

MAS-1.1

Messaging Activation Server Administration Guide

Isode

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1 Software version

This guide is published in support of Isode Messaging Activation Server R1.1. It may also be pertinent to later releases. Please consult the release notes for further details.

2 Readership

This guide is intended for administrators who plan to configure and use Messaging Activation Server which provides a web-browser interface for administrators wishing to manage Isode products activations (licences).

3 Related publications

Related topics are discussed in the volumes of the Isode documentation set listed below.

Volume	Title
SWADM	<i>M-Switch Administration Guide</i>
VAUADM	<i>M-Vault Administration Guide</i>
MBOXADM	<i>M-Box Administration Guide</i>

4 Typographical conventions

The text of this manual uses different typefaces to identify different types of objects, such as file names and input to the system. The typeface conventions are shown in the table below.

Object	Example
File and directory names	<i>isoentities</i>
Program and macro names	mkpasswd
Input to the system	cd newdir
Cross references	see Section 5, “File system place holders”
Additional information to note, or a warning that the system could be damaged by certain actions.	Notes are additional information; cautions are warnings.

5 File system place holders

Where directory names are given in the text, they are often place holders for the names of actual directories where particular files are stored. The actual directory names used

depend on how the software is built and installed. All of these directories can be changed by configuration.

Certain configuration files are searched for first in (*ETCDIR*) and then (*SHAREDIR*), so local copies can override shared information.

The actual directories vary, depending on whether the platform is Windows or UNIX.

Name	Place holder for the directory used to store...	Windows (default)	UNIX
(<i>BINDIR</i>)	Programs run by users.	<i>C:\Program Files\Isode\MAS\bin</i>	<i>/opt/isode/bin</i>
(<i>CACHEDIR</i>)	Cache files.	<i>C:\Isode\MAS\cache</i>	<i>/var/cache/isode/mas</i>
(<i>CLIENTDIR</i>)	Default MAS client files	<i>C:\Program Files\Isode\MAS\share\webapps\mas</i>	<i>/opt/isode/share/webapps/mas</i>
(<i>DATADIR</i>)	Storing local data.	<i>C:\Isode\MAS</i>	<i>/var/isode/mas</i>
(<i>ETCDIR</i>)	System-specific configuration files.	<i>C:\Isode\MAS\etc</i>	<i>/etc/isode/mas</i>
(<i>LIBDIR</i>)	Libraries.	<i>C:\Program Files\Isode\MAS\bin</i>	<i>/opt/isode/mas/lib</i>
(<i>LOGDIR</i>)	Log files.	<i>C:\Isode\MAS\log</i>	<i>/var/log/isode/mas</i>
(<i>SBINDIR</i>)	Programs run by the system administrators.	<i>C:\Program Files\Isode\MAS\bin</i>	<i>/opt/isode/mas/sbin</i>
(<i>SHAREDIR</i>)	Configuration files that may be shared between systems. Common data and documentation files.	<i>C:\Program Files\Isode\MAS\share</i>	<i>/opt/isode/mas/share</i>
(<i>TMPDIR</i>)	Temporary files.	<i>C:\Isode\MAS\tmp</i>	<i>/var/tmp/isode/mas</i>

6 Support queries and bug reporting

A number of email addresses are available for contacting Isode. Please use the address relevant to the content of your message.

- For all account-related inquiries and issues: customer-service@isode.com. If customers are unsure of which list to use then they should send to this list. The list is monitored daily, and all messages will be responded to.
- To provide keys necessary to activate products, send the generated string to support@isode.com along with information on what is being evaluated or what has been purchased.
- For all technical inquiries and problem reports, including documentation issues from customers with support contracts: support@isode.com. Customers should include relevant contact details in initial calls to speed processing. Messages which are continuations of an existing call should include the call ID in the subject line. Customers without support contracts should not use this address.
- For all sales inquiries and similar communication: sales@isode.com.

Bug reports on software releases are welcomed. These may be sent by any means, but electronic mail to the support address listed above is preferred. Please send proposed fixes with the reports if possible. Any reports will be acknowledged, but further action is not guaranteed. Any changes resulting from bug reports may be included in future releases.

Isode sends release announcements and other information to the Isode News email list, which can be subscribed to from the address: <http://www.isode.com/company/subscribe.html>

The Isode Messaging Activation Server, MAS uses TLS (Transport Layer Security) to encrypt data in transit. This means that MAS is subject to UK Export Controls. For some countries (at the time of shipping this release, these comprise all EU countries, United States of America, Canada, Australia, New Zealand, Switzerland, Norway, Japan) these Export Controls can be handled by administrative process as part of evaluation or purchase. For other countries, a special Export License is required. This can be applied for only in context of a purchase order for Cobalt.

The TLS feature of MAS is enabled by a TLS Product Activation feature. This feature may be turned off, and MAS without this TLS feature is not export controlled. This can be helpful to support evaluation of MAS in countries that need a special export license.

MAS is used to administer sensitive data and so Isode strongly recommends that all operational deployments of MAS use the export-controlled TLS feature. You must ensure that you comply with these Export Controls where applicable, i.e. if you are licensing or re-selling Isode products. All Isode Software is subject to a license agreement and your attention is also called to the export terms of your Isode license.

Chapter 1 Introduction to MAS

This section introduces Messaging Activation Server and talks about how its configuration is stored.

1.1 Overview

The Isode Messaging Activation Server, MAS, provides a zero-footprint web client that allows administrators to manage the Product Activation of Isode products.

Chapter 2 Starting The Messaging Activation Server

This section describes how to start up the Isode Messaging Activation Server and how authentication is established.

