WebMail (this requires the IceWarp GroupWare Module on the server).

- Shared accounts
- Outlook-like sharing, private/public/shared items
- Groups, Friends, Access privileges
- Free/busy status view even for un-authorized users
- Shared Events, Contacts, Distribution Lists, Tasks, Notes, Files, Journals
- Calendar with day/week/month/agenda views
- Drag & Drop calendar event positioning and resizing
- Color labels compatible with Outlook
- Working hours auto scrolling
- Event recurrence and exceptions
- Preset holiday with definable organization-wide events
- Attachments to all objects
- Public/shared/IMAP folders
- vCard and vCalendar and message source support (Outlook compatible)

Features

Highlights

- ASpell spell checker with multiple dictionaries
- IMAP compatible flagging
- VoIP - dial a contact number via SIP
- Search in contacts, appointments, email - anywhere
- Public/Private file folders for backup or synchronization
- Save All attachments to Zip
- Keyboard control, Outlook keyboard shortcuts

Automation

- Auto login
- Auto save to Drafts

- Auto check for new messages with sound

- Auto empty trash on exit

- Auto responder

- Automatic mail and calendaring time-zone adjustment to OS settings

Interface

- Password recovery

- Sound notification on message arrival

- Multiple accounts

- Unlimited subfolders within folder tree structure

- HTML email compose and receive

- Comprehensive Rules and Filters (actions based on content/headers), control mail delivery

- Spam management- black and white lists, quarantine, reports

- Flagging system with sorting capabilities

- Forwarder

- Read confirmation

- Signature configuration

- Print message

- Attachment images viewer, toggle Show/Hide

- Context menus

- Multiple messages compose

- Minimize window to dock

- Datagrid column management

- Datagrid paging

- Online help

Technology

The latest technologies for building web applications used in IceWarp WebMail not only improve performance of both the server and the client, but also contribute to overall system security, stability, and reliability.

- Pure Web 2.0 (AJAX technology) - speed comparable to desktop email clients

- XML server based protocol - unlimited extensibility options

- Complete UTF8 support - any UI language and all character encoding at once

- Multiple client certificates, server side encryption

- HTTP, HTTPS, POP3, IMAP, SMTP, SIP protocols

- Global admin, domain admin and user hierarchy for settings and restrictions

- XML configuration files

- Optimized for thousands of messages, with a real Database backend server

- Integration kit for external sites and portals

- Simple localization process via XML files

- Customization and branding ready, skin selection

Security

Designed by experts in secure messaging and powered by the latest server-side technology.

- SSL end-to-end security, RSA encrypted passwords

- S/MIME - allows user to digitally sign/validate a message

- Dangerous content (XSS) stripping from HTML emails

- Strict XML request parsing

- Potential vulnerabilities of "PHP global variables" disabled

- "virtual" server-side cookies

Performance

Client Side Optimizations

- JavaScript objects at the core of client-side processing

- JSON (JavaScript Object Notation) saves around 20% of your bandwidth

- execution time is distributed between Client and Server

- client side application is downloaded once only

- communication is provided by small amounts of XML/JSON data

- some actions on client side don't need any server response

Server Side Optimizations

- IMAP access to mailbox, cached POP3 and LocalPOP

- SQL DB cache for message headers and folders (mySql, SQLite)

- PDO DB abstraction layer with transaction access

- direct access to IceWarp Server API for faster IceWarp GroupWare access

- improved PHP extensions and filesystem routines

■   clean PHP5 OOP architecture

Server integration

Strictly specified XML client-server communication protocol delivers greater extensibility and closer integration with other server subsystems (IceWarp GroupWare, Instant Messaging, VoIP).

■   prevents protocol level eavesdropping

■   asynchronous and synchronous data loading and server communication

■   client-side processing is less demanding for server (especially for file system)

■   more accounts can now be hosted on the same hardware

■   client is much faster under heavy load

■   bullet-proof resistance to hacking and other attacks

■   responsive interface for application-like look and feel

■   easy customization of every visual object via XML files

General Server Principles

IceWarp's IceWarp WebMail is a cutting edge web application based on AJAX, XML, JavaScript, RSA authentication, DB specification PDO and special XML settings.

IceWarp WebMail access directly by IMAP to folder structure. This communication allows IceWarp WebMail to provide many new features such as direct folder accessing (spam, quarantine folders integration).

Full integration and connection with IceWarp GroupWare allows many services to be accessible from IceWarp WebMail. You can administer your contacts, calendar events, notes and tasks, not only in personal mode, but also in group mode or via a shared account.

Migration to IceWarp WebMail

Support for the classic HTML based IceWarp WebMail Basic will be discontinued in about a year, after almost 5 successful years on the market.

The new AJAX based IceWarp WebMail will become the standard client interface for many years to come, taking the user experience, the functionality and future extensibility options to a new high.

Considerations

This section outlines what you need to consider before you make the switch, when you should do so, and how to prepare for the move. It also recommends ways to accomplish the migration with minimal impact on your end users.

Licensing Requirements

IceWarp WebMail requires an up-to-date license for both the IceWarp WebMail and IceWarp Email Server modules (i.e. new or recently updated, with a renewal period of both greater than zero). This is because of close integration of client and server side. The new IceWarp WebMail won't run with any version prior to version 9 (excluding release candidates).

IceWarp WebMail Standalone cannot be upgraded to IceWarp WebMail. Since the announcement of end-of-life last year, it was only available without upgrades and with time limited technical support. And vice versa, IceWarp WebMail cannot be used as a standalone web interface to 3rd party mail servers. Request a quote to migrate to a complete IceWarp solution at a very competitive price.

IceWarp WebMail is by default served by the integrated, free of charge, Web Service module, but can also be run under Apache or IIS, provided that it's run on the same server as IceWarp Server, as all internal communication is performed locally. This is a new condition compared with classic IceWarp WebMail without IceWarp GroupWare & Calendaring features (plain email client).

IceWarp GroupWare License

IceWarp WebMail depends heavily on calendaring capabilities. It is required that the IceWarp GroupWare module to be installed and running for these capabilities. If a IceWarp GroupWare license is not present any sharing capabilities, including Shared Address Books, will be disabled as a result (i.e. user will only be able to see his own calendar events, contacts, notes, folders, etc.).

Interoperability

Data created with the new IceWarp WebMail in the parallel "compatibility" configuration will be accessible in the old interface only if they are stored server-side in both cases.

Data stored in plain-text .dat files need to be migrated to the database by the Administrator and all the settings will need to be configured from scratch by the end user.

Database Storage

Emails, folders and files are always stored in filesystem on the server and therefore don't require any changes when you are switching from one client interface to the other.

Other user data (e.g. calendars, tasks, contacts) are stored in a dedicated database on the server. If you already have a license for IceWarp GroupWare, this data should already be stored in the IceWarp GroupWare database on the server. No additional steps need to be taken.

In the case that a license for IceWarp GroupWare module was not present on the server (or if configured that way by the administrator), Address Books (User and Global) stored in plain-text .dat files need to be manually converted into database storage. IceWarp WebMail is equipped with a conversion script to simplify this process, see *here* (see "Converting plain text address books to IceWarp GroupWare database" on page 17).

By default, IceWarp Server installs an MS Access database for IceWarp GroupWare that is suitable for a maximum 50 users.

If you haven't previously used the IceWarp GroupWare module or have just upgraded to ODBC-enabled version of IceWarp Email Server, you will need to setup the database engine for servers expecting more than 50 users.

Any ODBC standard compatible engine is supported, SqLite is recommended for up to 50 users, mySQL or MS SQL for a higher amount.

NOTE - that SQLite is installed as standard with IceWarp Server since May 2007.

