

**MAS-1.0**

**Messaging Activation Server Administration Guide**

**Isode**

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## 1 Software version

This guide is published in support of Isode Messaging Activation Server R1.0. It may also be pertinent to later releases. Please consult the release notes for further details.

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## 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 wishing to manage the activation of Isode products using Product Activation Keys (formerly known as licences).

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## 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>

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## 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 <a href="#">Section 5, “File system place holders”</a>
Additional information to note, or a warning that the system could be damaged by certain actions.	Notes are additional information; cautions are warnings.

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## 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>

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## 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](mailto: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.
- For all licensing related issues: [license@isode.com](mailto:license@isode.com).
- For all technical inquiries and problem reports, including documentation issues from customers with support contracts: [support@isode.com](mailto: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](mailto: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>

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## 7 Export controls

Many Isode products use protocols and algorithms to encrypt data on connections. If you license the higher grade encryption (HGE) Isode products they are subject to UK Export controls.

You must ensure that you comply with these controls where applicable, i.e. if you are licensing or re-selling Isode products outside the Community with the HGE option selected.

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 the Isode Messaging Activation Server.

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## 1.1 Overview

The Isode Messaging Activation Server, MAS, is a web server providing administrators with the ability to carry out the Product Activation of Isode products using a standard web browser.

# Chapter 2 Starting The Messaging Activation Server

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

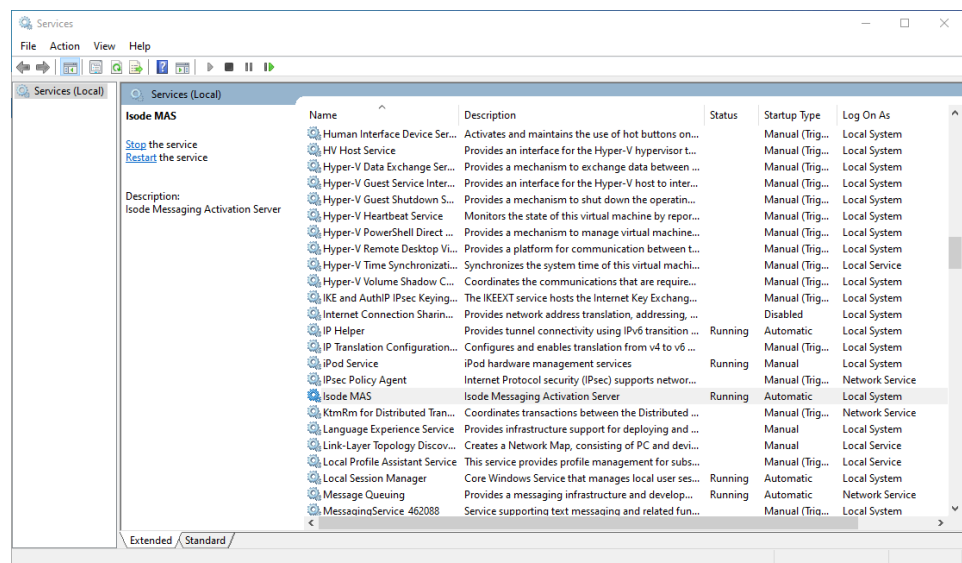
## 2.1 Starting The Messaging Activation Server

### 2.1.1 Starting The Messaging Activation Server On Windows

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

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

**Figure 2.1. Windows Services with Activation Server Started**



### 2.1.2 Starting The Messaging Activation Server On Linux

The Messaging Activation Server service is started/stopped/restarted by using an invocation such as the following in order to start the Messaging Activation Server service:

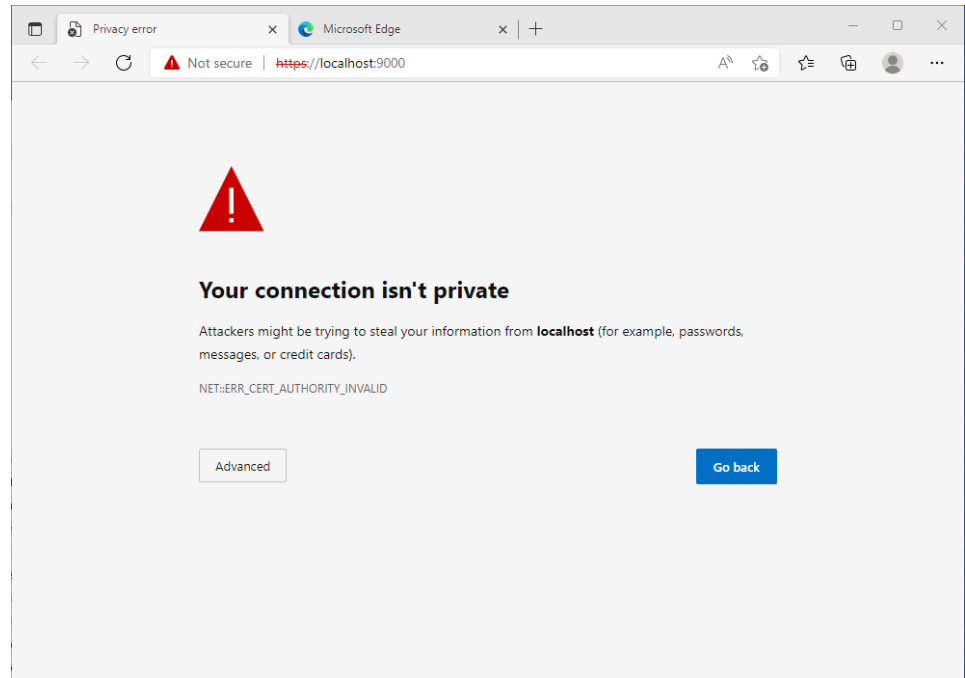
```
systemctl start mas
```

### 2.1.3 Connecting To The Messaging Activation Server

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



**Figure 2.2. Initial Screen**

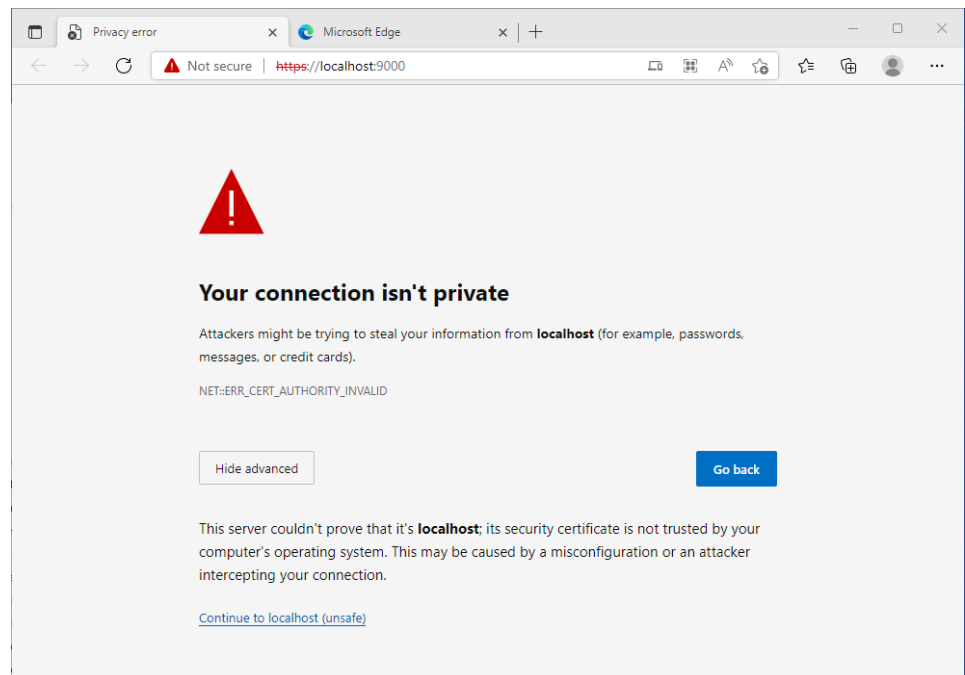


The warning is caused by the fact that TLS cannot be trusted because the Isode Messaging Activation Server is using a self signed certificate.

MAS configures itself with a self-signed certificate, which your browser will probably regard as insecure. For Microsoft Edge, the warnings and required steps are shown below. For other browsers, a similar set of steps will be required.