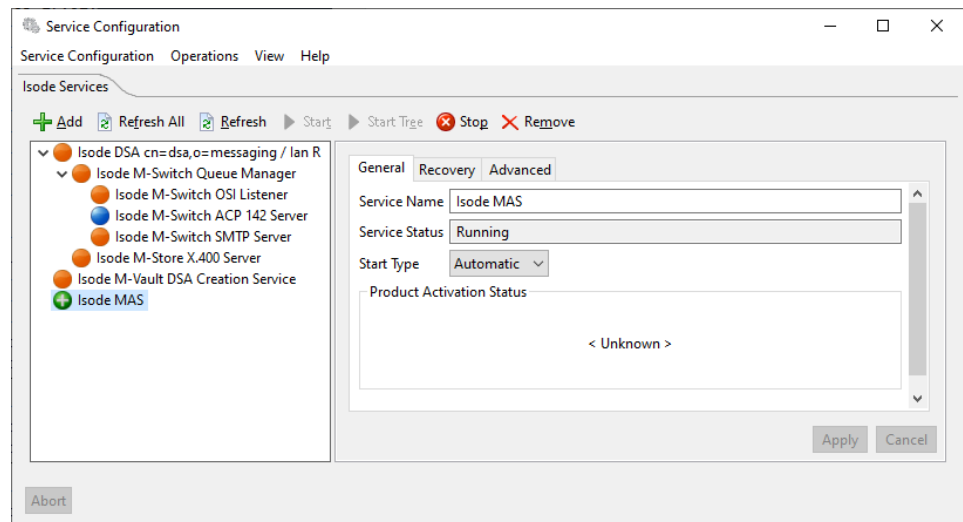
2.1 Messaging Activation Server service

The Isode Messaging Activation Server, MAS, provides a web based client that allows administrators to manage the activation of Isode products.

On Linux after installing the Isode Messaging Activation Server it is automatically added as a systemd service (mas), and starts up.

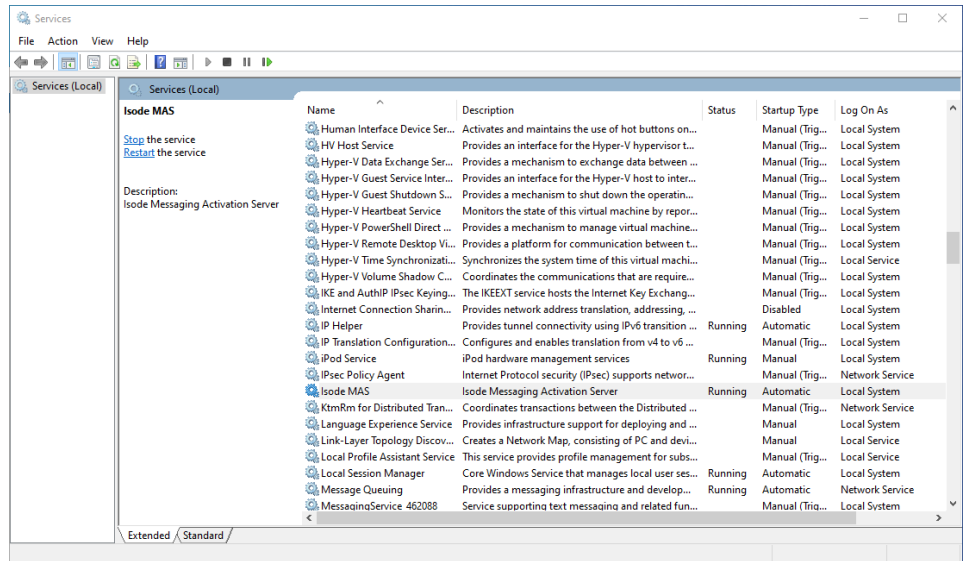
On Windows after installing the Isode Messaging Activation Server it is automatically added as a Windows Service, and starts up. It can be seen in the Isode Service Config as in the following figure:

Figure 2.1. Windows Services with Activation Server Started



MAS can also be seen in the Windows Service Manager as in the following figure:

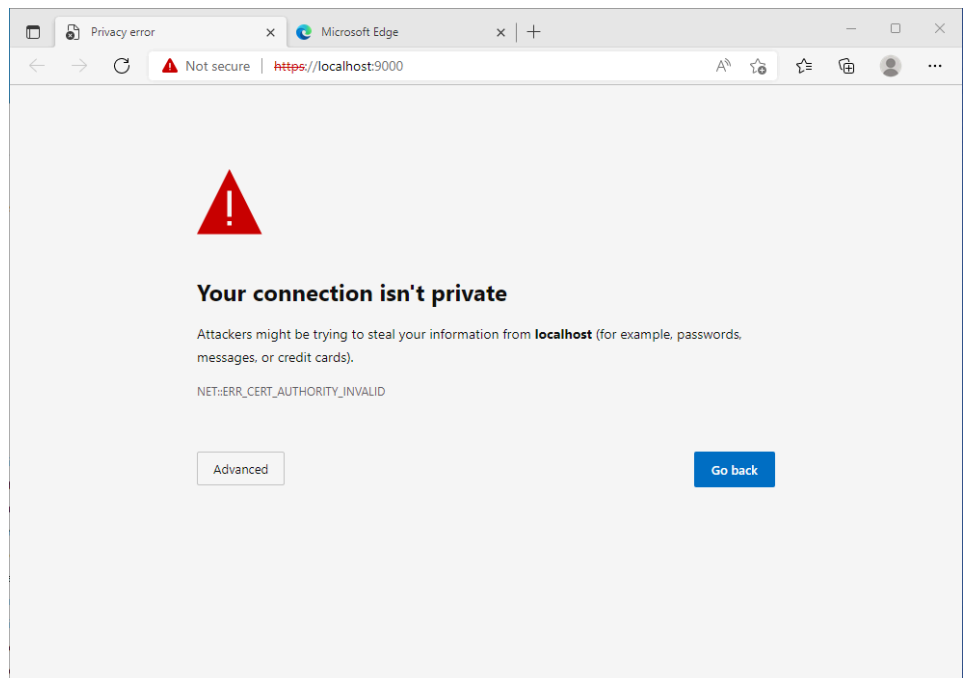
Figure 2.2. Windows Services with Activation Server Started



2.2 Initial Usage

Point your browser at localhost:9000/ which will result in the following page.

