stryker

Vocera Ascom Adapter Configuration Guide

Version 1.9.0

Notice

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ADP-ascom-190-Docs build 104

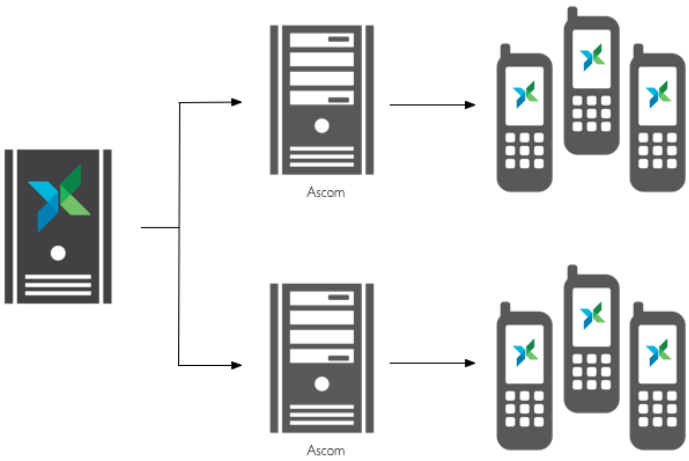
Contents

Understanding a Vocera Ascom Adapter Configuration

Configure a Vocera Ascom Adapter to enable communication with Vocera Platform.

Adapters send information to and receive information from the Vocera Platform, as well as monitor and collect data. Each adapter is configured to allow the Vocera Platform to communicate with a specific type of resource and any devices that resource may control

For example, the Vocera Ascom Adapter is used by customers to send messages to Ascom phones.



Viewing the Vocera Ascom Adapter Requirements

The minimum requirements for a Vocera Ascom Adapter installation are described here.

System

The Vocera Ascom Adapter is designed for the Ascom Unite Connectivity Manager (UCM) version 3.00-A. This integration supports Ascom d62, i62, and i75 phones.

The Vocera Platform supports Version 4 of Ascom's Open Access Protocol (OAP).

Warning: The Vocera Ascom Adapter contains known issues when used in conjunction with Ascom Unite Connectivity Manager (UCM) version 4.04-B.

Ports

Port **1322/tcp** is the inbound port on the Ascom Unite Connectivity Manager to which the Vocera Platform sends the outbound OAP messages.

Ports **5000-5004/tcp** are the default incoming ports used by the Vocera Platform to receive responses from interactive messages from the UCM. Up to five Ascom UCM can be configured; port 5000 is used first by default, but any unused port can be assigned.

Warning: Do NOT use the following ports for an adapter configuration: 22, 8888, 8443, 1099, 52517, 3700, 3820, 3920, 4848, 7676, 8080, 8181, 8686, 13579, 36123, 41776, 52071, 5432, 80, 443, 25

Lines and Devices

One device is required per line that is registered with the Vocera Platform. The Vocera Platform will send messages to one device using a unique line. Multiple devices cannot receive messages from the same line.

Datasets

An adapter defines a default Dataset structure in order to function. Attributes are organized by Datasets and store the information required by the adapter. Adapters use this data during the process of receiving and sending messages.

Not all adapters require Datasets to function. When an adapter does require Datasets, the system will determine if they already exist. If they do not exist, the system will create the needed Datasets.

When creating or editing an adapter, use the following information to select the appropriate datasets in the Required Datasets section.

- The ASCOMMESSAGES Dataset details of every core object triggered by the Ascom interface.
- The DEVICES Dataset stores all details of every device registered with Engage. Each device to which Engage can send a message must be listed in this dataset.
- The LINES Dataset stores each telephone line reported by a device when it is registered.
- The USERS Dataset stores all Engage users.

ASCOMMESSAGES Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	delivery_objec	N/A	True	N/A	N/A	Integer	Attribute that stores the delivery object id generated when the rule originally triggered.
Attribute	core_object_id	N/A	False	N/A	True	Integer	Attribute that stores the core object id of the record that originally triggered the rule.
Attribute	line_number	N/A	False	N/A	True	String	Attribute that stores the line number of the recipient for the delivery.

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	rule_template	N/A	False	N/A	True	Integer	Attribute that stores the id of the rule template that was triggered.