Installation

Note for Linux installations

Please note that the following symbolic links will need to be created if you are upgrading to IceWarp WebMail from an earlier version. If you do not do this then IceWarp WebMail will not work.

```
# ln -s /lib/libssl.so.0.9.7a /opt/merak/libssl.so.0.9.8
```

```
# ln -s /lib/libcrypto.so.0.9.7a /opt/merak/libcrypto.so.0.9.8
```

It can be useful to ensure these are defined even on clean installations.

Clean Install

If you are installing version 9 as a fresh install, you don't need to worry at all.

It comes pre-configured with the new IceWarp WebMail and there are no additional steps to take.

The installer will guide you through the install process, including the database backend required for operation.

Upgrade

If you are upgrading to version 9 from an earlier version, the new IceWarp WebMail is an optional item in the component selection list.

If this option is ticked, it will be installed into its own directory "<InstallDirectory>\html\webmail", ensuring it doesn't overwrite the previous version (located in "html" folder in IceWarp Server root).

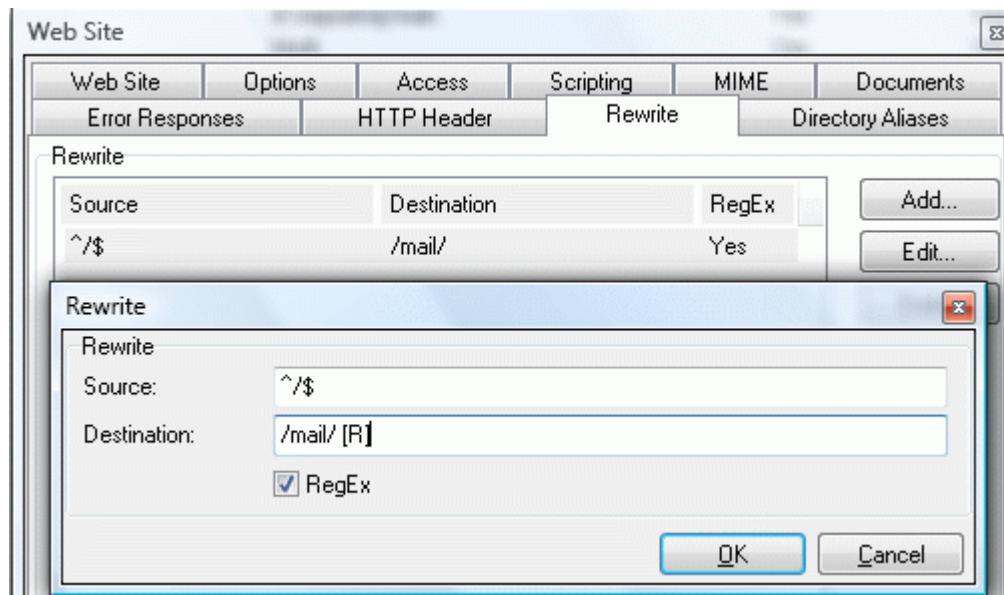You will need to install any additional ASpell dictionaries you require (see *here* (see "Installing New Dictionary for Aspell" on page 31)).

In order to change default IceWarp WebMail from IceWarp WebMail Basic you have two options:

1. Using a Webserver Rewrite rule (see the webserver manual) as follows:

    What: ^/$

    To: /IceWarp WebMail/ [R]

    RegEx: Checked

2. Modify the redirection rule in index.html, found in the merak/html default root folder"

    The original redirection to merak\html\mail\ folder (root folder for IceWarp WebMail Basic) is to be changed to merak\html\webmail\ (root folder for IceWarp WebMail). So the only change is to modify string /mail/ to /webmail/ as is shown on the screenshot below.
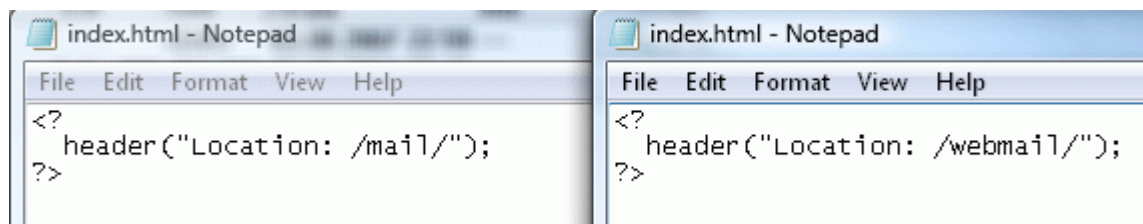
Both ways will make IceWarp WebMail your default IceWarp WebMail and all users accessing your server URL will be automatically presented with the IceWarp WebMail login page.
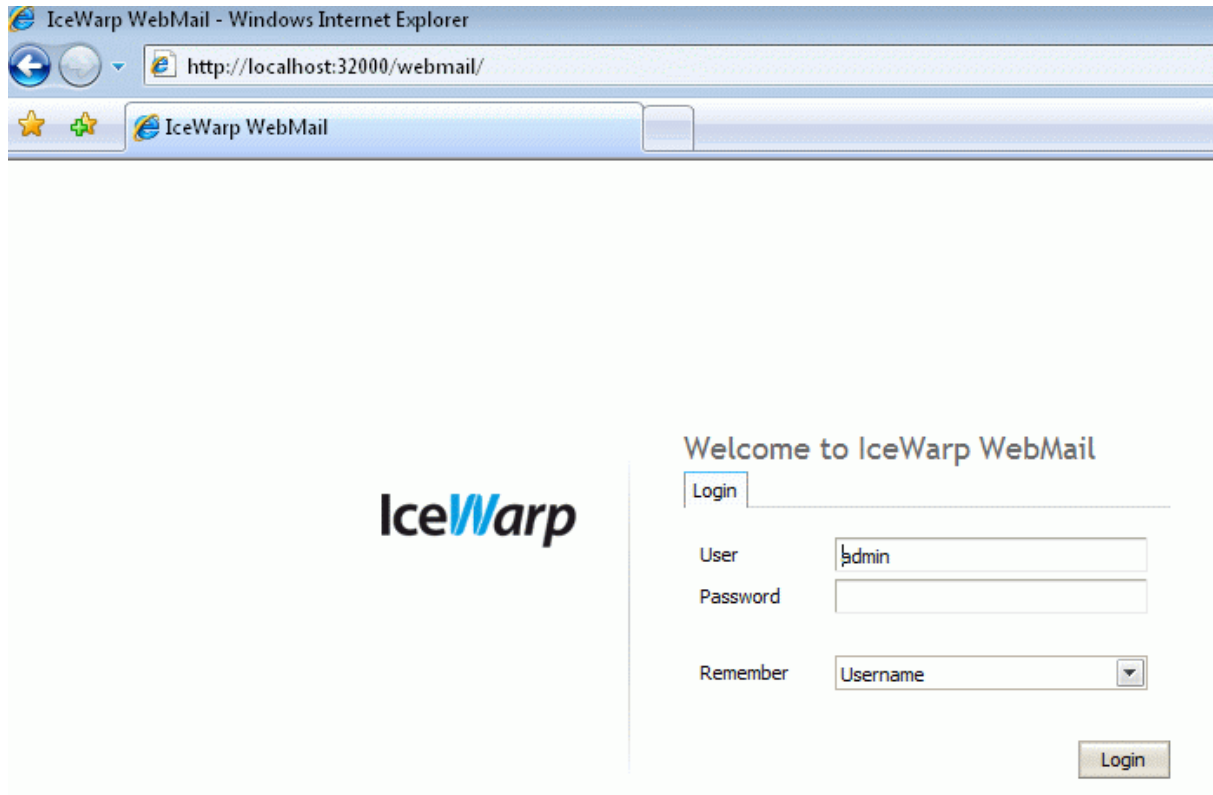
Browsers

Browser Support

IceWarp WebMail requires Internet Explorer 6 or higher, or Mozilla (Gecko) compatible browser version 1.2 or higher.