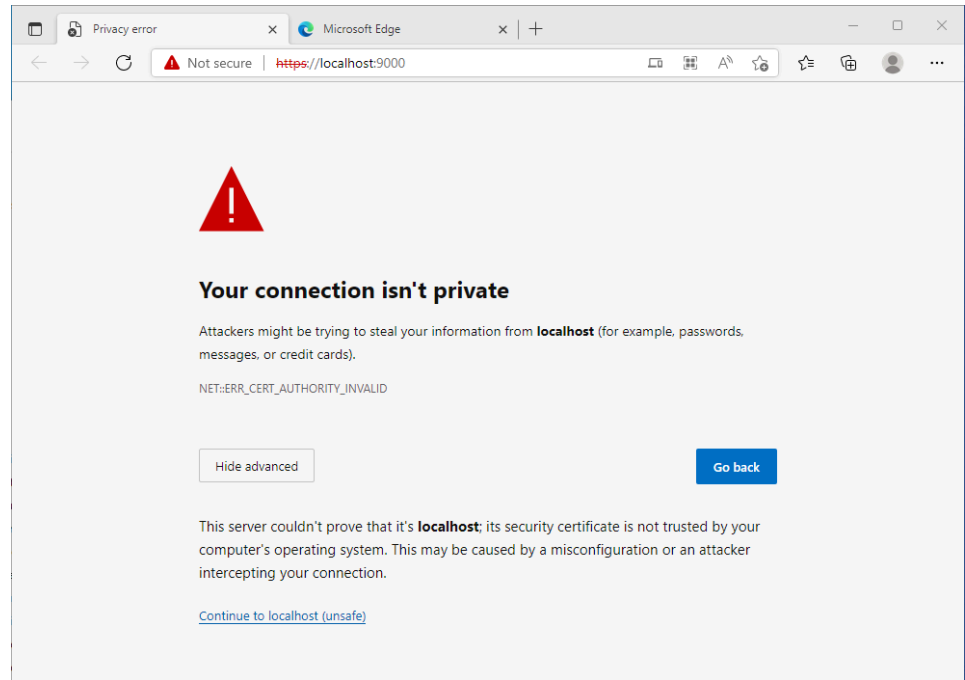
Figure 2.3. Initial Screen



The warning is caused by the fact that TLS cannot be trusted because the Isode Messaging Activation Server is using a self signed certificate.

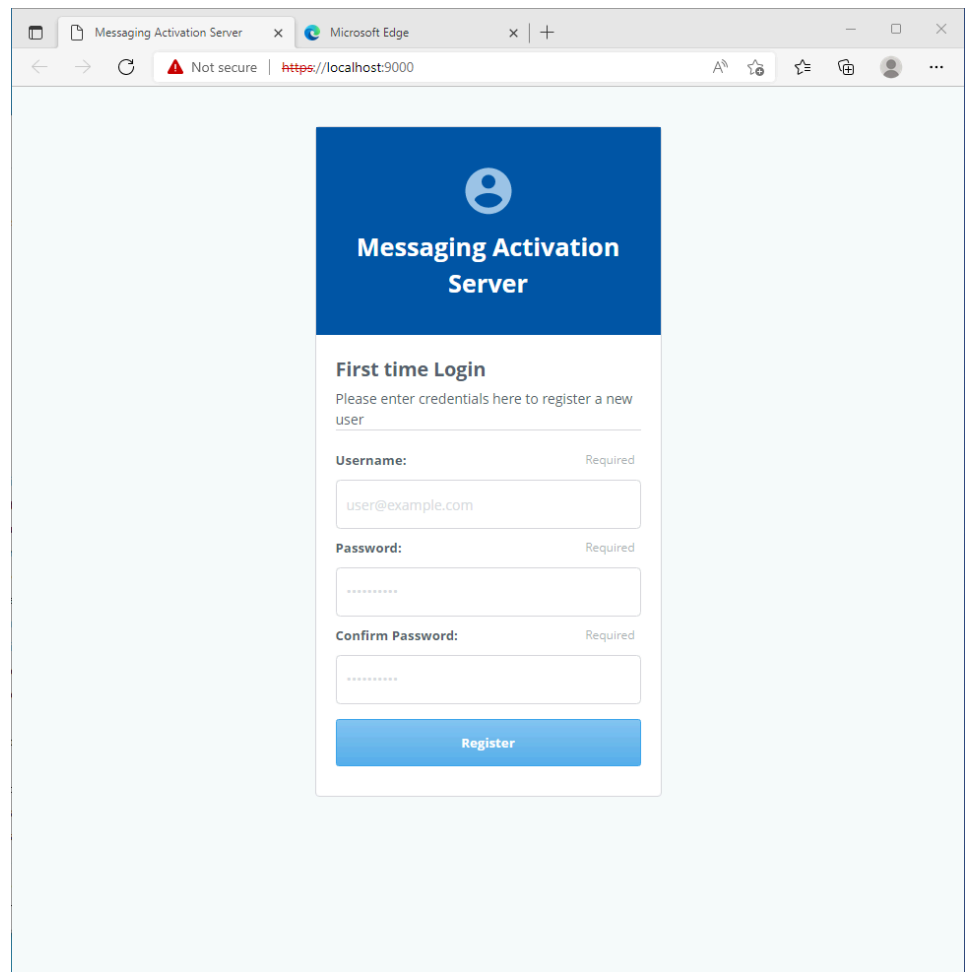
Click on the **Advanced** button and the following screen appears:

Figure 2.4. Initial Screen (Advanced)



Click on the **Continue to localhost (unsafe)** button and the following screen appears:

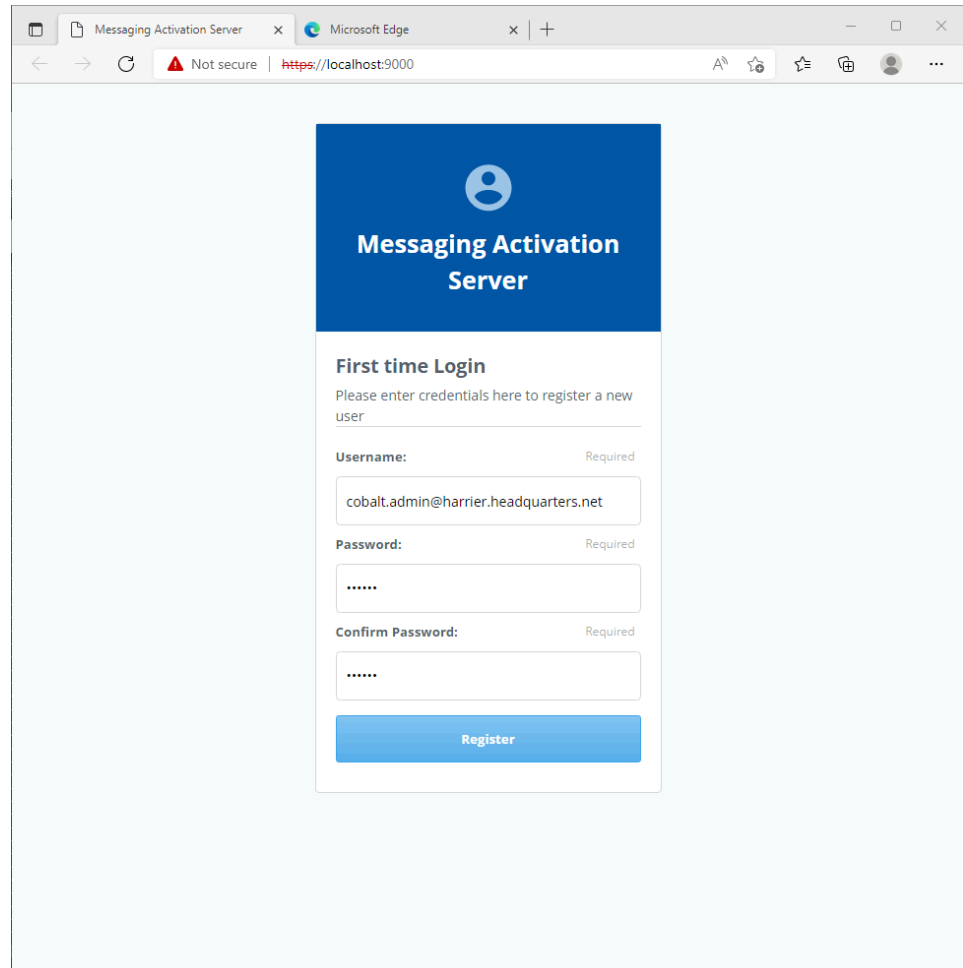
Figure 2.5. Initial Config Screen



The initial configuration screen allows you to configure the Isode Messaging Activation Server Administrator credentials. These are stored as username and password in local encrypted filestore.

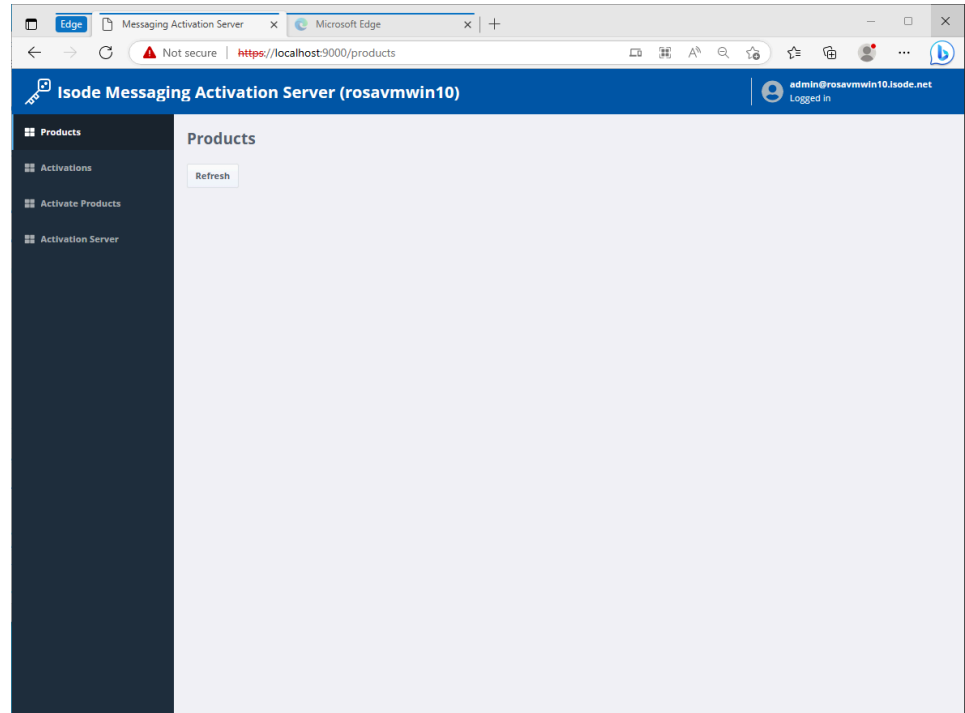
Enter the username and password you wish to use for this and future sessions. The following screen shows these values having been entered, and the **Register** button lights up.