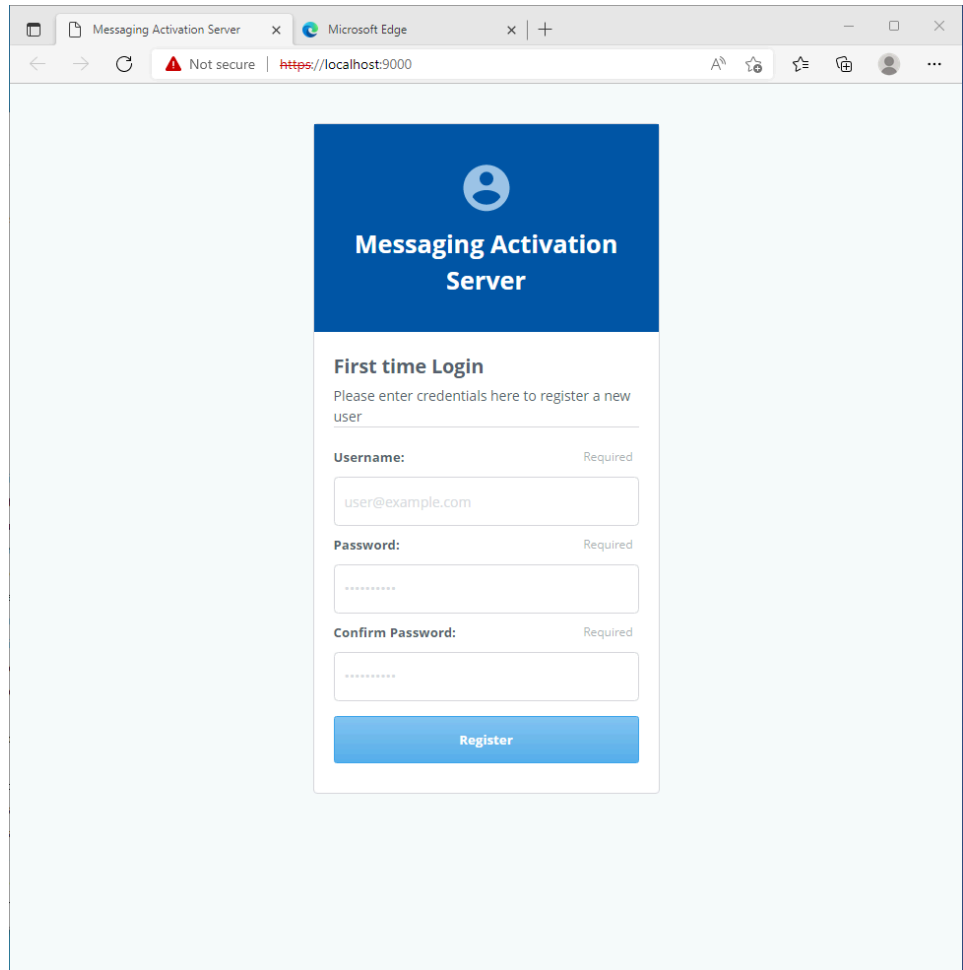
Click on the **Advanced** button and the following screen appears:

**Figure 2.3. Initial Screen (Advanced)**



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

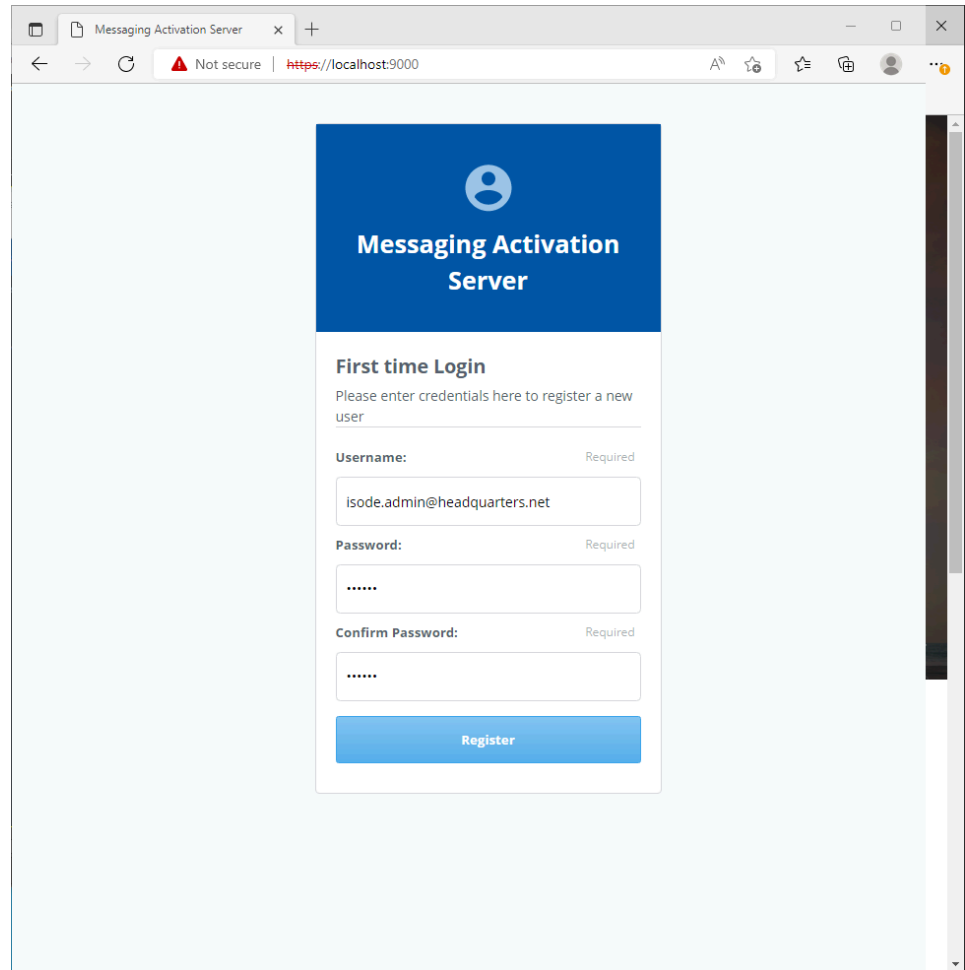
**Figure 2.4. Initial Config Screen**



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.