For the very best experience, IE 7 or Firefox 2.0 is recommended.

Until all clients are upgraded to comply with these requirements, they can be automatically redirected to the classic interface without spotting any change.

Using the new URI Rewrite options in Web Service you can redirect users with browsers not capable of running new IceWarp WebMail to the previous version for compatibility purposes.

Compatibility Mode

Both versions can run in parallel, using a different path to each instance, by default icewarpdemo.com/mail for the classic version and mail.icewarpdemo.com/webmail for the new one.
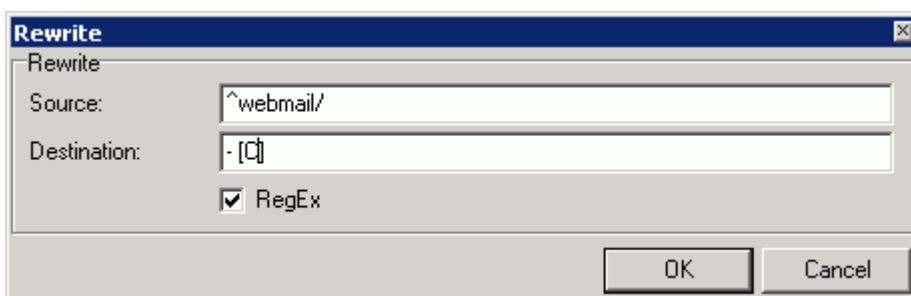
If you wish to install classic version in addition to new, simply duplicate the corresponding Site under Web Service and adjust the path and hostname to point to the directory where it is located.

In Web Service - Site properties - Rewrite, create a new ruleset consisting of two rules. The first one performs no action and is chained with the second one, which performs actual URI rewrite to the old IceWarp WebMail Basic accessible by /mail/ suffix in hostname. Add other browser identifiers (e.g. Lynx) as necessary.

The following example shows how to redirect to classic mail for users using Opera, IE4 and Safari browsers:

The rules are -

1. Source: ^webmail/
    Destination: - [C]
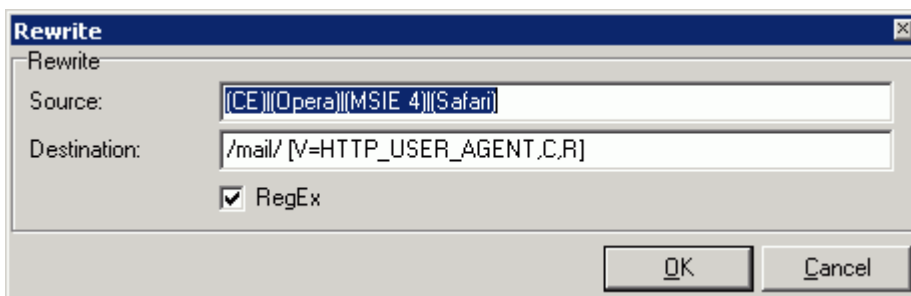
2. Source: (CE)|(Opera)|(MSIE 4)|(Safari)
    Destination: /mail/ [V=HTTP_USER_AGENT,C,R]

This second example shows how to redirect to classic mail for users who are not using Mozilla, IE6 or IE7 browsers (note the ! in the second rule

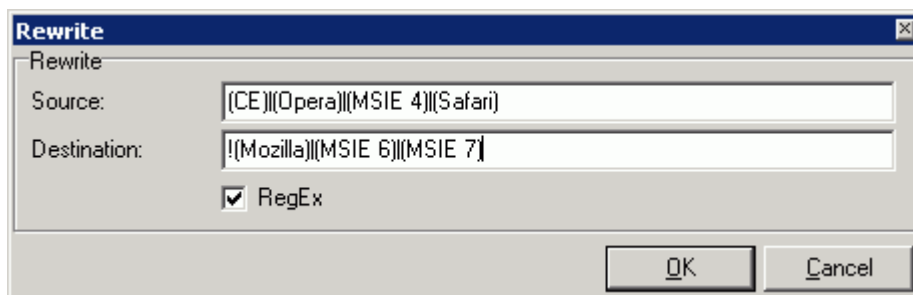1. The rules are -
    Source: ^webmail/
    Destination: - [C]

2. Source: !(Mozilla)|(MSIE 6)|(MSIE 7)
   Destination: /mail/ [V=HTTP_USER_AGENT,C,R]

Address Book Conversion

International Characters

IceWarp WebMail Basic and IceWarp Email Server engine up to version 8.5.0 are based on the ANSI charset, whereas IceWarp Email Server from version 9 comes with full Unicode (UTF-8) support throughout all software components. This means you can have, for example, completely localized folder names in IceWarp WebMail.

If you are using character sets other than English in address books and shared address books, you need to start with converting them to UTF-8 before the actual migration to IceWarp WebMail can happen.

Note: This doesn't apply to email messages received in other charsets, they are transparently converted to UTF-8 MIME format by the server whenever they are requested by an internal operation. Should there be a change to message contents (e.g. by a content filter), the message is automatically saved in UTF-8.

Converting user data containing international characters to UTF-8

Conversion is required only for version prior to 8.9 and only if there are account names and address book entries containing national characters (i.e. applies mostly to countries with userbase from outside of English speaking countries). If you already done this for version 8.9 then please skip to the next section of this chapter.

1. Close all running applications and save application data before running the script. It's recommended to perform the conversion in a maintenance window to avoid degradation of server performance in case of high traffic, large amounts of data to be migrated or any possible error.

2. Login to either IceWarp WebMail version or to WebAdmin with administrator credentials.

3. Run the script by accessing http://hostname:port/admin/tools/convert_user_data.php (simply append /admin/tools/convert_user_data.php to the URL you see in address bar)

   e.g. http://icewarpdemo.com:32000/admin/tools/convert_user_data.php

4. After you select the original character set, the script will recursively search <InstallDirectory>\webmail\ and subdirectories for address.dat, groups.dat and settings.dat and wherever it finds a value containing non-ASCII character, it will convert it from the original to UTF-8 encoding.

Converting plain text address books to IceWarp GroupWare database

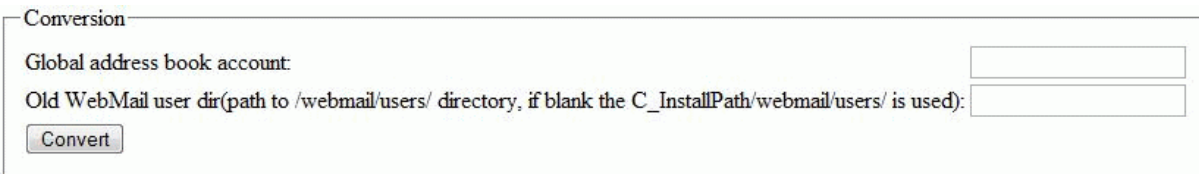Now you are ready to proceed with conversion of user data to new IceWarp WebMail.

This is necessary to convert IceWarp WebMail Basic's file-based data to IceWarp WebMail's improved database-stored data.

The most important data - private and global address books can be converted using the supplied script **convert_old_webmail.html,** located in <InstallDirectory>\html\admin\tools\ directory.

