Quick Start Guide

CommzGate Messaging Server v4

Welcome!

This User Guide takes a visual approach to introducing you to the COMMZGATE Messaging Server. The entire guide will take about 10 minutes to cover.

For support requests, visit: http://support.commzgate.com

Some Terminology

MT: Message Terminate

Refers to a messages sent to a mobile device

MO: Message Originate

Refers to a message received from a mobile device

Installation for Windows

- Unzip the COMMZGATE_Messaging_Server_v4.x-win.zip package to an installation location of your choice and double-click the installer.

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Installation for Linux

- Extract the COMMZGATE_Messaging_Server_v4.x-linux.tar.gz package to an installation location of your choice
  eg. */home/joe/* or */usr/local/*

- The extracted directory contains the following structure
  apache-tomcat bin conf db-derby log   sys

- To start COMMZGATE, via terminal, cd to bin and execute
  ./commzgate_ctl start

  Once COMMZGATE is started, you can safely exit the terminal. COMMZGATE will continue to run as a server process.
  The next section shows you how to login via the Web Interface.
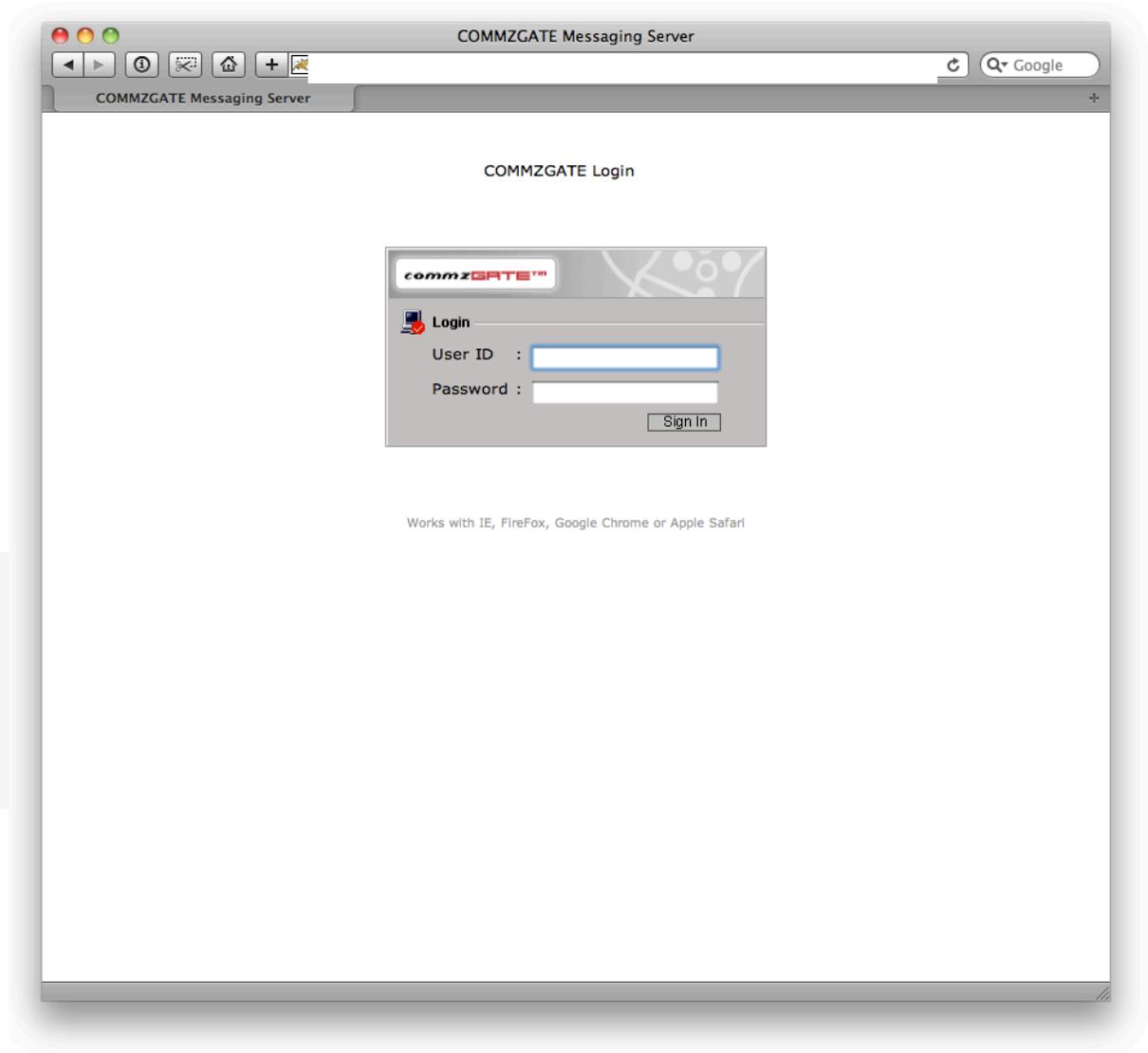
- To stop COMMZATE, execute
  ./commzgate_ctl stop