DEVICES Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	name	N/A	True	N/A	N/A	String	Attribute that stores the name that identifies the device, often based upon the MAC address of the device.
Attribute	status	N/A	False	N/A	True	String	Attribute that stores the current registration status of the device. Possible values are Registered, Disconnected, Virtual, or Unregistered.
Attribute	vendor	N/A	False	N/A	True	String	Attribute that stores the vendor of the device. For example, Cisco or XMPP.
Attribute	ip_address	N/A	False	N/A	False	String	Attribute that stores the current IP address of the device. In some cases Engage needs to keep track of the IP address of a device, such as with a Cisco phone.

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	priority	N/A	False	N/A	False	String	Attribute that stores the priority level of the most recent message sent to a device. Required by the device management library, but not set by the XMPP adapter. It is used as a filter to prevent less important messages from being sent to a user currently handling a critical issue.
Attribute	token	N/A	False	N/A	False	String	Attribute that stores a special identifier needed by some devices, such as smart phones, in order to deliver a message.
Link	lines	devices	False	False	N/A	One-to-many	The DEVICES Dataset is linked to the LINES Dataset, and the link order is 1:n (one device associated to many lines)

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Link	usr	devices	False	False	N/A	Many-to-one	The DEVICES Dataset is linked to the USERS Dataset, and the link order is n:1 (many devices associated to one user)

LINES Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	number	N/A	True	N/A	N/A	String	Attribute that stores an actual telephone or directory number
Link	devices	lines	False	False	N/A	Many-to-one	The LINES Dataset is linked to the DEVICES Dataset, and the link order is n:1 (many lines associated to one device)

USERS Dataset

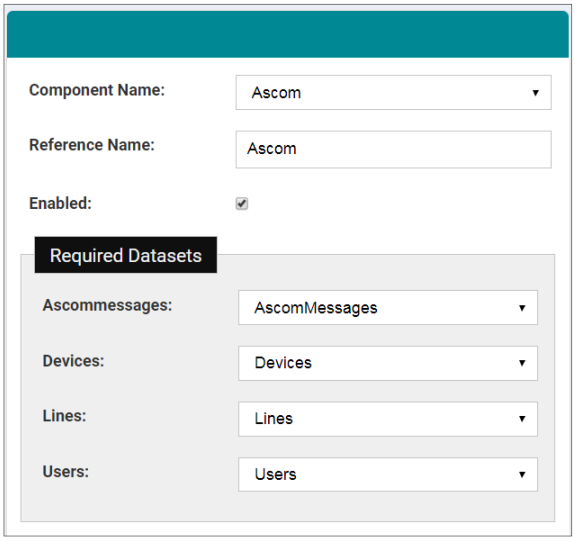
Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	login	N/A	True	N/A	N/A	String	Attribute that stores the login name of the user.
Link	devices	usr	False	False	N/A	One-to-many	The USERS Dataset is linked to the DEVICES Dataset, and the link order is 1:n (one user associated to many devices)

Configuring a Vocera Ascom Adapter

These settings enable direct communication between the Vocera Ascom Adapter and the Vocera Platform.

Select an empty field and begin typing, or select an existing value and type over it. To keep an existing value, do not edit that field.

1. Access the Vocera Platform Web Console and navigate to the adapters.
   See Navigating the Vocera Platform Adapters on page 23 for instructions.
2. Select **New Adapter** in the Action menu, or select an adapter you wish to configure and then select **Edit**, to display the configuration fields. The configuration fields are the same for new and existing adapters.
3. Navigate to the New Adapter option, or navigate to an existing adapter to edit. See Creating a New Adapter on page 26 and Editing an Adapter on page 25 for instruction as needed.
   The configuration fields are the same for new and existing adapters.
4. Complete the configuration fields as described in the table.