So just open the script from browser:

http://yourhostname:controlport/admin/tools/convert_old_webmail.html

Access to the script is protected so you will be asked to enter administrator username and password.

```
┌─Conversion──────────────────────────────────────────────────────────────────┐
│                                                                               │
│  Global address book account:                              [              ]   │
│                                                                               │
│  Old WebMail user dir(path to /webmail/users/ directory, if blank the C_InstallPath/webmail/users/ is used): [              ] │
│  [ Convert ]                                                                  │
│                                                                               │
└───────────────────────────────────────────────────────────────────────────────┘
```

Enter the Global address book address (see more in chapter *How to set Global Address Book* (on page 17)). and click the Convert button. The script reads the contacts stored in plain text files and insert them into the database.

You can additionally override the full path to the old IceWarp WebMail users directory. This is useful if the Old IceWarp WebMail data is stored in a non-default path.

It can take some time to convert larger user database.

KNOWN ISSUES

Only the first phone number of a contact is converted, further numbers will have to be input manually.

If you still allow Users to access the Old IceWarp WebMail after conversion they will see all their Contacts duplicated. This is because Old IceWarp WebMail will read both the new database Contacts and the original text files. You can manually fix this by deleting the address.dat files after conversion.

How to set Global Address Book

As explained in a previous chapter IceWarp WebMail doesn't support any plain text address books - including global address books.

In order to set the Global address book for your users you are required to define a Public IceWarp GroupWare folder to let people view shared contacts.

Note that it is necessary to have valid IceWarp GroupWare license in order to have the IceWarp GroupWare sharing capability.

The procedure to create a global address book is detailed in the next section.

Once you follow this procedure it is recommended to run the Address book migration script (see here) to migrate your existing Global address book from IceWarp WebMail Basic.

Create Public Folder using a group account

1. Create a User Group Account in IceWarp Server GUI

2. Define the members of the group account in members tab. The best option is to select whole domain so all users would be able to view the Global address book items

3. Check option "Create a public shared folder" to create public IceWarp GroupWare folder

4. Define the folder name - this name will be visible in IceWarp WebMail

5. Optionally you can check checkbox "Create groupware contacts of all members". If you do so all members will be automatically added as contacts to Global address book.

Subscribe to the Public folder in new IceWarp WebMail
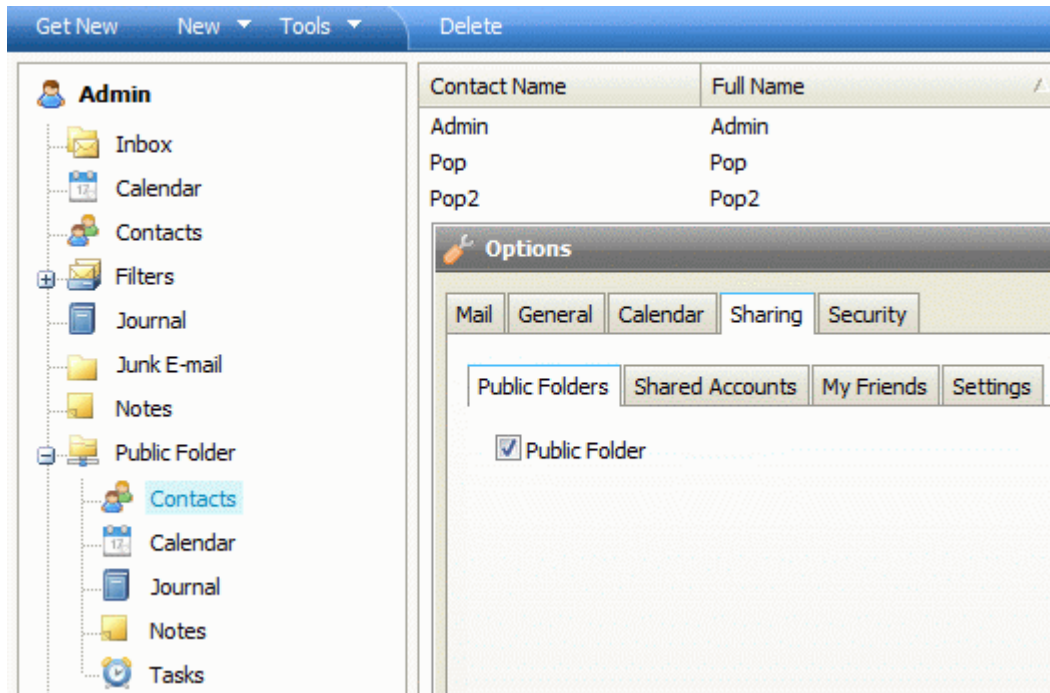
1. Login to IceWarp WebMail with your account
2. Go to Tools - Options - Sharing - Public Folders tab
3. Check to view the Public Folder you created before

The public folder will appear in your folder list including the contacts of group account members that were created.

IceWarp Server Administration Console

The IceWarp Server Administration console now has a IceWarp WebMail Node:

Field	Description
Active	Check this box to activate IceWarp WebMail.
SMTP Server	This field should usually be left blank to allow IceWarp Server to use the default SMTP server. Only change this information if instructed by support staff.
IMAP Server	This field should usually be left blank to allow IceWarp Server to use the default IMAP server. Only change this information if instructed by support staff.
Logging	Choose from three different levels of logging for IceWarp WebMail. **None** No logging will be performed. **Info** Only informational messages will be written to the log. **Debug** Detailed messages will be written to the log
Login with email address	Check this option to enforce the use of a full email address to login to IceWarp WebMail. This is useful on multi-domain server installations as IceWarp Server will be able to locate the User information more quickly, and also caters for the same username being used in different domains.
PDO Connection	Choose the connection string appropriate to the database system you are using. SQLite is the default. MySQL is supported. It requires the **libmysql.dll** file to be present in the IceWarp Server installation directory and you should also ensure that php_pdo_mysql.dll is not commented out

	in your php.ini file (it normally is).
	ODBC - should only be used for MS SQL databases. A DSN called should be created (called, for example, webmail) and then specify odbc:webmail for the connection. Ensure that php_pdo_odbc.dll is not commented out in you php.ini file (it normally isn't).
	The supported and tested databases are:
	▪ MySQL community server, version 5
	▪ Microsoft SQL Server, version 2005 and 2008
	▪ SQLite
Username	The username to be used to connect to the database
Password	The password for the database
Full text search	Check this box to enable full text searching on emails in IceWarp WebMail.
	Full text search is enabled by storing message bodies in a database and running a query against the database.
	MySQL implements a "full text index" which is used to locate text, whereas SQLite and MS SQL implementations will use a LIKE query (slightly slower).
	If this option is not checked users will still be able to search message bodies, but it will not be as fast as doing a database search.

Administration Options

Administrator's Options in IceWarp WebMail Menu

Administrator accounts have access to many extra options in IceWarp WebMail. This section explains them.

Accessing the Administration Options

As an administrator of IceWarp WebMail, you have the ability to force some options on users, or domain admins and users.

This can be done for most options.