Login

Upon installing COMMZGATE, proceed to the login page using any up-to-date web browser at http://<IP>:8080/commzgate/

where <IP> is 127.0.0.1 if you have installed COMMZGATE locally on your machine, else this is the IP address or domain name of the server you have made the installation.

The default User ID is : admin
The default password is : commzgate

Please change both User ID and Password to your own values immediately upon login.

COMMZGATE Messaging Server

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COMMZGATE Login

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Login

User ID : [   ]

Password : [   ]

Sign In

Works with IE, FireFox, Google Chrome or Apple Safari

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Dashboard

Dashboard is home page you see upon login.
It provides an overview of the system status, as well as shortcuts to common functions.

This is the main navigation menu. Each item will be covered in the following pages.

The status of the COMMZGATE background process. This must be GREEN in color for all features to work.

The list of user sub-accounts you have created. Each sub-account can login and access.

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Dashboard

Welcome,

You are using the default admin password, please change this immediately

COMMZGATE background process is NOT running, please start it to resume normal operation

You can create sub-accounts for users to make use of COMMZGATE via a Web login.

1 Sub-Accounts

Sub-Account User ID ▲▼	Contact Person Name ▲▼	Credit Balance ▲	Enabled? ▲	Logged In?
admin (Administrator)				
Qida	Qida,Ching	Unlimited	yes	no

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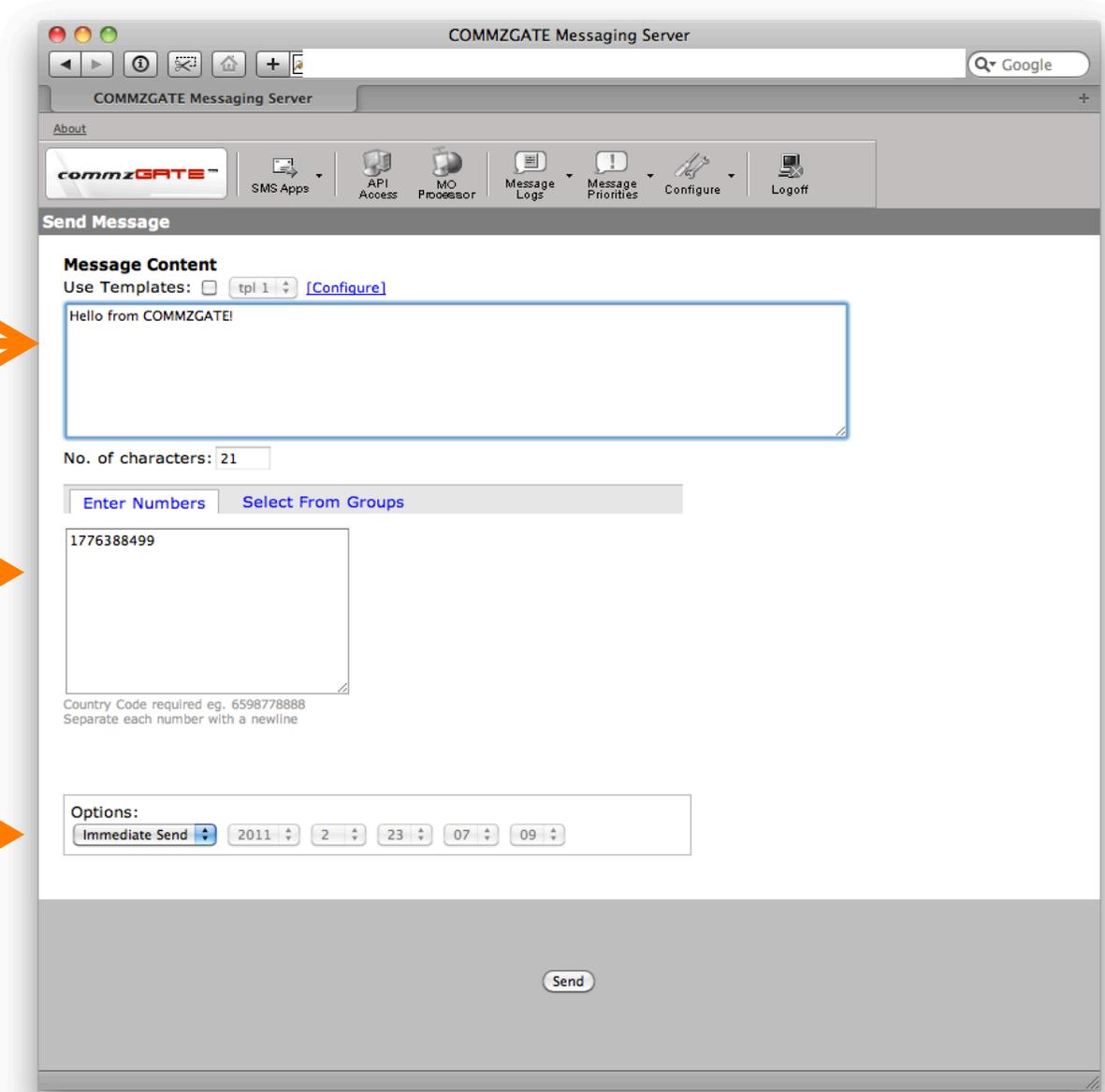
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SMS Apps: Messenger