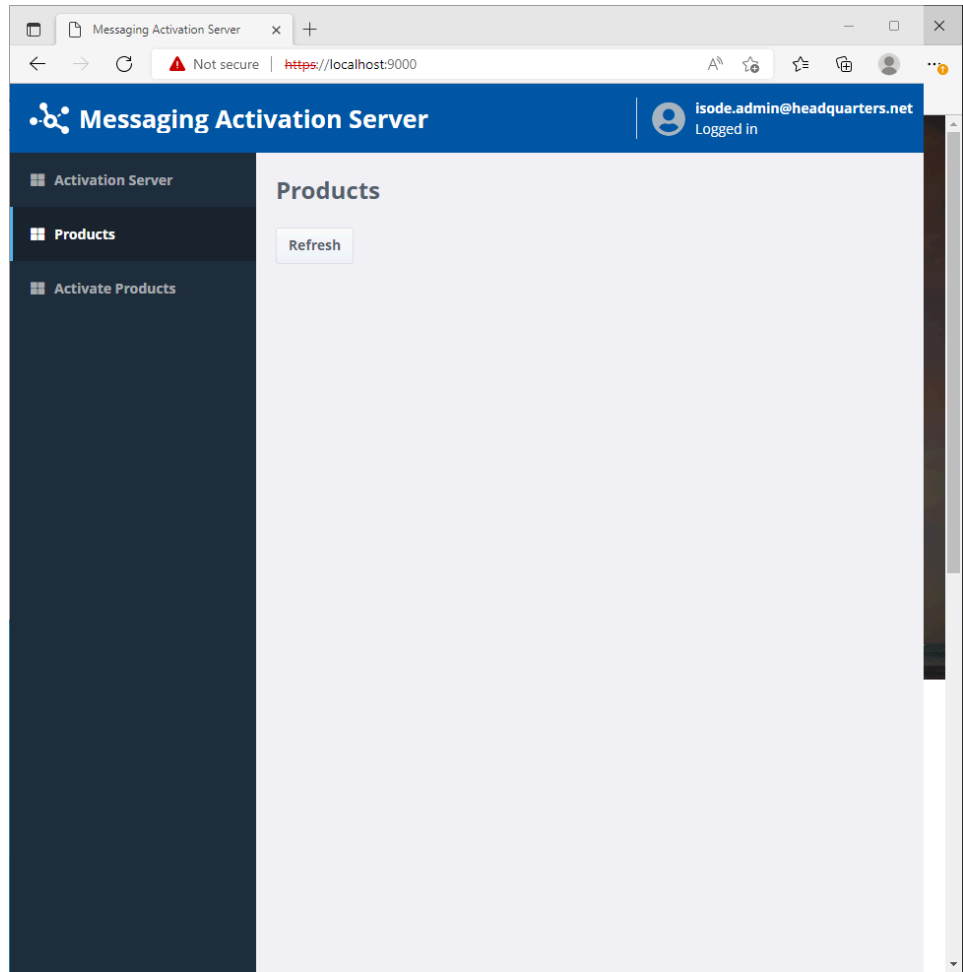
Enter the username and password you wish to use for this and future sessions. The following screen shows these values having been entered, and the **Register** button lights up.

