How To Modify Messages Properties File

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Contents

Overview

There may be occasions where the standard wording upon fields, buttons, webpage titles etc in the AuthControl Sentry SSO Portal is not suitable for your organisation, or the way in which you have integrated the software. This article describes how to modify the messages properties file. Described below is the method for locating and editing the necessary file on the command line on the Swivel Secure appliance.

Pre-requisites

- Knowledge of either:
    - ♦ vi editor
    - ♦ nano editor
- Linux command line
- Access to the Swivel Secure appliance command line

Location the messages_en.properties file

The file is located under /usr/local/tomcat/webapps2/sentry/WEB-INF/classes/messages_en.properties

Backup the messages_en.properties file

It is recommended to backup the file and take an offline copy of the modified file. A backup of the original is recommended in case you need to restore it. A copy of the modified file is recommended because modification of this file is not yet upgrade safe at time of writing. To take a backup of the original file, run the following command prior to making your modification:

```
cp /usr/local/tomcat/webapps2/sentry/WEB-INF/classes/messages_en.properties /root/messages_en.properties.original
```

To take a backup of the modified file, run the following command after making your modification:

```
cp /usr/local/tomcat/webapps2/sentry/WEB-INF/classes/messages_en.properties /root/messages_en.properties.modified
```

Edit the messages_en.properties file

You can use nano or vi to modify the file. These editing programs are shipped by default with the Operating System. If you wish to install another editor, you can do so by running the yum command to install a different editor package e.g. to install vim:

```
yum install vim
```

To edit the file, prepend the absolute path of the filename with the editor command of your choice e.g.

```
vi /usr/local/tomcat/webapps2/sentry/WEB-INF/classes/messages_en.properties
```

or e.g.:

```
nano /usr/local/tomcat/webapps2/sentry/WEB-INF/classes/messages_en.properties
```

You can now locate the property you wish to modify within the file and make the necessary changes.

Example modifications

Change the username field

By default the Username field prompts for ?Username?, but if you are using a federated ID of email address, it makes sense to prompt the user for an ?Email Address? instead. To change this field to ?Email Address?, locate the login.username attribute in the properties file:

```
sam.version=Version: 4.0.5.5521
sam.name=AuthControl Sentry&#8482;
sam.description=The AuthControl Sentry&#8482; allows authentication to be managed in a better way through th$
footer.copyright=&copy; 2018 Swivel Secure. All rights reserved.
footer.geoid=This product includes GeoLite2 data created by MaxMind,<br> available from <a href="http://www.$
startpage.name=Start Page
startpage.title=AuthControl Sentry&#8482; Start Page
startpage.info=Please select an application
startpage.noproviders=No service providers configured - please login as administrator and add

general.property=Property
general.value=Value
general.add=Add
general.save=Save
general.cancel=Cancel
general.info=Info
general.browse=Browse
general.close=Close
applications.add=Add Application

error.title=AuthControl Sentry&#8482; Error
error.general=Oops something went wrong. <br />Please try again or contact your systems administrator.
error.access=Access Error
error.sslCertificateIssue=SSL Certificate issue: {0}
error.unableToConnect=Unable to connect: {0}
error.noneSamlAndNoURL=Unable to retrieve SAML Request and no redirect URL Provided.

coreconnector.notConnectedToCore=Not connected to an instance of the Sentry Core - see the knowledge base fo$
coreconnector.noValidLicense=No valid license detected to use the AuthControl Sentry
coreconnector.noValidSSOLicense=No valid license detected to use SSO
logging.servicenotavailable=Disallowing access: License not found



login.title=AuthControl Sentry&#8482; Login
login.username=Username
login.password=Password
login.otc=OTC
login.mustentername=You must enter a valid username to log in.
login.accessdenied=Access Denied
login.cancelbutton=Cancel
login.loginbutton=Login
login.getmessage=Get Message
```