Messenger is an easy-to-use feature for sending messages via the Web interface to pre-configured recipient groups.

Enter the message to be sent here. Supports long concatenated messages of up to 10 SMS parts.

You can choose to enter recipient mobile numbers manually with each number on its own line OR by selecting from your pre-configured Recipient Groups.

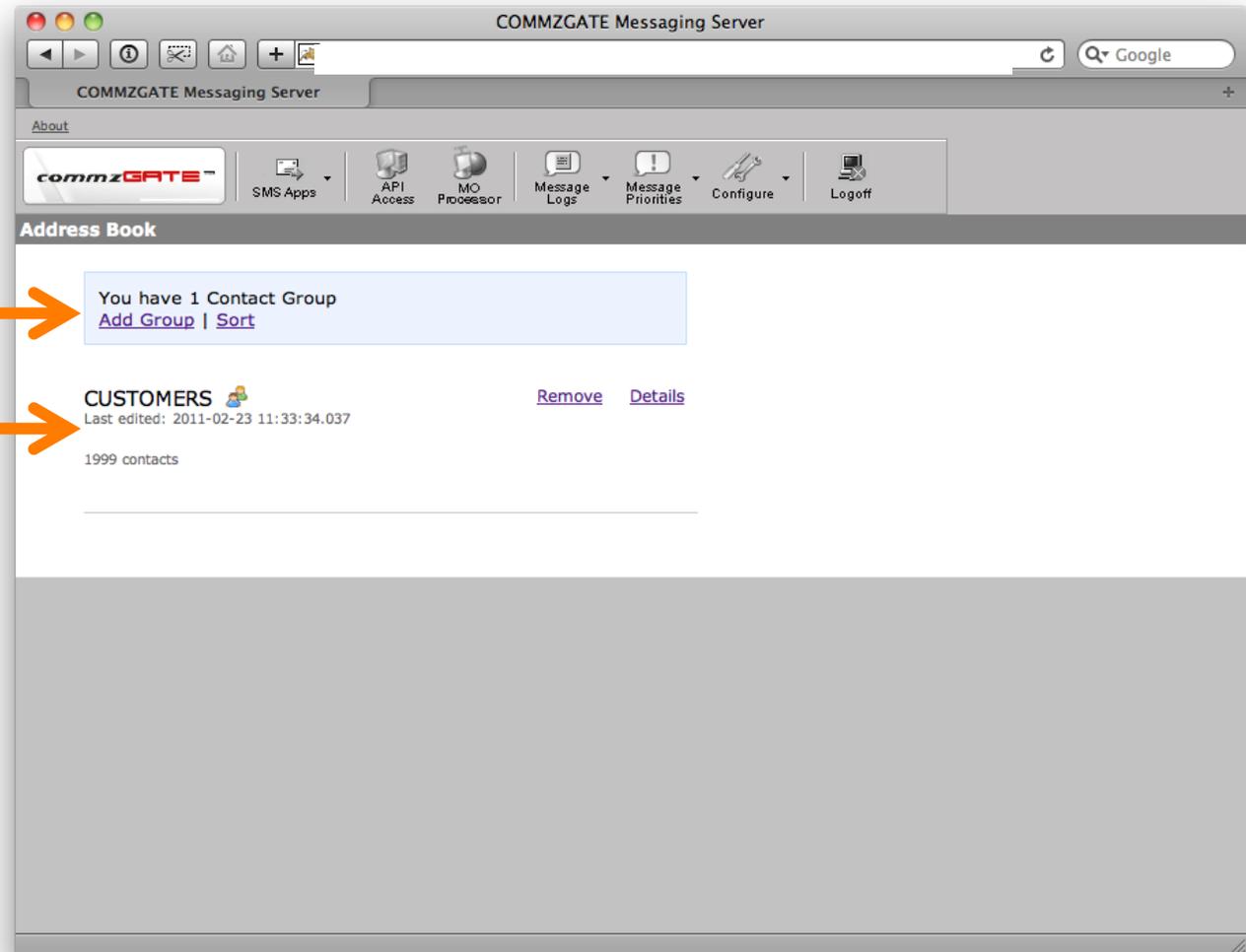Set the message to be sent at a later date and time, instead of immediately.