Figure 2.6. Initial Config Screen With Username and Password



Click on the **Register** button to set up this user as the MAS Administrator, and the following screen appears:

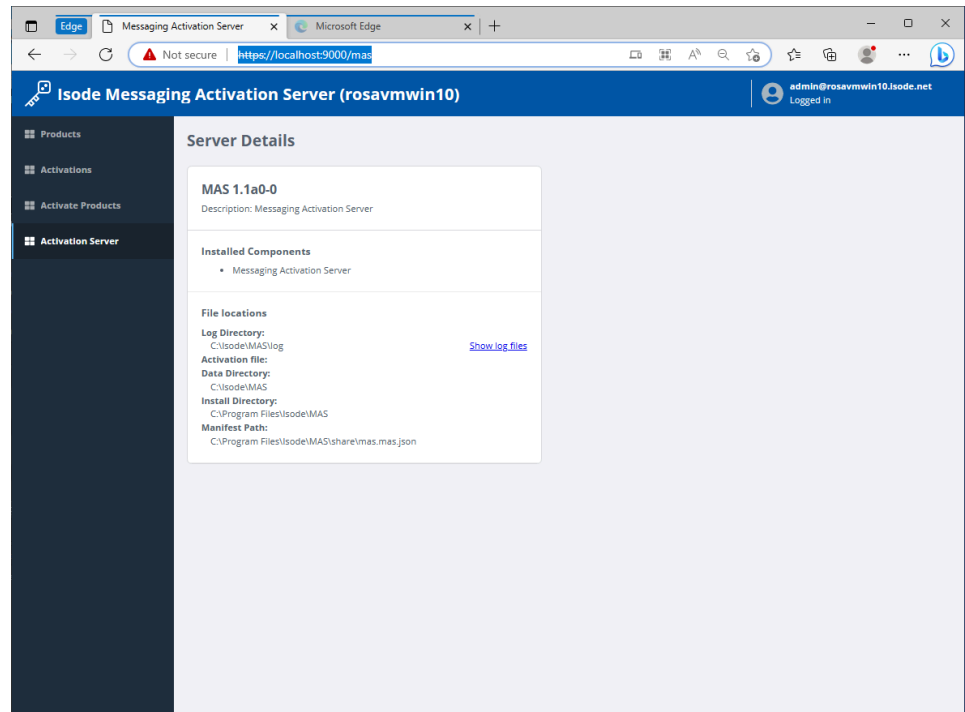
Figure 2.7. Initial Screen after Logging In



If at this point no other Isode products have been installed, no products appear in this window as shown above.

Click on **Activation Server** to show the details of the Activation Server itself:

Figure 2.8. Activation Server Home Page



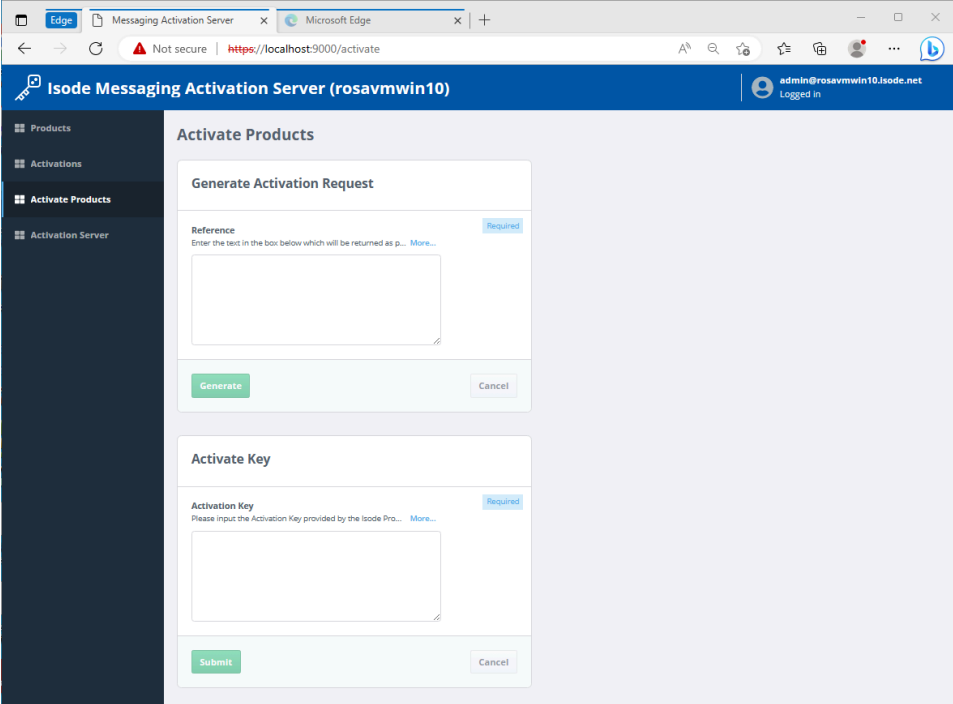
Chapter 3 Managing Products Activations

This section describes how to use the Isode Messaging Activation Server to manage Isode products activations.