**Figure 2.5. Initial Config Screen With Username and Password**



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

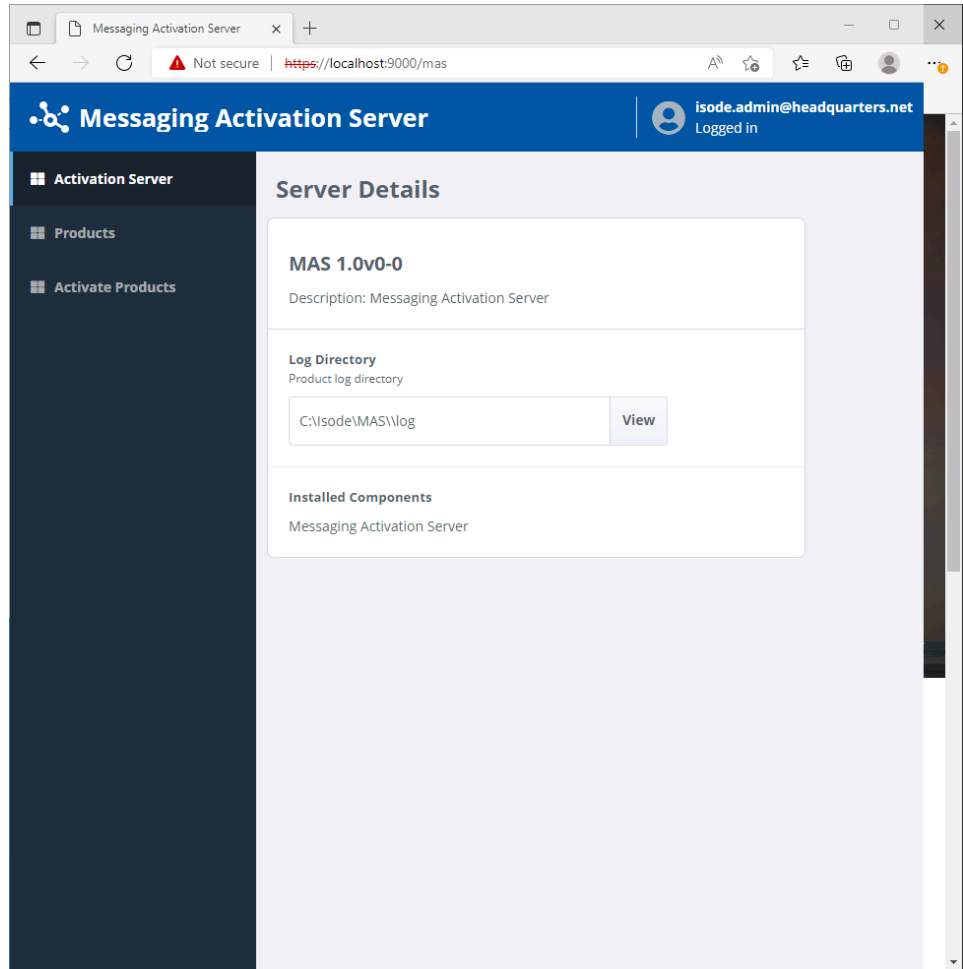
**Figure 2.6. Initial Screen after Logging In**



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 2.7. Activation Server Home Page



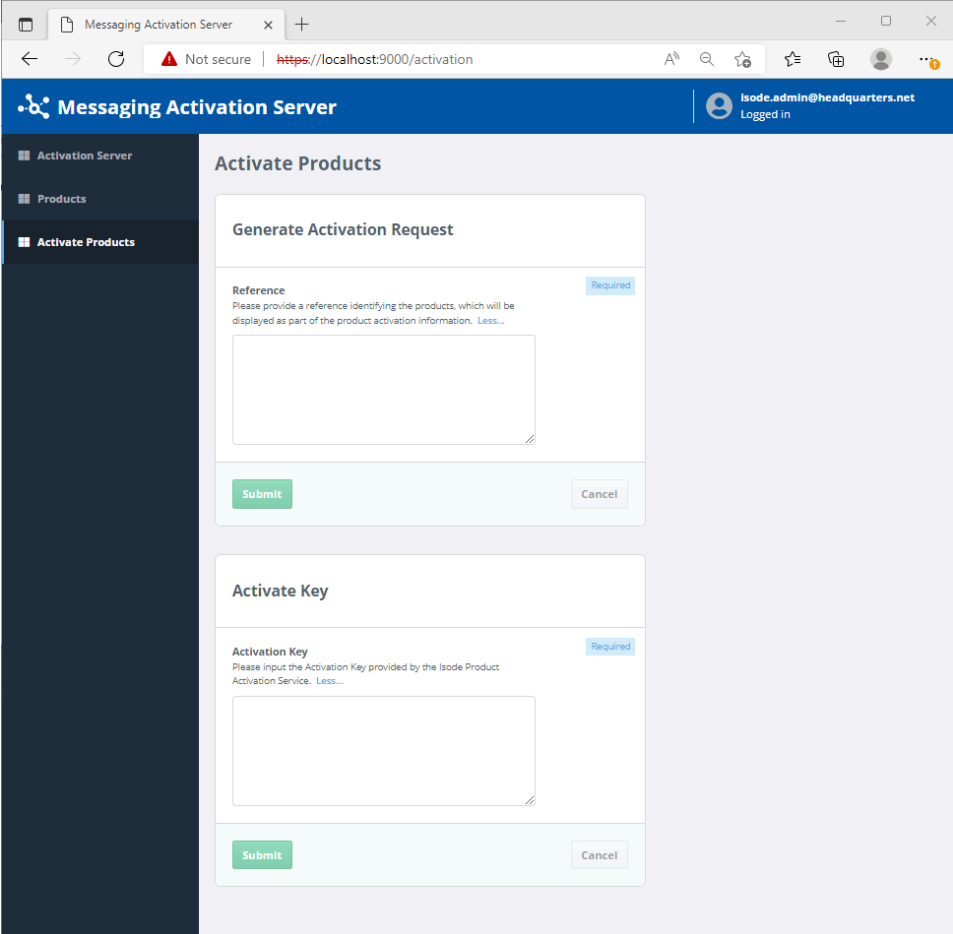
# Chapter 3 Activating Products Using MAS