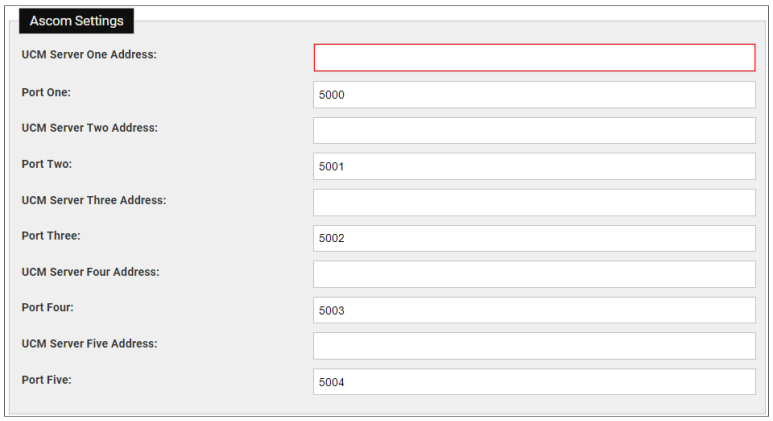


Configuration Field	Description
Component Name	Click the Component Name field to display a list of the systems and devices that the Vocera Platform currently supports. Select the name of the adapter to create.
Reference Name	Enter a short descriptive name in the Reference Name field to uniquely identify an adapter instance. It may demonstrate the adapter function or other information; for example, Production adapter may differentiate a live adapter from a development or "sandbox" adapter.

Configuration Field	Description
Enabled	Select the Enabled checkbox to allow the Vocera Platform to use the new adapter. The Vocera Platform ignores the adapter if this option is disabled. Once an adapter is created, edit this checkbox to activate or deactivate an adapter in the system. **Warning:** Only one Vocera Ascom Adapter configuration can be active at a time.
Required Datasets	If more than one dataset exists that meets the adapter's requirements, select the appropriate datasets for the new adapter to function correctly. The system searches for the datasets that meet the adapters requirements. If the datasets already exist, the system will use them. If the datasets do not exist, the system will create them automatically. Select Create in the drop-down menu to create a new dataset to meet the organization's requirements.

5. Complete the **ASCOM Settings** fields as described in the table.

Note: Only one OAP address is required for the adapter to function. However, if multiple servers are in use, enter all of the server IP addresses and ports (up to five).



ASCOM Settings	Description
OAP Address	The Open Access Protocol (OAP) address is the Internet Protocol (IP) address of the (UCM) server. Complete the fields in this ASCOM Settings section to provide the Vocera Platform with the information it needs to communicate with the appropriate server. Enter the OAP address for the intended Ascom UCM server.

6. Select one of the available options to exit the adapter configuration page. See Saving an Adapter on page 27 for details.
7. Continue with Unite Connectivity Manager (UCM) configuration; see the Configuring Ascom Unite Connectivity Manager on page 17 content.

Working with an Ascom Phonebook

Create or upload an Ascom phonebook to use with Vocera Platform.

You can download a Comma Separated Values (CSV) file of phone numbers from the Ascom Unite Connectivity Manager, and then upload those numbers to Vocera Platform for Vocera Platform Web Console access. If you are not using the Ascom Unite Connectivity Manager, you can create a CSV file of phone numbers to upload.

For Vocera Platform to access an uploaded phonebook, the Vocera Ascom Adapter must be configured with the information required to communicate with the Ascom Unite Connectivity Manager, and the **Enabled** checkbox must be selected.

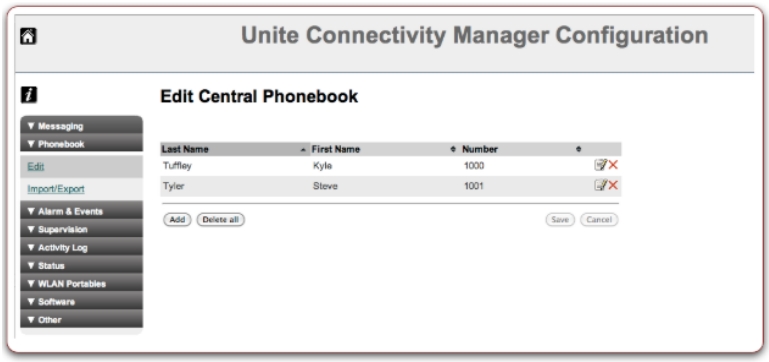
The Vocera Ascom Adapter must be running in order to upload the phonebook. If the adapter status is not **Enabled** on the Adapter Services page, the phonebook upload to Vocera Platform will fail and an error message will display.

To successfully access the Ascom phonebook on the Vocera Platform, download a phonebook from the Ascom system, enable the adapter on Vocera Platform, and then upload the Ascom phonebook to the Vocera Platform as described in this document.