3.1 Generating An Activation Request

Click on **Activate Products** to start the process of activating products:

Figure 3.1. Activate Products



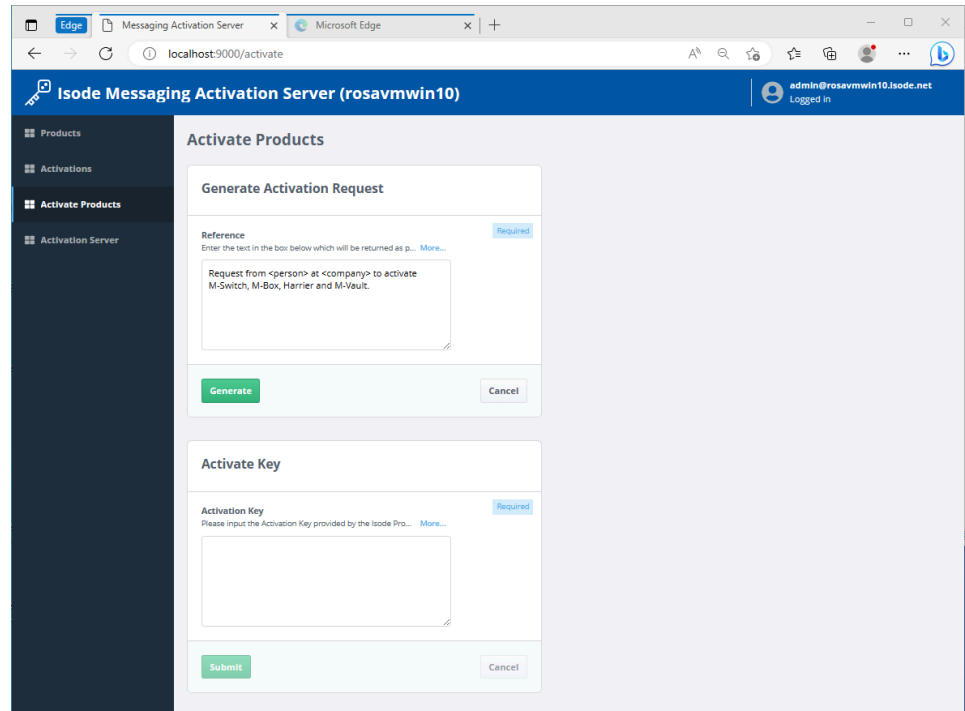
The screenshot shows a web browser window with the URL `https://localhost:9000/activate`. The page title is "Isode Messaging Activation Server (rosavmwin10)". The user is logged in as `admin@rosavmwin10.isode.net`. The main content area is titled "Activate Products" and contains two sections:

- Generate Activation Request:** This section has a "Reference" label and a "Required" indicator. Below it is a text input box with the placeholder text "Enter the text in the box below which will be returned as p... More...". At the bottom of this section are "Generate" and "Cancel" buttons.
- Activate Key:** This section has an "Activation Key" label and a "Required" indicator. Below it is a text input box with the placeholder text "Please input the Activation Key provided by the Isode Pro... More...". At the bottom of this section are "Submit" and "Cancel" buttons.

Enter free form text into Reference Box in order to start the activation process and generate an Activation Request to send to Isode.

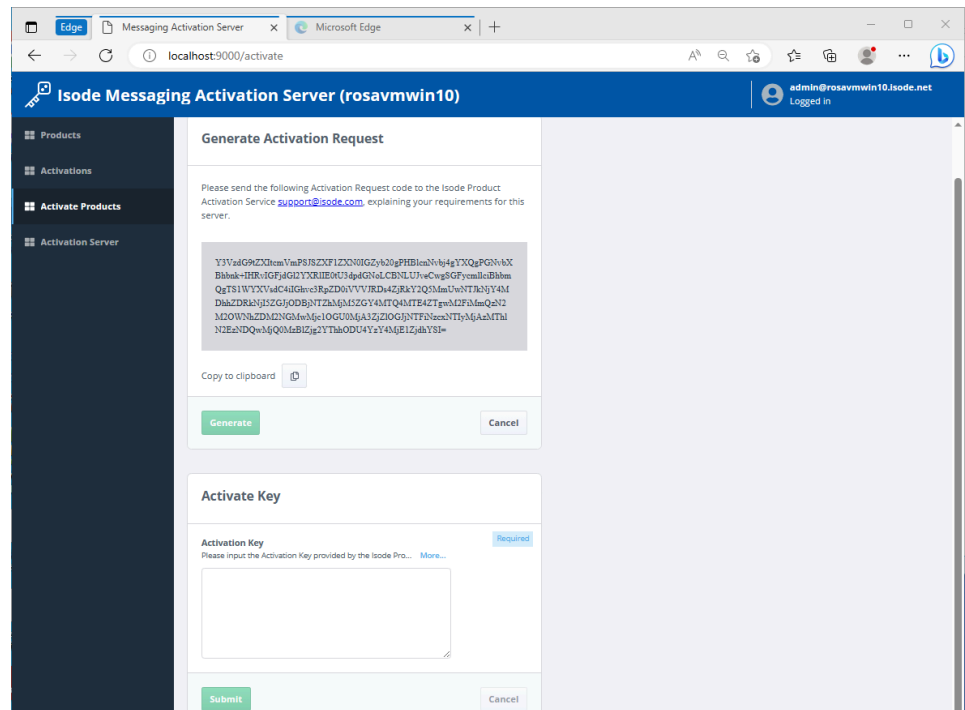
The text is encoded into the Product Activation Request and is returned (again in encoded form) in the Product Activation Key provided by Isode support. This is purely informational and can be used to track information on Product Activation Requests and Keys.