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Send Message

Message Content
Use Templates: ☐ tpl 1 ⬍ [Configure]

Hello from COMMZGATE!

No. of characters: 21

Enter Numbers   **Select From Groups**

1776388499

Country Code required eg. 6598778888
Separate each number with a newline

Options:
Immediate Send ⬍ 2011 ⬍ 2 ⬍ 23 ⬍ 07 ⬍ 09 ⬍

(Send)

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SMS Apps: Address Book

Address Book enables you to upload and organize mobile numbers into groups for easy selection when sending.

This sub-menu allows you to create groups by uploading the recipient info as a CSV file.

Details of each of your groups are shown, including the number of contacts in the group.
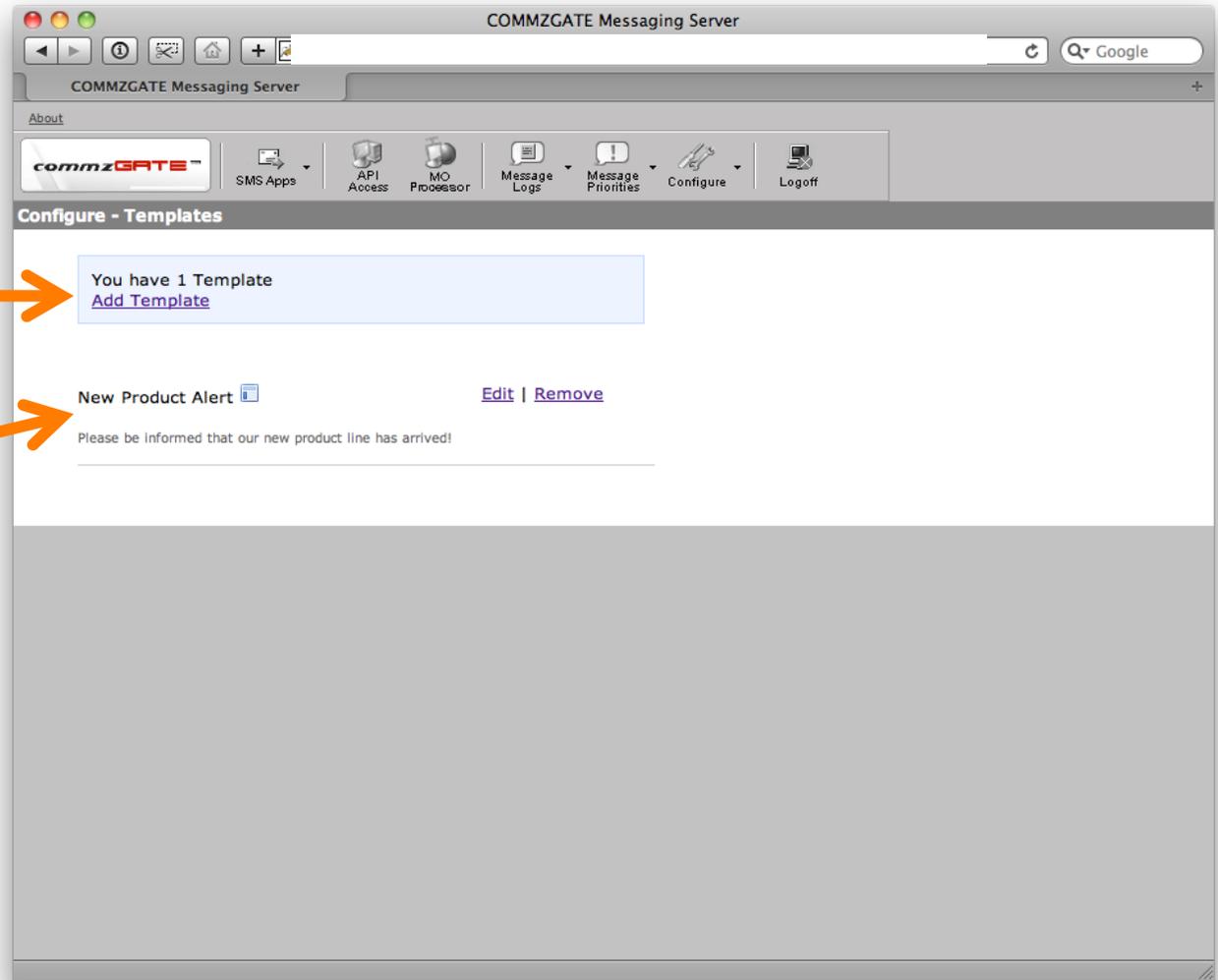Click on 'Remove' to delete this group, click on 'Details' to view the contents within the group.

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Address Book

You have 1 Contact Group
Add Group | Sort

CUSTOMERS
Last edited: 2011-02-23 11:33:34.037

1999 contacts   Remove   Details

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SMS Apps: Templates

Templates store message templates
that cab be re-used repeatedly from
the Web Messenger function.

Create and store as many
templates as you wish.

The list of templates you had
created is shown here. These
can be edited or removed.

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API Access

API Access allows you to enable external applications to access the COMMZGATE HTTP API.

You can toggle the API Access function on or off here.

This is the list of API accounts that has been created.
Click "Add' to create more API accounts.
You can restrict API requests to be coming in from only a specific IP, or use a wildcard * to allow from any IP address.

The HTTP API specifications can be downloaded here:
https://s3.amazonaws.com/commzgate-us1/documentation/API_Guide_v4.0-release.pdf

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MO Processor

MO Processor enables you to process received SMS MO messages using custom scripts that you create. A "Command" is the first word in each SMS message received and the command received is used to determine which script to execute.

The list of Commands are shown here. Click "Add" to create a new command. In the page to add a new command, specify the URL location of your script. See the MO Processor Guide for more details.

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MO Processor

	Command	Description	Public?	Mobile No.
☐	DEMO		yes	yes

(Add) (Edit) (Delete)

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Message Logs

Message Logs contains history of all messages sent and received via the system. Details include timestamp, mobile number, and message content.

Message logs are paginated into multiple pages if there are many records.