Download a Phonebook from Ascom

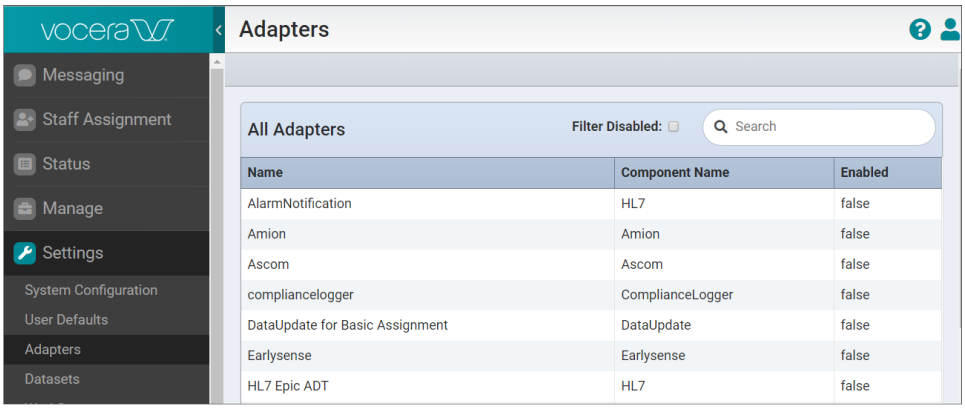
This step describes accessing the Ascom phonebook. Alternatively, you can create a phonebook as a CSV file to upload for Vocera access. See Create a New Ascom Phonebook on page 12 in this document.

1. Select **Configuration** in the Unite Connectivity Manager. See Configuring Ascom Unite Connectivity Manager on page 17 for access information.
2. Expand **Phonebook** in the left hand menu.
3. Select **Import/Export**.
4. Select **Export** to download the phonebook as a phonebook.csv file to a designated location.



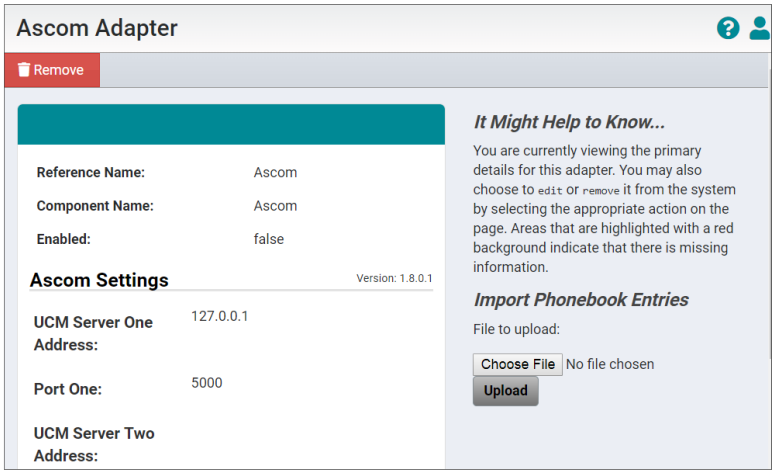
Verify the Ascom Adapter is Active in Vocera Platform

1. In Vocera Platform Web Console, select **System** >**Services** >**Adapters** as shown in Navigating the Vocera Platform Adapters on page 23.
2. Verify the Ascom adapter status is **Active** in the Adapter Services page.

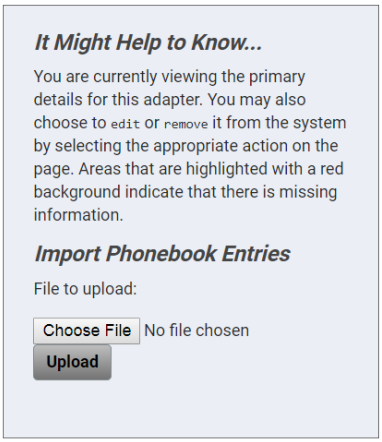


Upload the Phonebook to Vocera Platform

1. In Vocera Platform Web Console, select **Adapters** >**Ascom adapter** the Adapters tab, and choose the adapter name to display its details page.