Change from Username to Email Address as below.

```
sam.version=Version: 4.0.5.5521
sam.name=AuthControl Sentry&#8482;
sam.description=The AuthControl Sentry&#8482; allows authentication to be managed in a better way through th$
footer.copyright=&copy; 2018 Swivel Secure. All rights reserved.
footer.geoid=This product includes GeoLite2 data created by MaxMind,<br> available from <a href="http://www.$
startpage.name=Start Page
startpage.title=AuthControl Sentry&#8482; Start Page
startpage.info=Please select an application
startpage.noproviders=No service providers configured - please login as administrator and add

general.property=Property
general.value=Value
general.add=Add
general.save=Save
general.cancel=Cancel
general.info=Info
general.browse=Browse
general.close=Close
applications.add=Add Application

error.title=AuthControl Sentry&#8482; Error
error.general=Oops something went wrong. <br />Please try again or contact your systems administrator.
error.access=Access Error
error.sslCertificateIssue=SSL Certificate issue: {0}
error.unableToConnect=Unable to connect: {0}
error.noneSamlAndNoURL=Unable to retrieve SAML Request and no redirect URL Provided.

coreconnector.notConnectedToCore=Not connected to an instance of the Sentry Core - see the knowledge base fo$
coreconnector.noValidLicense=No valid license detected to use the AuthControl Sentry
coreconnector.noValidSSOLicense=No valid license detected to use SSO