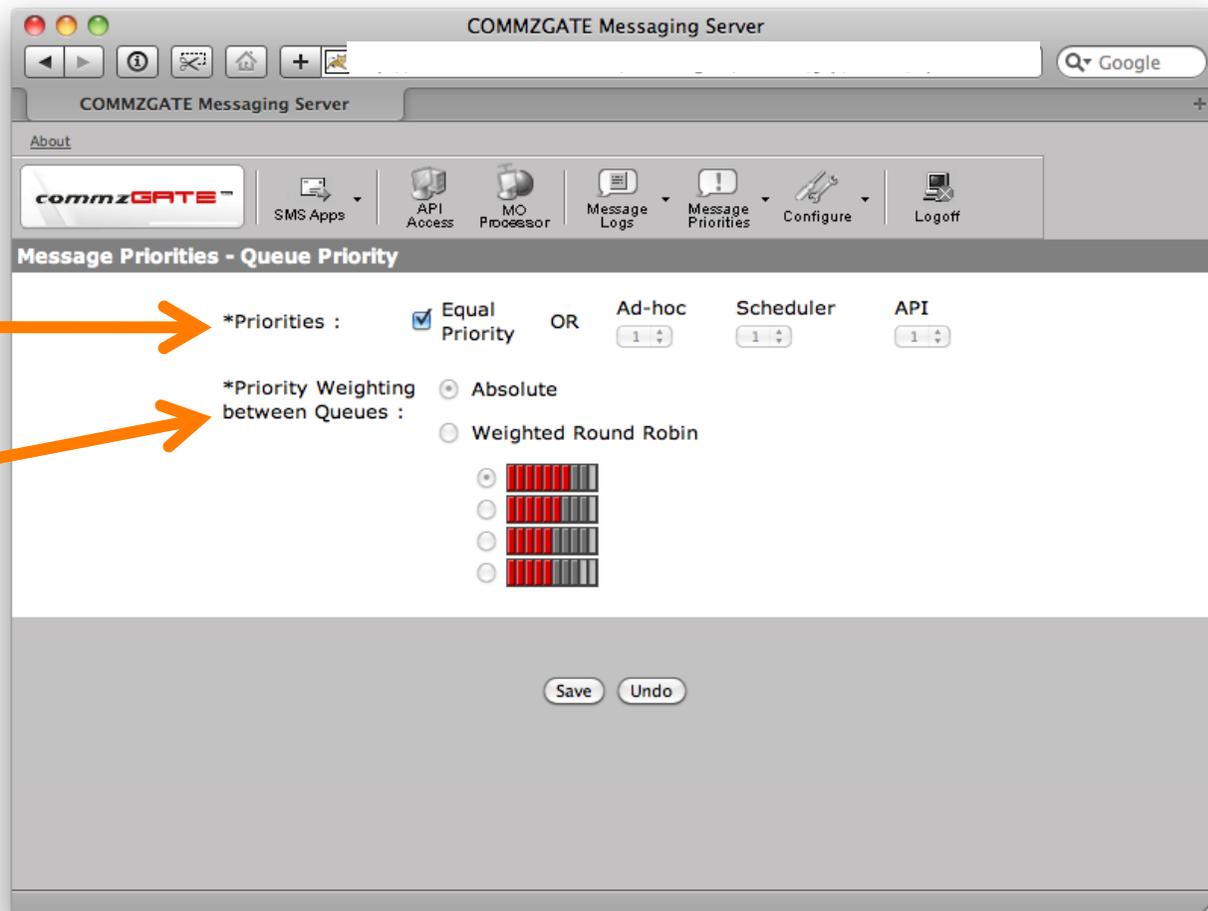Individual message records can be selected and exported as a text file.

Message Content of each message sent or received are shown. Long messages and multilingual content is supported.

Message Priorities

Message Priorities allow you to set rules on how messages are prioritized. Each system queue can be given a priority, and each queue can also be given a routing rule based on recipient number pattern or Modem ID

You can assign a priority level to each functional queue.