There are two levels of configuration -

Server administrator settings where a full administrator can enforce some configuration to all users
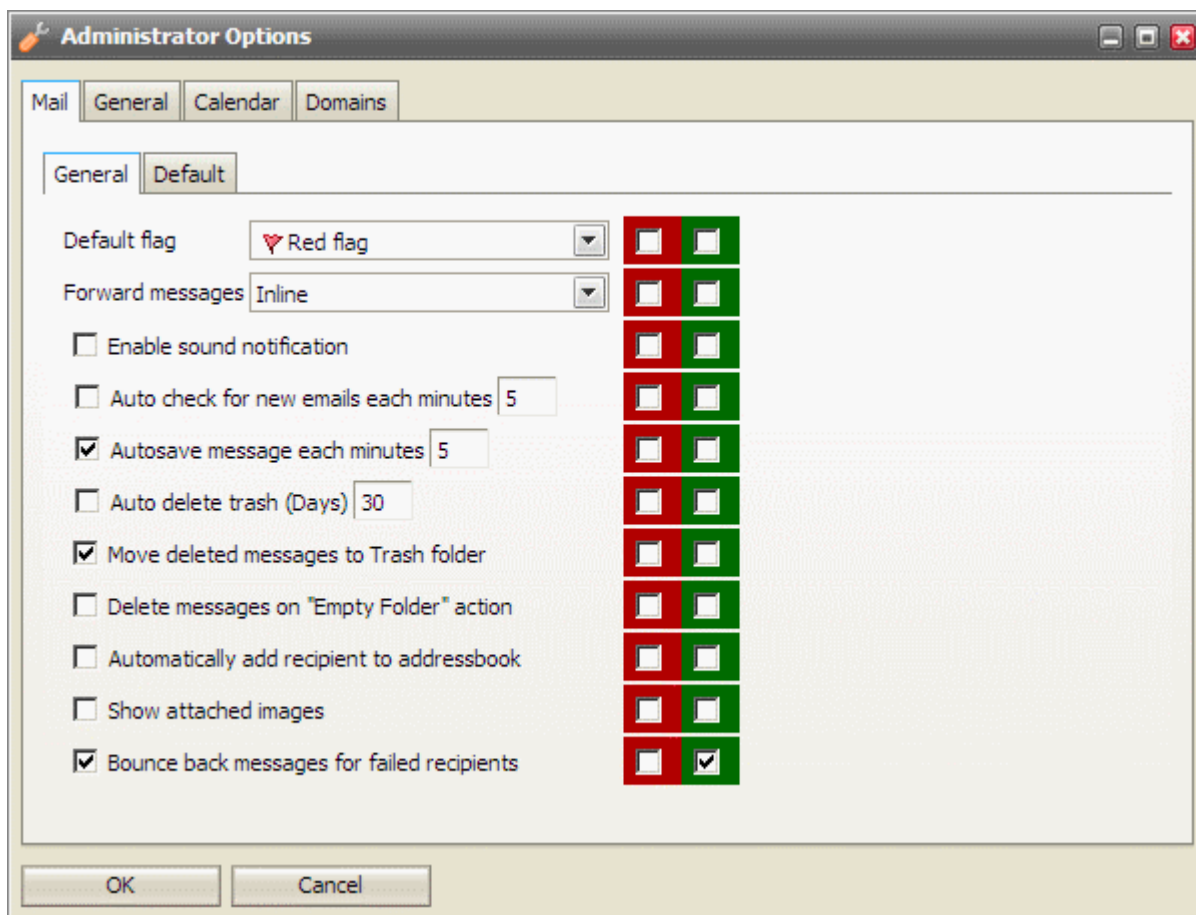
Domain administrator settings where domain admin can enforce some configuration to his domain users - if Full admin doesn't limit him from doing so.

User rights are automatically recognized because of the integration with IceWarp Server API.
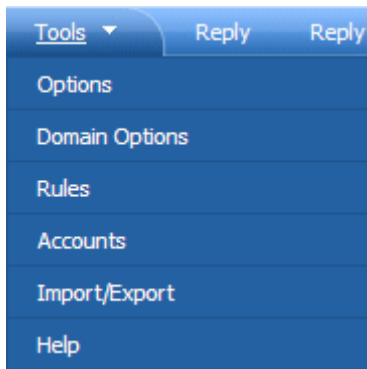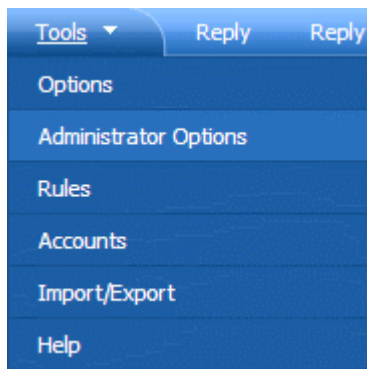
Forcing Options on other users

<u>Server Administrator</u>

The left hand column of check-boxes shows the options as they affect your own account.

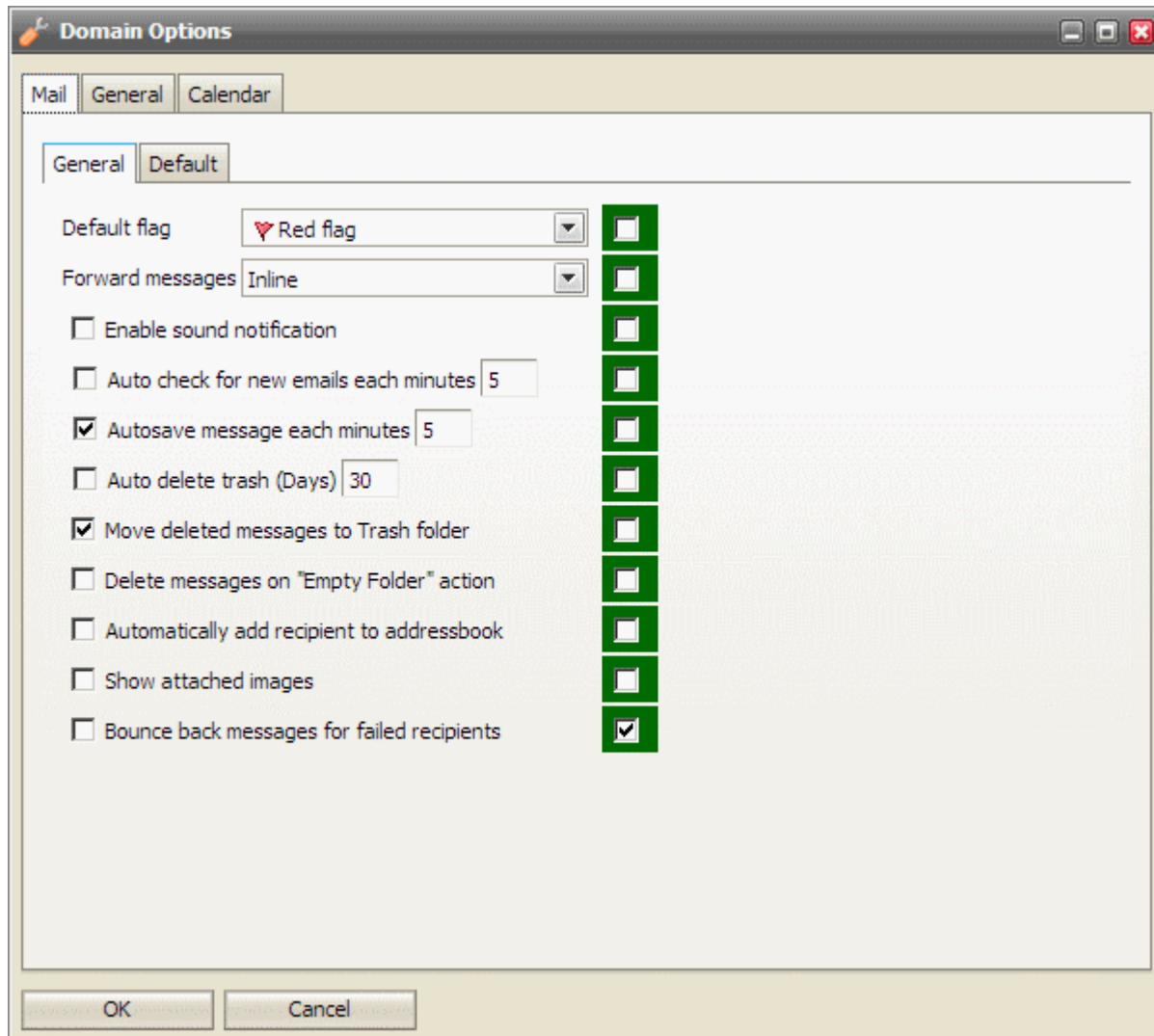The column of red check-boxes forces options for domain administrator *and* users.