Figure 3.2. Activate Products With Reference Entered



Click on **Submit** underneath the Reference Box to generate the Product Activation Request.

Figure 3.3. Activate Products With PA Request generated

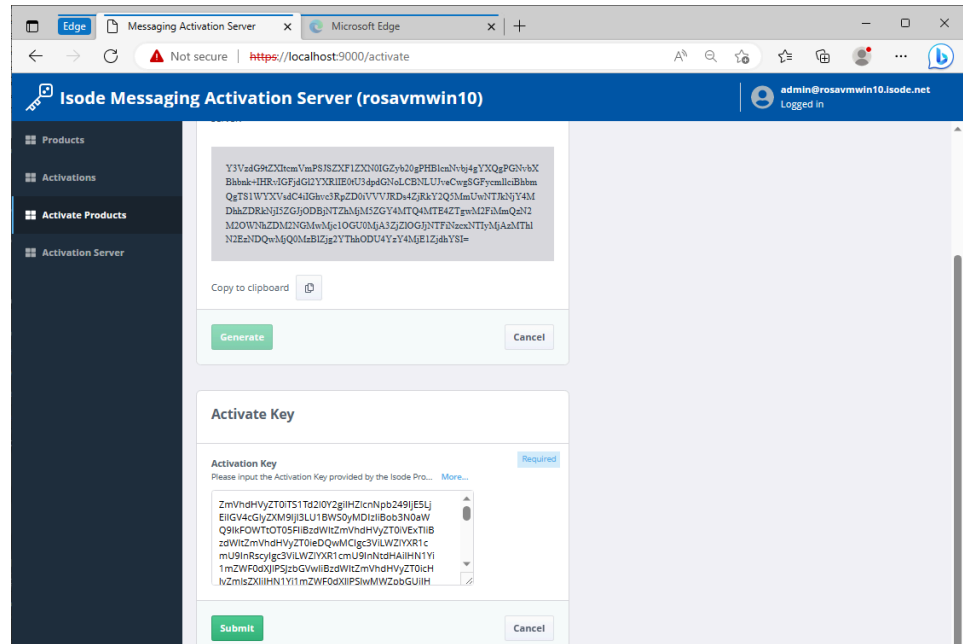


Click on **Copy to clipboard** button and paste the Product Activation Request into an email and send to support@isode.com.

3.2 Applying Activation Keys

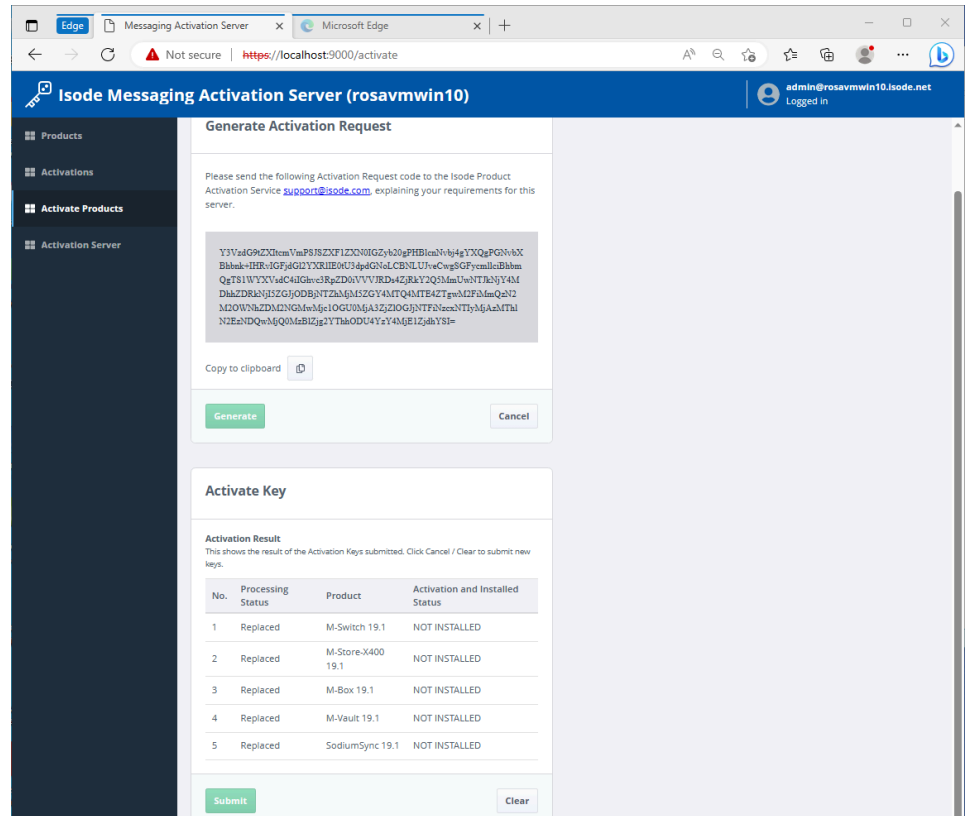
In response to your request you will be sent an email containing the Product Activation Keys. Paste this key into the lower box **Activate Key**.

Figure 3.4. Activate Products With PA Key from Isode



After entering the Product Activation Key received from Isode support, and clicking on **Submit**, the MAS shows the Product Activation Keys processing status and Product activation status.