If different priorities are assigned to each functional queue, the priority can be either absolute or based on a weighted round-robin.
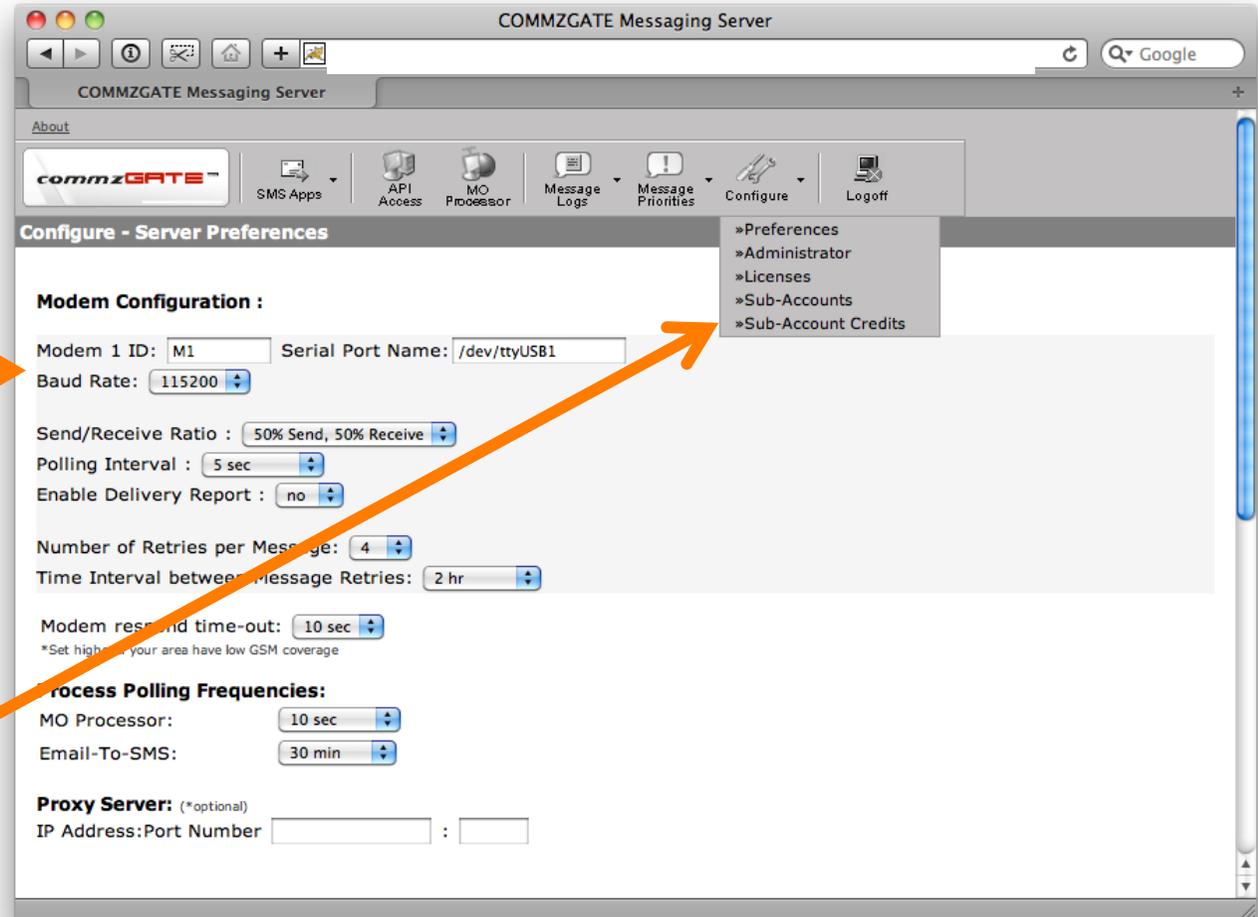

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Configure

Configure contains many system settings that you can use to customize your COMMZGATE server, including the modems that you have connected and their messaging behavior.

Configure each modem's ID, port settings, and baud rate. Settings such as delivery reports and retries are possible too.

More configuration options are available under the Configure sub-menu, including sub-account management and License upgrade.

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Configure - Server Preferences

»Preferences
»Administrator
»Licenses
»Sub-Accounts
»Sub-Account Credits

Modem Configuration :

Modem 1 ID: M1   Serial Port Name: /dev/ttyUSB1
Baud Rate: 115200

Send/Receive Ratio : 50% Send, 50% Receive
Polling Interval : 5 sec
Enable Delivery Report : no

Number of Retries per Message: 4
Time Interval between Message Retries: 2 hr

Modem respond time-out: 10 sec
*Set higher if your area have low GSM coverage

Process Polling Frequencies:
MO Processor: 10 sec
Email-To-SMS: 30 min

Proxy Server: (*optional)
IP Address:Port Number   :

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