2. Select **Choose File** in Import Phonebook Entries.



3. Navigate to the download location where you saved the Ascom CSV file.
4. Select **Upload** to save the phonebook.

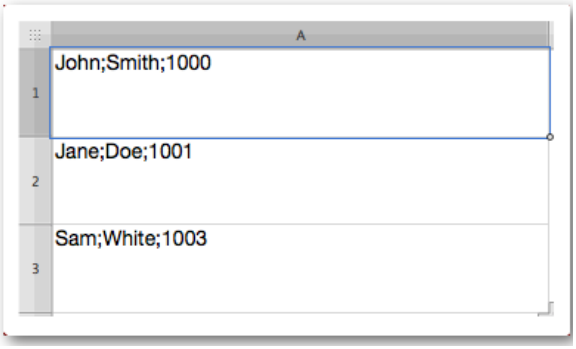
Create a New Ascom Phonebook

If the Ascom Unite Connectivity Manager phonebook feature is not being used, a manually created file can be used to upload the needed phonebook details.

Create a CSV file of phone numbers. Use the specifications in the following list to create an acceptable upload file.

- Fields must be separated by semicolon, not comma separated.
- First and last names are not required, but the fields must be in the following order: first name, last name, phone number (or: blank;blank;phone number).
- Do not include a header row.
- Save the new file using the .csv file extension.

1. Verify the CSV file displays as shown in this example.



2. Continue with additional integration steps as needed.

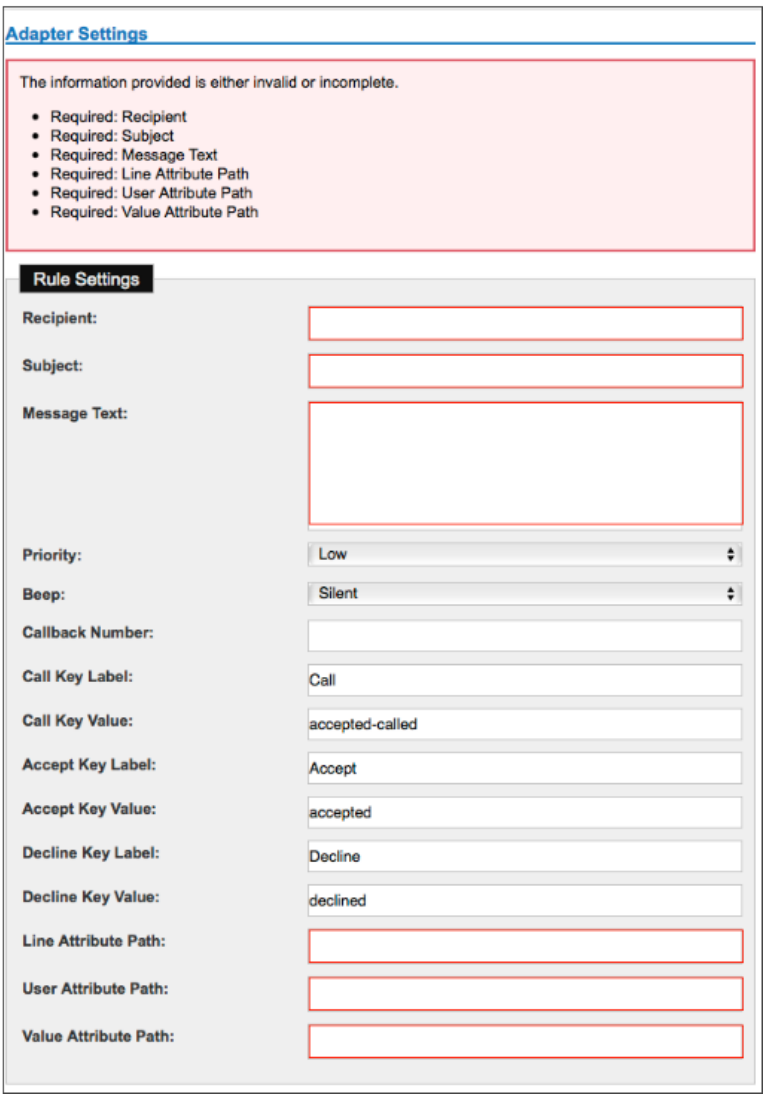
Understanding the Vocera Ascom Adapter Rules

Dataset rules can be configured to trigger the Vocera Ascom Adapter to send messages to a wireless handset.

See the Vocera Platform Dataset Guide for information about working with rules. See Configuring a Vocera Ascom Adapter on page 9 for information about the adapter settings.

A rule can trigger the Vocera Ascom Adapter to send messages to a wireless handset. The rule configuration needed to implement this action defines the parameters used in formulating the message, to whom it should be sent, and what to do with the response.