The column of green check-boxes forces options for users only (this can be changed by Domain Admins).

Don't forget to check that on beginning of line.

Domain Administrator

The left hand column of check-boxes shows the options as they affect your own account.

The column of green check-boxes forces options for users only.

Don't forget to check that on beginning of line.

Field	Description
Default Flag	Use the drop-down to select the color of the flag you would like as your default.
	When you click on the flag icon next to a message it is automatically flagged with this default color.
Forward messages	Use the drop-down to choose how you would like forwarded messages to be handled.
	▪ **Inline** - the original message will appear as part of your forwarded message (you can still add your own message to it).
	▪ **As attachment** - the original message will be packaged in a file to be attached to your message. The filetype is .eml, which is readable by most email clients.
Enable sound notification	Check this box and a sound will be played when a new message is recieved, notifying you of the event.
Auto check for new emails each minutes	Check this box to have IceWarp WebMail automatically check for new messages. Enter a number in the textbox to specify how often this check should occur.
	An interval of 5 minutes is usually frequent enough for most peoples needs. Entering too short a time interval may put unnecessary resource strain on your mail provider's server(s). Remember you can always click on **Get new** in the menu bar if you are waiting for an urgent message.
Autosave message each minutes	Check this box and any message you in the process of creating will be saved at the interval you specify in the text box.
	This can be extremely useful if you are using an unstable connection to access and reply to your messages. Messages are saved to the Drafts Folder.
Auto delete trash (Days)	Check this box and all messages in your Trash Folder older than the number of days you specify in the text box will be permanently deleted.
	NOTE - that this option is directly affected by the next setting. If you select to Move deleted messages to Trash Folder then you should use this option.
	It can also be affected by Folder Mapping as you can specify a different folder to be your Trash folder!
Move deleted messages to Trash folder	If you check this option then any messages you delete (using the Del keyboard shortcut, the Delete Menu Bar Item or the Right-click Context-sensitive menu) will be moved to the Trash folder rather than actually be deleted. Used in conjunction with the previous option this can give you a "window of opportunity" during which you could retrieve an accidently deleted message.
	Remember that the actual location of the Trash folder can be affected by Folder Mapping.
Delete messages on "Empty Folder" action	This option overrides the effect of the "Move deleted messages Trash folder" option above - when you use the right-click context-sensitive menu and select "Empty Folder".
	If this option is checked then all items in a folder will be deleted rather then moved to the Trash folder.
Automatically add recipients to address book	Checking this box tells IceWarp WebMail to automatically add to your Contact List anyone you send a message to whose email address is not already listed.
Show attached images	Checking this box tells IceWarp WebMail to display any attached image file(s) in the reading pane.

Bounce back messages for failed recipients	When sending an email message from WebMail to two or more recipients, (one of them is "local" and the message can't be delivered to him – account does not exist, rejected by rules or limits etc.) => message is not sent at all – neither to invalid recipients nor to valid ones.
	To bypass this, enable the option **Bounce back messages for failed recipients**. With this option, WebMail will send out all messages using "relay" format (<@127.0.0.1:recipient@domain.com>). This will ensure that a bounce back for a local user will be generated and the message will be delivered to remaining valid recipients.
	NOTE – that in conjunction with the **User can send mail to local domains only** restriction (**Domains & Accounts - Management - <domain> - User - <user> - Options/Options**), the user cannot send messages at all using WebMail – because WebMail will try to send it our using "relay". So don't use these options together.

Changing the page title and login title

You can also define what will be written as the page title of all your IceWarp WebMail sites and what title will be displayed on the login form.

This is changed in General options - Layout tab as you can see on picture below.
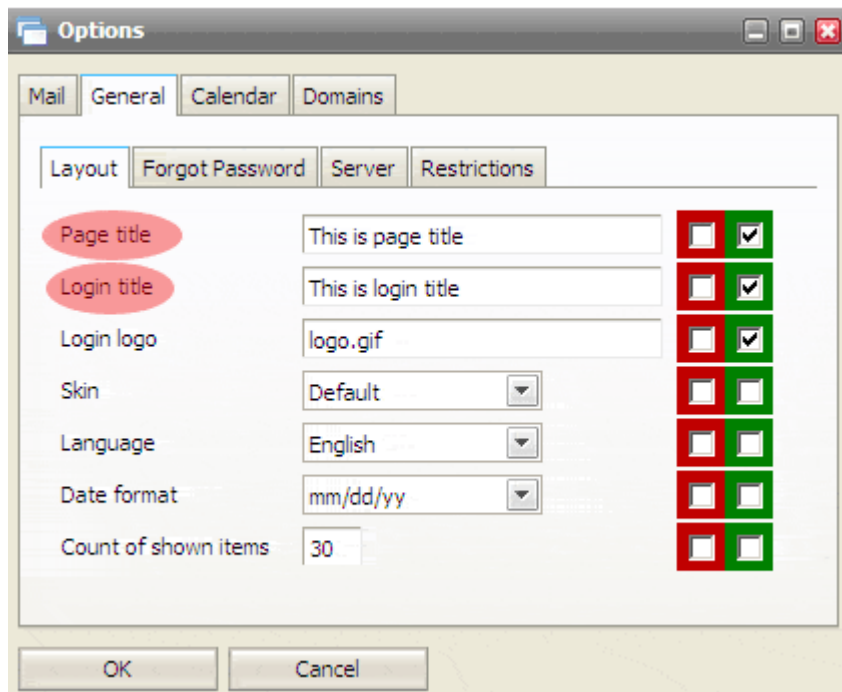
Page title will be, as mentioned, displayed on all titles of pages. (name of window in IE)

Login title will be displayed only on login screen, as shown on picture below.
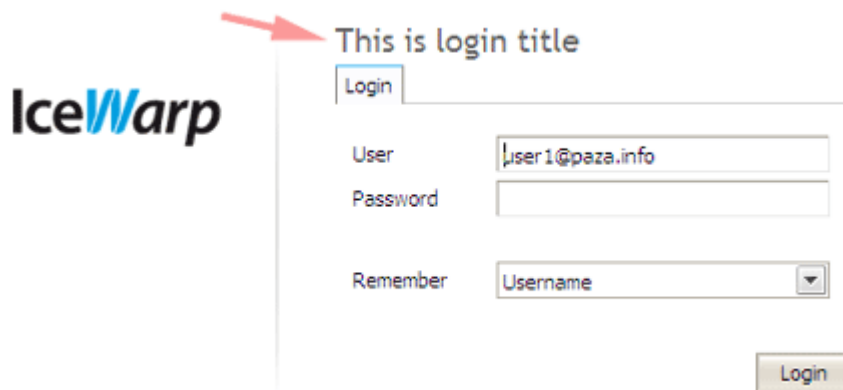
NOTE - Each domain can have it's own settings - including Logo & Title. However for this functionality it is critical to set a hostname mapping in domain settings so IceWarp WebMail engine can automatically apply particular domain settings based on the hostname you are accessing IceWarp WebMail from.