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

## 3.1 Generating An Activation Request

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

**Figure 3.1. Activate Products**

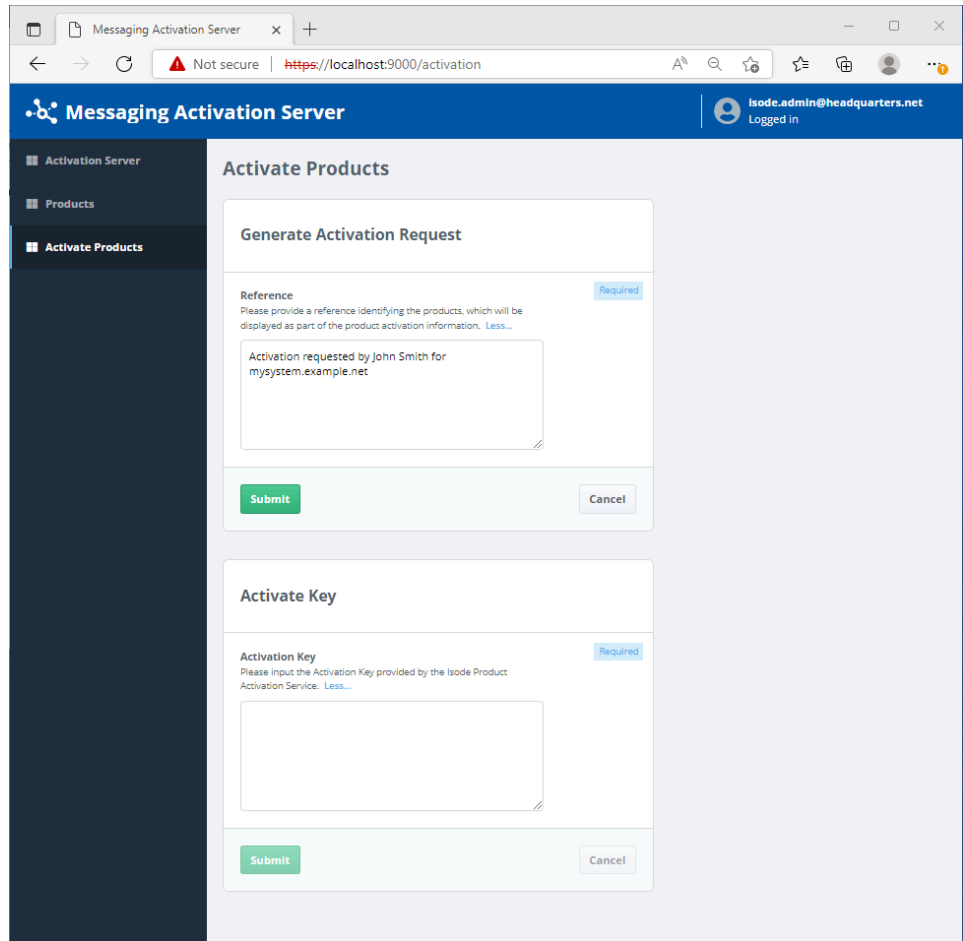


The screenshot shows a web browser window with the URL `https://localhost:9000/activation`. The page title is "Messaging Activation Server" and the user is logged in as "Isode.admin@headquarters.net". The sidebar on the left has three items: "Activation Server", "Products", and "Activate Products", with "Activate Products" being the active item. The main content area is titled "Activate Products" and contains two form sections:

- Generate Activation Request**: This section has a "Reference" label with a "Required" tag. Below it is a text input field with a placeholder "Please provide a reference identifying the products, which will be displayed as part of the product activation information. [Less...](#)". At the bottom of this section are "Submit" and "Cancel" buttons.
- Activate Key**: This section has an "Activation Key" label with a "Required" tag. Below it is a text input field with a placeholder "Please input the Activation Key provided by the Isode Product Activation Service. [Less...](#)". At the bottom of this section are "Submit" and "Cancel" buttons.