In the Adapter Settings, configure the Rule Settings fields to manage message delivery.



Setting	Description
Recipient	The recipient of the Ascom message. The phone number(s) to where the message will be delivered. This value can be hard-coded or can be an attribute expression in the form of #{...}. If hard-coded, the value can be a single phone number, or multiple phone numbers that are comma-separated. An attribute expression is evaluated in relation to the dataset object that caused the rule to be triggered. **This is a required field**.
Subject	The subject of the message to be delivered. This value can be hard-coded or can be an attribute expression in the form of #{...}. An attribute expression is evaluated in relation to the dataset object that caused the rule to be triggered. The length can be 150 characters max. **This is a required field**.
Message Text	The body of the message to be delivered to the Ascom phone. This value can be hard-coded or can be an attribute expression in the form of #{...}. An attribute expression is evaluated in relation to the dataset object that caused the rule to be triggered. The length can be a 500 characters max. **This is a required field**.

Setting	Description
Priority	The severity level of the message. Tracked by the device object so that rules can filter out lower severity level messages. Options are "High", "Normal", and "Low".
Beep	The number of beeps the device will sound. Options are "Silent", "1 beep", "2 beeps", "3 beeps", "4 beeps", "5 beeps", "10 beeps" and "Siren". **This is a required field**.
Callback Number	The phone number to call back. This value can be hard-coded or can be an attribute expression in the form of #{...}. An attribute expression is evaluated in relation to the dataset object that caused the rule to be triggered. Normally, the phone number belongs to the object that triggered the rule.
Call Key Label	The label for the soft key to be associated with the callback function. The label should not be longer than 6 characters. The default value is 'Call'. **This is a required field if either the Callback Number or Call Key Value are provided**.
Call Key Value	The value to respond with when the call key has been selected. The default value is 'accepted-called'. **This is a required field if either the Callback Number or Call Key Label are provided**.
Accept Key Label	The label for the soft key to be associated with the accept function. The label should not be longer than 6 characters. The default value is 'Accept'. **This is a required field if the Accept Key Value is provided**.
Accept Key Value	The value to respond with when the accept key has been selected. The default value is 'accepted'. **This is a required field if the Accept Key Label is provided.**
Decline Key Label	The label for the soft key to be associated with the decline function. The label should not be longer than 6 characters. The default value is 'Decline'. **This is a required field if the Decline Key Value is provided.**
Decline Key Value	The value to respond with when the decline key has been selected. The default value is 'declined'. **This is a required field if the Decline Key Label is provided.**
Line Attribute Path	The path to the attribute where the responding devices' directory number will be stored. **This field is required if any Key Value is provided.**
User Attribute Path	The path to the attribute where the user associated with the responding device will be stored. **This field is required if any Key Value is provided.**
Value Attribute Path	The path to the attribute where the response will be stored. **This field is required if any Key Value is provided.**

Configuring Ascom Unite Connectivity Manager

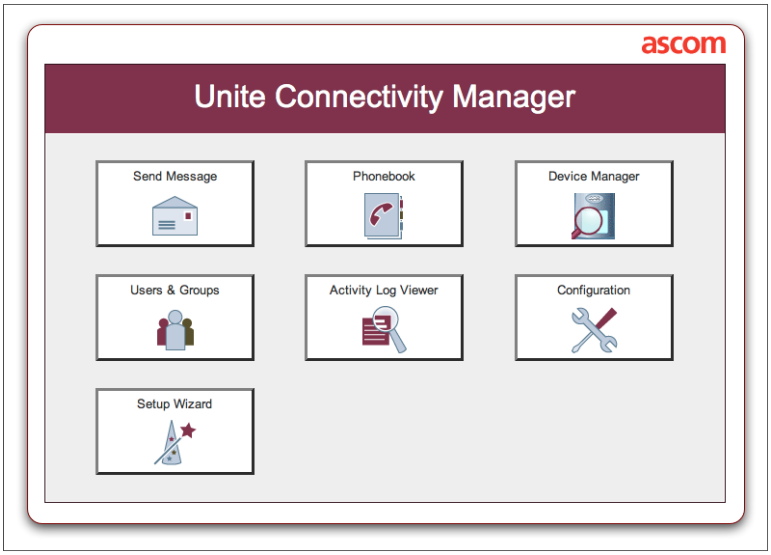
Verify that handsets, users, and groups are available in the Ascom system for use with the Vocera Platform.