logging.servicenotavailable=Disallowing access: License not found


login.title=AuthControl Sentry&#8482; Login
login.username=Email Address
login.password=Password
login.otc=OTC
login.mustentername=You must enter a valid username to log in.
login.accessdenied=Access Denied
login.cancelbutton=Cancel
login.loginbutton=Login
login.getmessage=Get Message
```
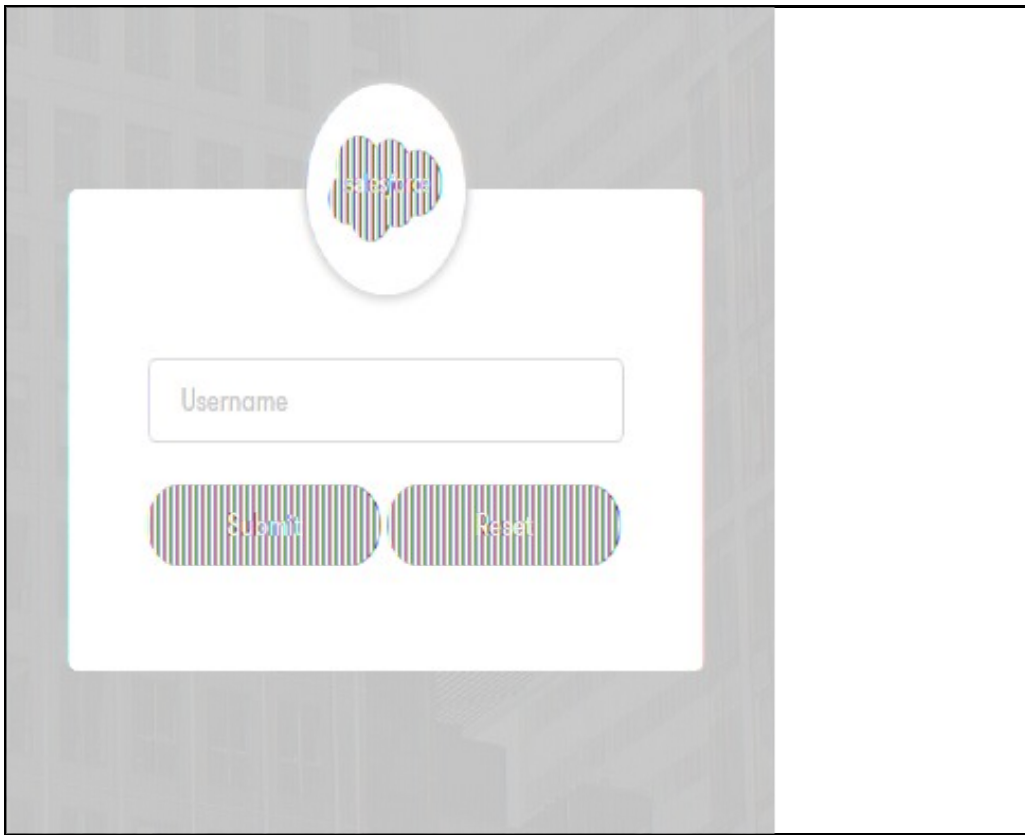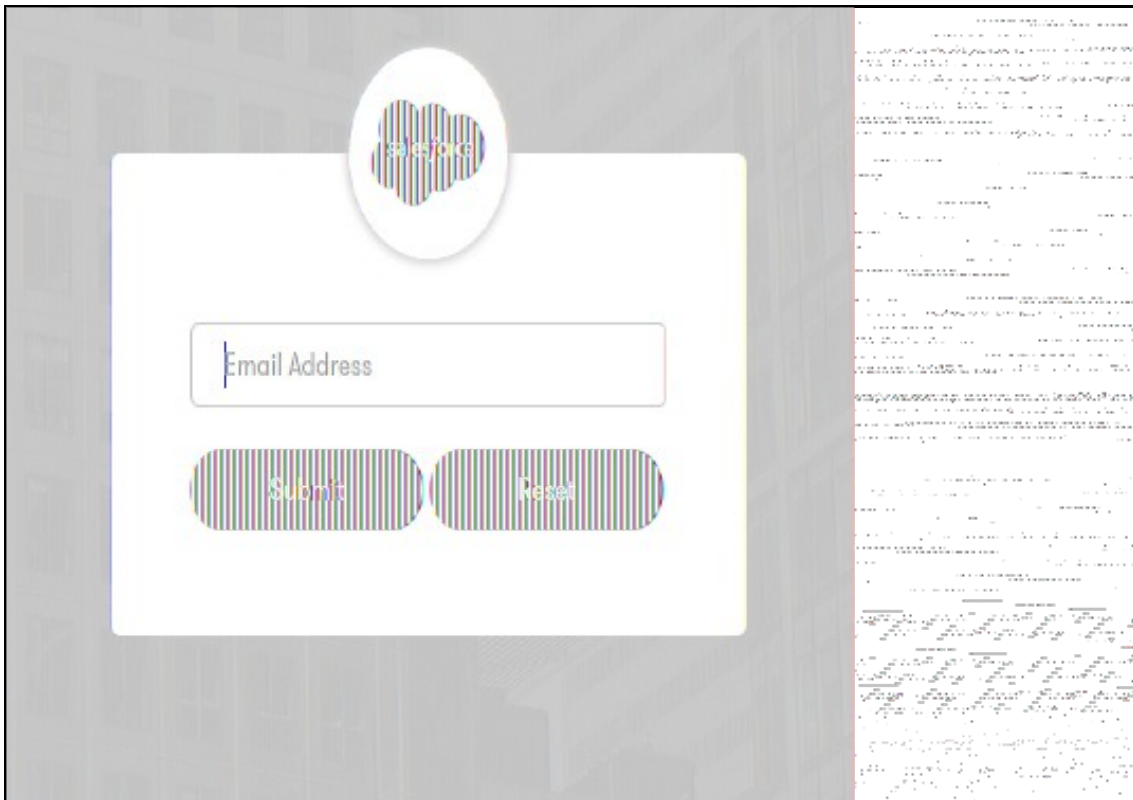
[Cancelled]

| ^G Get Help | ^O WriteOut | ^R Read File | ^Y Prev Page | ^K Cut Text | ^C Cur Pos |
| ^X Exit | ^J Justify | ^W Where Is | ^V Next Page | ^U UnCut Text | ^T To Spell |

Save the file. To apply the changes you have made to the properties file, restart Tomcat from the main menu of the CMI.

Before:

After:

Apply the changes

To apply the changes you have made to the properties file, restart Tomcat from the main menu of the CMI. Remember, if you have a HA Pair installation with Primary and Standby machines, you will need to modify (and backup) this file on both machines. Note: These changes are not upgrade safe.

Troubleshooting

Q. After updating the appliance my modifications have been lost!

A. These changes are not upgrade safe, you must backup your modifications and be prepared to re-apply them one attribute at a time. Do not replace the file after upgrade, in case there are additional attributes added to the application after an update.