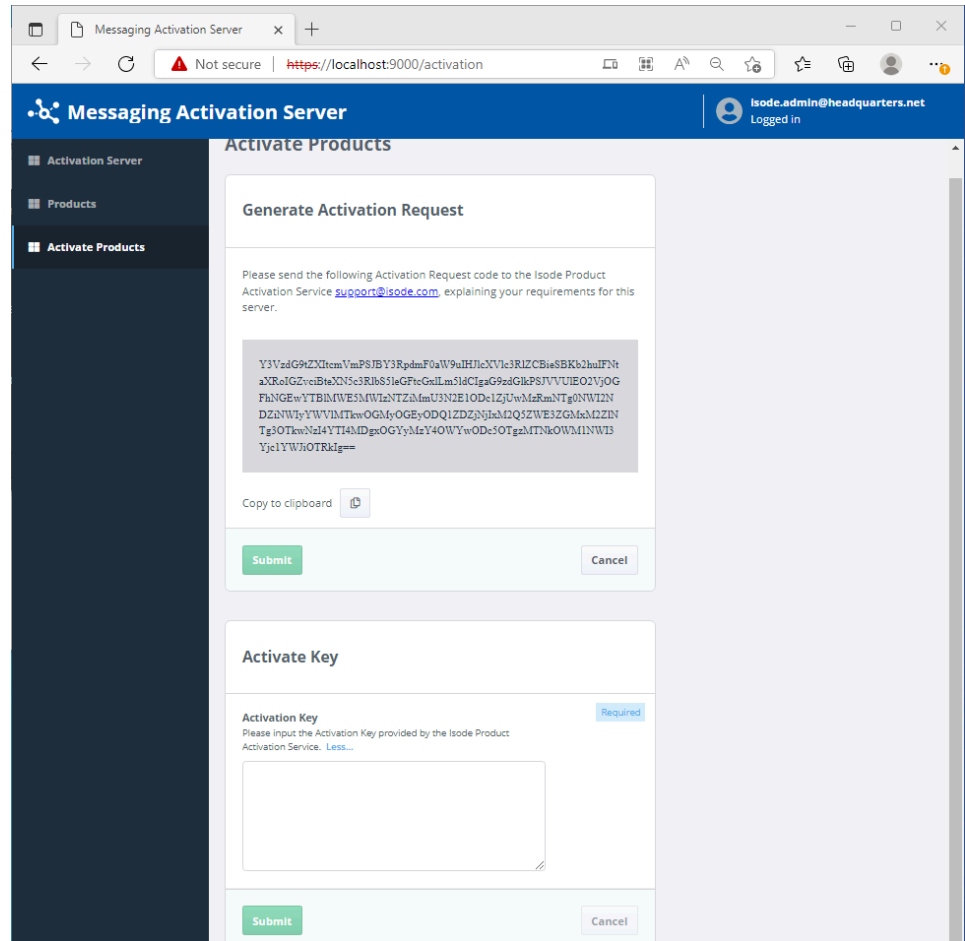
The text you enter in the Reference box is purely informational, and will be included in any Product Activation Key returned by Isode support so that it can be displayed when you later look at the activation information. For example, you might enter text in here identifying the system where the product is deployed.