Changing the logo
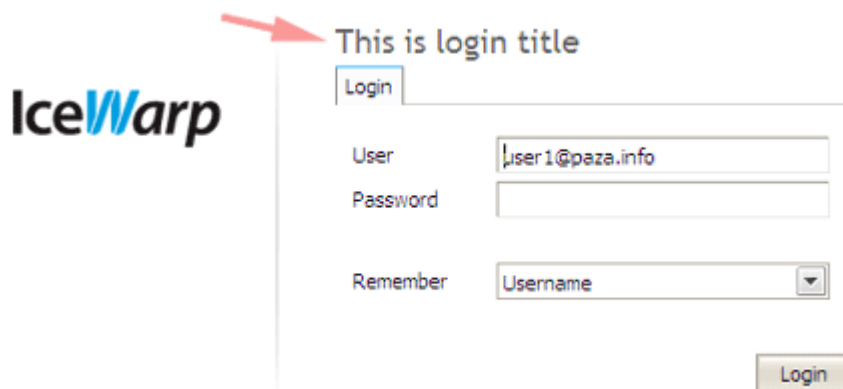
IceWarp WebMail's logo is also changeable.

It is stored in "<InstallDirectory>\html\webmail\client\skins\default\images\logo.gif". Simply replace that file with the logo you require

Forgotten passwords sending option

Many times customers or users forgot their passwords.

Rather than reset passwords manually and send them their new one, IceWarp WebMail allows you to send them their actual password to their alternate email (if defined).
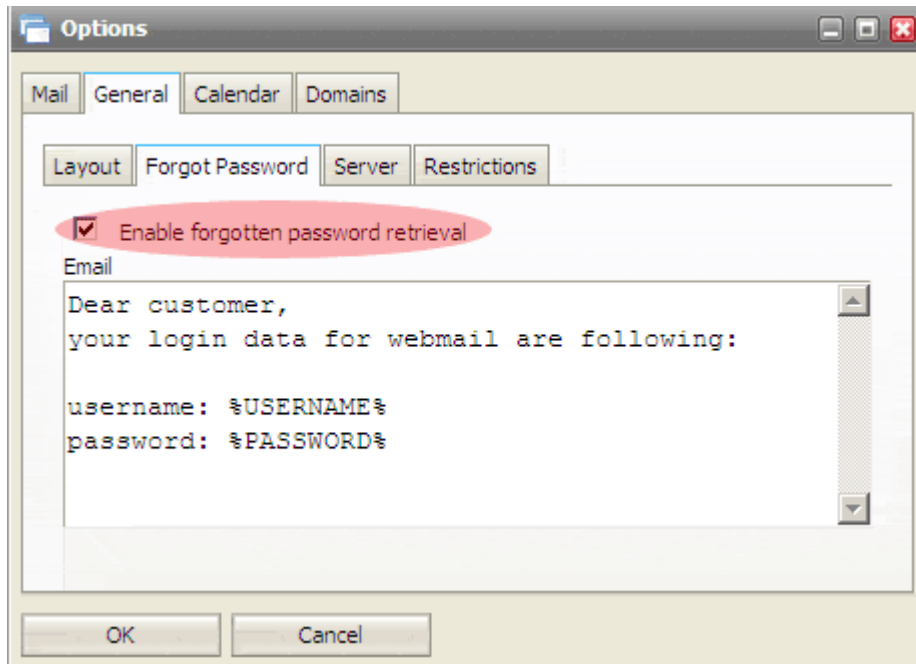
As shown above, you can customize the message sent with the password.

Server options

- In Server options you can modify the connection to your IceWarp Server.

  Note that this only needs to be changed if you are using non-standard ports or your IceWarp Server is not bound to localhost IP address.

IceWarp WebMail also let's you modify the way users log in.

- Even if there is a username mode authentication set on IceWarp Server side IceWarp WebMail can be set to require full email address login if option "Login with email address is checked".

- The last option "Enable communication logs on server" is to be used for troubleshooting purposes. If enabled IceWarp WebMail logs all operations and communication between XML client side and PHP server side to <logpath>\webmail\date.log file.
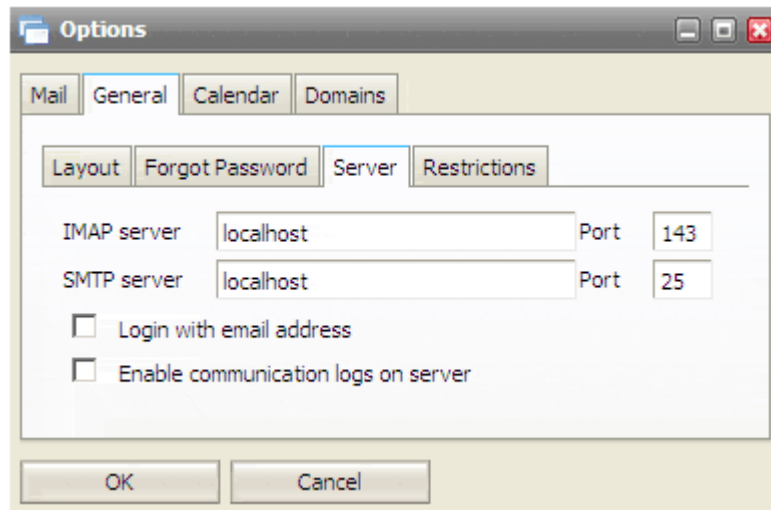
Restrictions

The Restrictions allows you to:

- Allow/deny the disabling of other accounts.
- Allow/deny the ability to change passwords.
- Allow/deny the ability to disable AntiSpam control.
- Allow/deny the disabling of self sign-up.
- Show/hide the "Remember Login" pull-down.
- Show/Hide the Forwarder tab.

▪ Enable/Disable specific folder types.
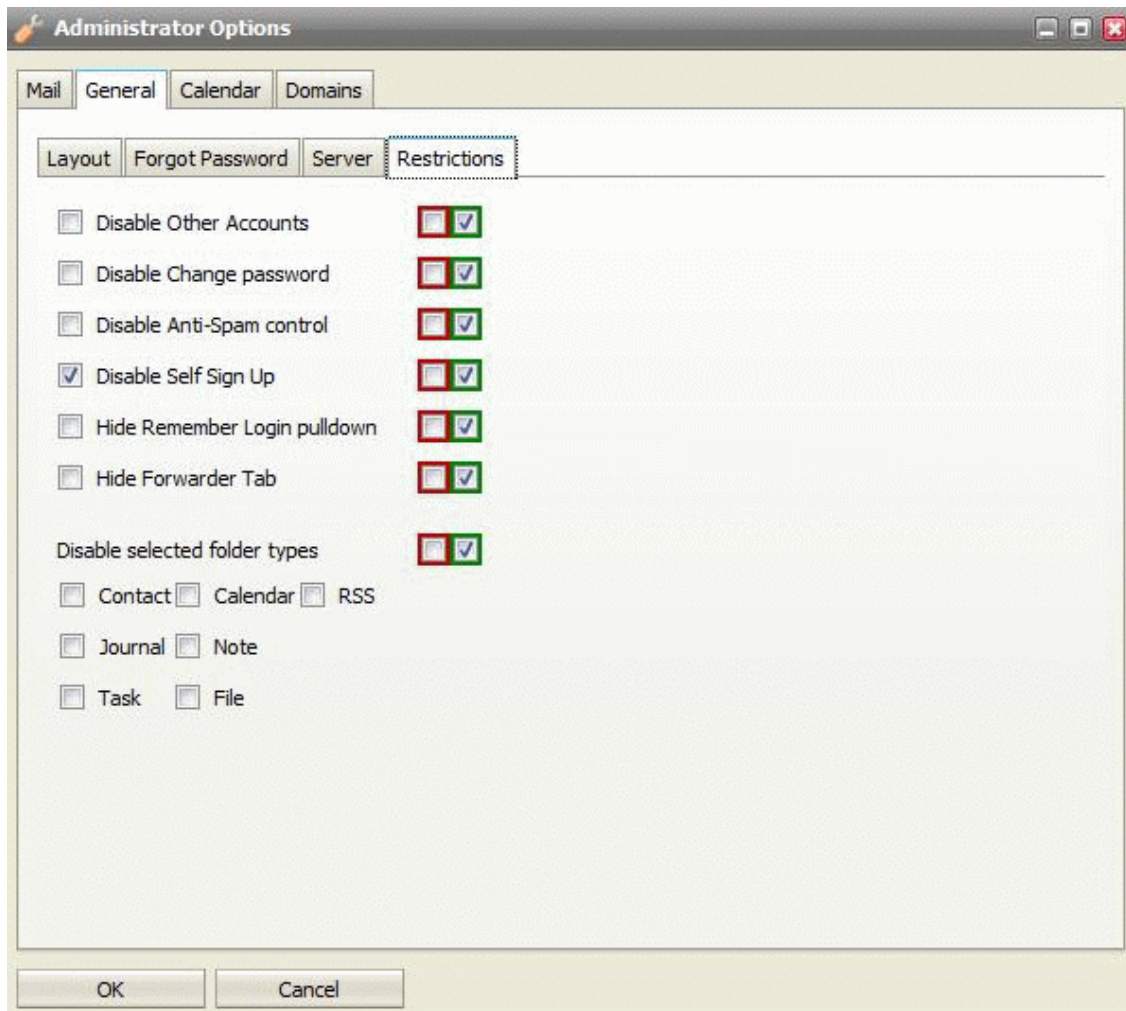
Domains management