Login to the Ascom System

Access the Ascom Unite Connectivity Manager.
When an Ascom system is installed for the first time, or does not have the Ascom WLAN Messaging interface configured, the steps described in this section must be completed. (If an Ascom system has already been set up to support Ascom's native WLAN messaging, no additional configuration is needed to support integration with Vocera Platform.)

These steps assume that Ascom handsets have already been added to the Unite Connectivity Manager using the Ascom Device Manager (PDM). If handsets have not been enabled for use with the Unite Connectivity Manager, refer to the User Manual: Device Manager in Unite Connectivity Manager (document TD 92855EN) available for download from the Unite Connectivity Manager Configuration main page.

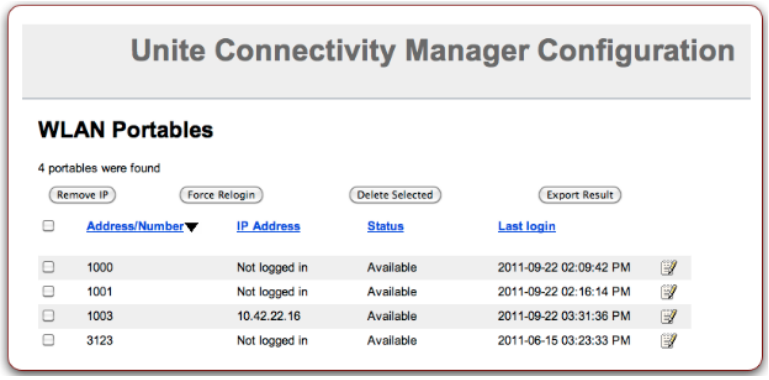
1. Navigate to the **Unite Connectivity Manager** in a web browser.
2. Log in with Administrator access.



Verify the Handsets

Verify that the Unite Connectivity Manager is aware of all handsets that will be used with Vocera Platform. Access the complete list of Ascom handsets as follows.

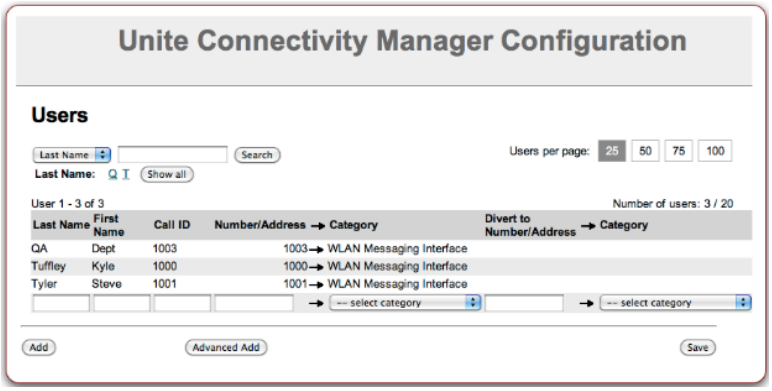
1. Select **Configuration**.
2. Expand **WLAN Portables** from the left hand menu.
3. Select **List All**.
4. Verify all handsets listed under WLAN Portables by **Number** and **IP Address**, as shown below. Any handset that should be available to Vocera Platform and is not listed under WLAN Portables must be added in the Ascom Device Manager (PDM).



Verify the Users

Ensure that all required users are listed with their associated handset number in the Unite Connectivity Manager.

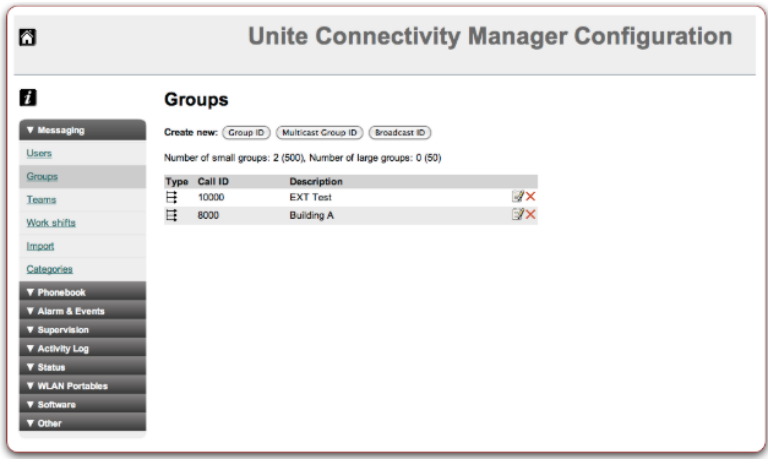
1. Select **Configuration** in the Unite Connectivity Manager window.
2. Expand **Messaging** from the left hand menu.
3. Select **Users**.
4. Verify that users are associated with the correct handset number in the "WLAN Messaging Interface Category" as shown below.