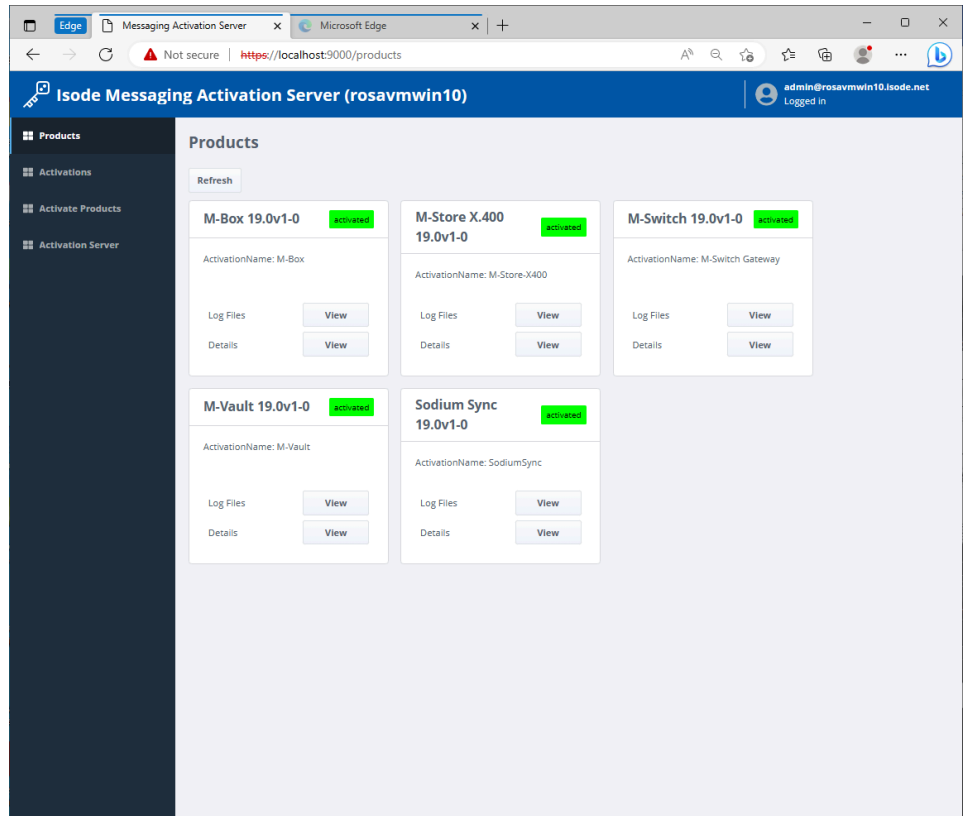
Figure 3.5. Activated Products



3.3 Browsing Installed Products

The **Products** entry in the menu allows the MAS Administrator to see all installed products and their activation details.

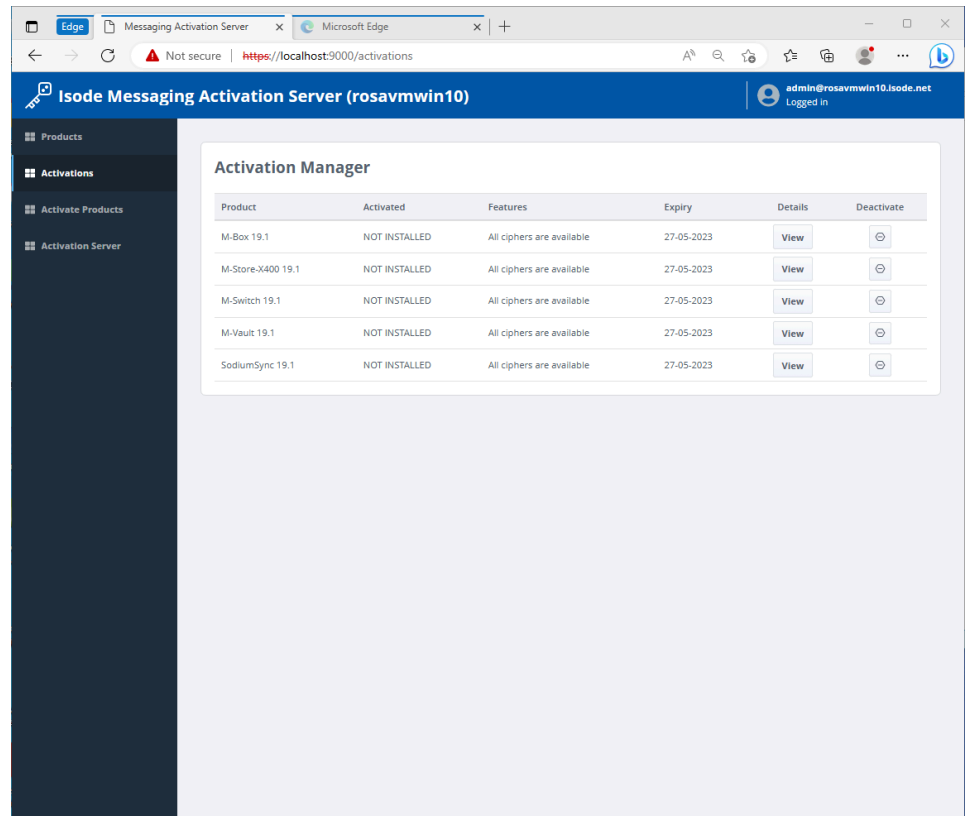
Figure 3.6. Activation keys



3.4 Managing Activation Keys

The **Activations** entry in the menu shows all activation keys. In the screen below the associated products have not yet been installed.

Figure 3.7. Activation keys



This page allows to deactivate products / delete activation keys.