The Domains tab allows you to select which domains, running on IceWarp Server, you wish to manage.

Select the domain from the drop-down list and click the Add button.

Your selected domain(s) will be shown in the list.
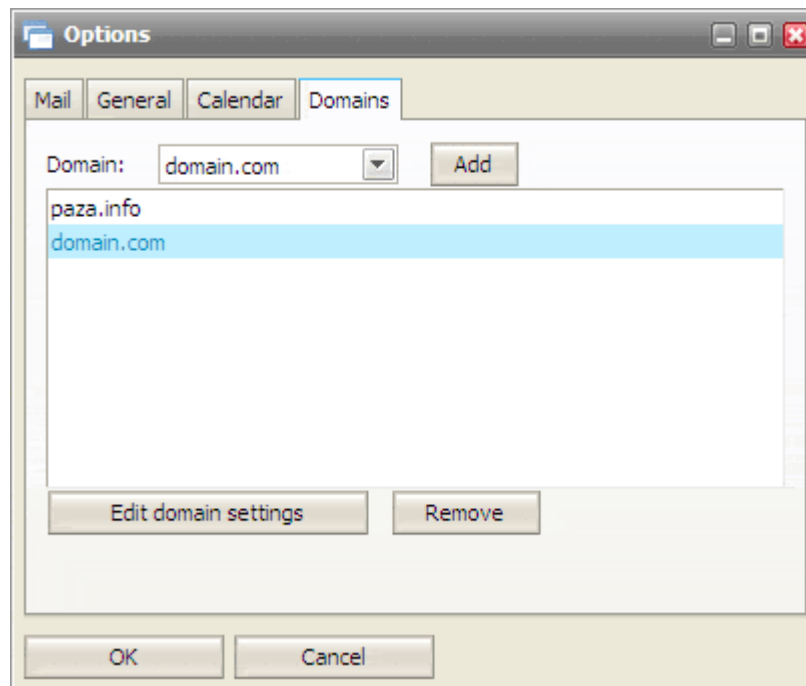
Each domain can be then configured to have it's own login page, title and other custom configuration Domain administrators are allowed to modify domain options except for settings that are forced by full administrator (Red Force checkbox is checked).

C H A P T E R   2

Hostname to domain mapping

It is possible to set a hostname for particular domain so the domain options will be loaded (Page Title, Login Title and Login Logo) if a connection request comes from that hostname.

This option must be configured in a configuration file <merakdir>\config_webmail_hosts\<hostname>.dat file. The only content of the file is the domain name.

See an example below:
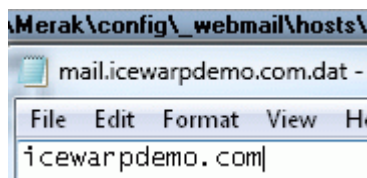
In the case shown, when someone accesses mail.icewarpdemo.com with their browser, IceWarp Server will:

Find the mail.icewarpdemo.com.dat file

Read the file

Use the Domain settings for icewarpdemo.com (i.e. use the Titles and Logo specified for icewarpdemo.com)

Installing New Dictionary for Aspell

IceWarp WebMail has a built-in spell checker based on Aspell libraries. Aspell is a free, open source spell checker.

For installing new aspell library, go to *aspell.net/win32/* and there select your language and download the file.

Language Name (In English)	File	File Size
Breton	aspell-br-0.50-2-3.exe	862 k
Catalan	aspell-ca-0.50-2-3.exe	3.9 M
Czech	aspell-cs-0.50-2-3.exe	17 M
Welsh	aspell-cy-0.50-3-3.exe	4.2 M

TIP: From the filename of dictionary you can detect that "XY" mentioned below.

After download process will finish, start installation process and when asking for path where to install aspell, write:

<InstallDirectory>\aspell

Installation will be successfully finished after a minute. Than go through following steps:

- Go to <InstallDirectory>\aspell
- check if there all installed dictionaries stored are
- than go to <InstallDirectory>\config_webmail

- in this folder you can see file named "spellchecker.xml"

- you have to edit this file, so open that in text editor (notepad)

- add line with your language between <item> and </item>

the line might be compounded from "<XY>name of language</XY>"

where XY is short cut of language and must be similar to aspell filename. If you are not sure, go back to <InstallDirectory>\aspell and retype aspell filename here stored (only 2 characters) to mentioned .xml file.

Then continue with "name of language", this name will be displayed in IceWarp WebMail, when selecting which dictionary will be used for checking.

- After all languages will be edit to .xml file, save that

- Simply check if all languages are added by click-on Options in IceWarp WebMail menu.
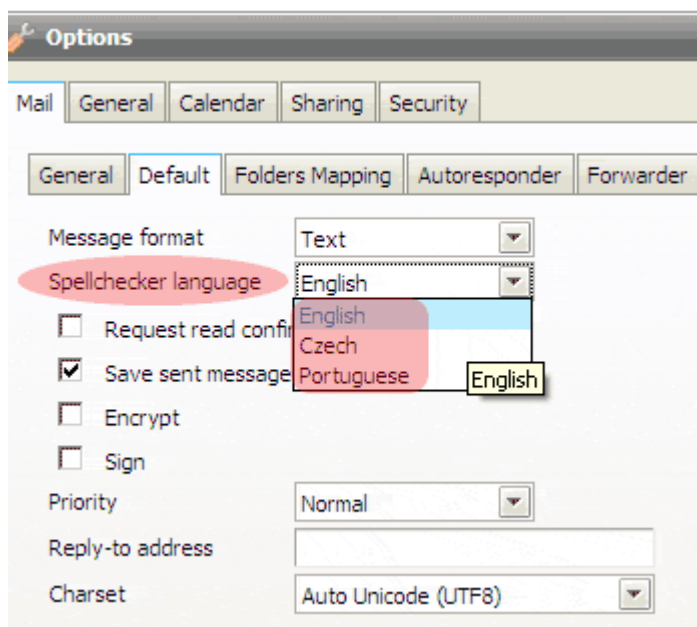
As you can see on the picture above, You can choose from all installed aspell dictionaries for default checking.

By this last check, installation of new spellchecker database finishes. Enjoy.

Installing a new dictionary under Linux

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