**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**

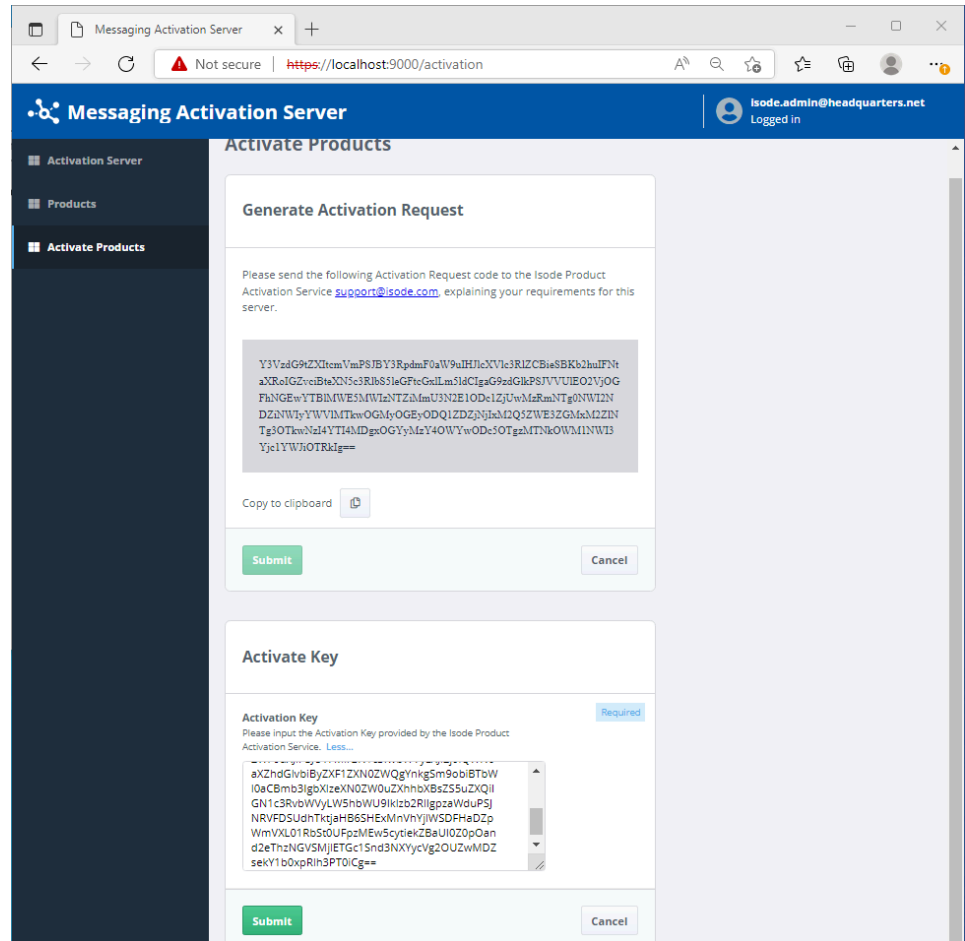


Click on **Copy to clipboard** button and paste the Product Activation Request into an email and send to [support@isode.com](mailto:support@isode.com).

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

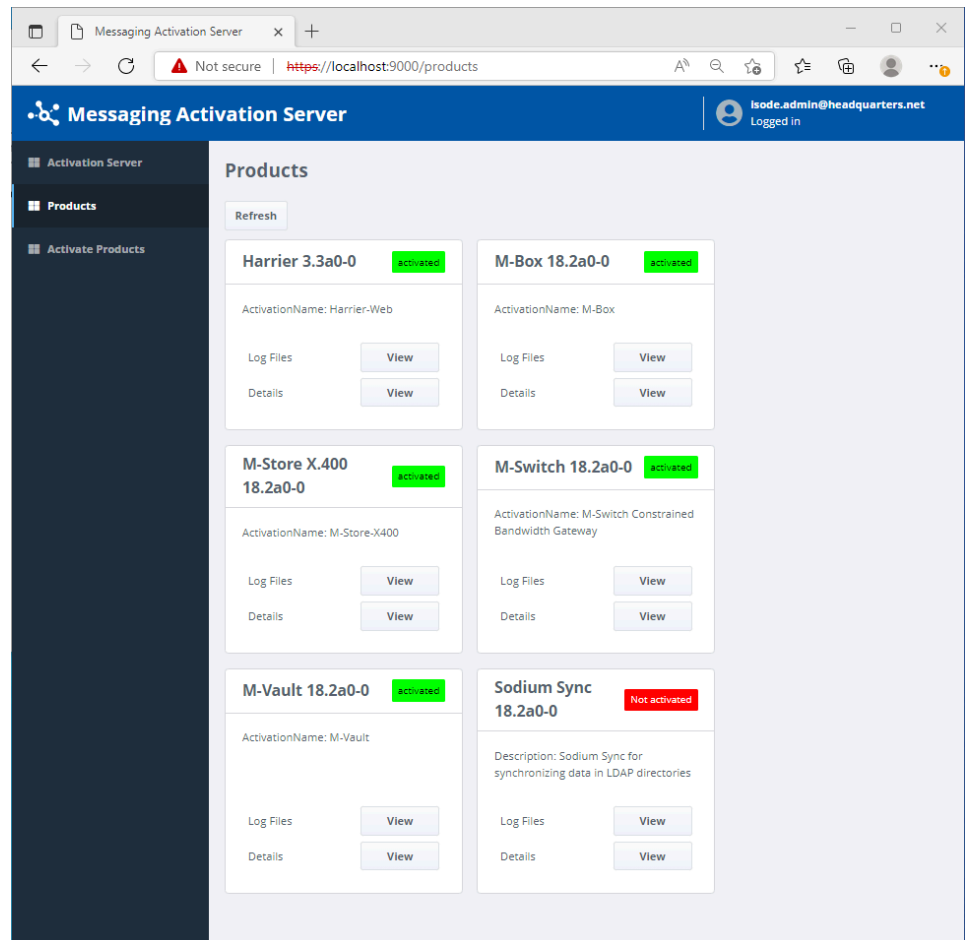


Figure 3.4. Activate Products With PA Key from Isode



After entering the Product Activation Key received from Isode support, and clicking on **Submit**, the **Products** entry in the menu shows the activated products.

**Figure 3.5. Activated Products**



Clicking on **Details** for **View** , shows the details for the installed Product.

Figure 3.6. Activated Product (Detail)