Verify the Groups

Ensure all groups are listed with their associated Call ID number, as shown below.
Any group of Ascom phones which Vocera Platform will send messages to must be set up as a group in UCM. To send to a group of Ascom phones, configure a rule to send to the group's Call ID.

1. Select **Configuration** in the Unite Connectivity Manager.
2. Expand **Messaging** in the left hand menu.
3. Select **Groups**.


Unite Connectivity Manager Configuration
Groups
Messaging
Users
Groups
Teams
Work shifts
Import
Categories
Phonebook
Alarm & Events
Supervision
Activity Log
Status
WLAN Portables
Software
Other
Create new: Group ID Multicast Group ID Broadcast ID
Number of small groups: 2 (500), Number of large groups: 0 (50)
Type Call ID Description
10000 EXT Test
8000 Building A

Understanding Adapter Installation

Adapters are installed on the Vocera Platform in a solution package, or individually as needed by the customer.

The Vocera Platform uses adapters to integrate with external systems and devices. Each adapter is configured by the user to include information that will allow the Vocera Platform to communicate and interact with a specific type of resource and, depending on the adapter, devices that resource may control. Adapters can allow the Vocera Platform to monitor and collect data, as well as send data out, when triggered manually or automatically.

When implementing Vocera Platform at a customer site, use this document to install an adapter that is not supplied in the Gold Image. Otherwise, you will install a needed adapter when instructed in the solution package installation process described in the Vocera Platform Installation Guide.

Recreating a Repository

In the event that the repository reference file has been compromised, you can re-create the platform repository.

This information should be specified on the related adapter's Release Information page in the wiki. See **Releases** and navigate to the needed adapter.

1. Verify that the adapter resides in a repository which is in '**/etc/yum.repos.d/**'.
2. If the **repolist** or **yum** commands fail, verify that the file exists and try again. For example, use the following code to verify the repository exists on the Vocera Platform appliance:

```
[tpx-admin@engage log]$ cat /etc/yum.repos.d/vocera.repo
```

3. Verify the output appears as shown.

```
#------------------------------------------------------------------------------------------
# NOTICE: Only use the General Availability (platform-6.X-ga) repository for customer
 deployments.
# Use of Controlled Release (platform-6.X-cr) or Software Quality Assurance
 (platform-6.X-sqa) in
# accordance to process QOP-75-01 Production Work Order and History Record, contact
 your
# manager for questions.
#------------------------------------------------------------------------------------------
[Platform-6.0]
name=Platform-6.0
baseurl=https://box.voceracommunications.com/Platform-6.0-GA
enabled=1
gpgcheck=0
```

Installing an Adapter

Install or uninstall a Vocera Platform adapter at a customer site on a Vocera system for a customer.

Execute the following steps using the system's command prompt.

1. Verify that the adapter resides in a repository which is in '**/etc/yum.repos.d/**'.
2. Run the following commands:

```
sudo yum clean all
sudo yum check-updates
```

3. Verify that the rpm package to be installed is available using the following command:

```
sudo yum list available | grep extension
```

4. Install the adapter by specifying its rpm package name in place of <package-name> in the code below. (This information should be specified on the related Release Information page in the wiki; see **Release Notes**.)

```
sudo yum install <package-name>
```

5. Uninstall an adapter by specifying its rpm package name in place of <package-name> in the code below. (This information should be specified on the related Release Notes page; see **Release Notes**.)

```
sudo yum remove <package name>
```

Practicing an Adapter Installation

Replicate these steps using the needed adapter package, in order to install adapters other than the example given here.

1. Verify the repo file contains the repos up to and including the release of interest.

```
[tpx-admin@engage log]$ cat /etc/yum.repos.d/vocera.repo
#-------------------------------------------------------------------------------------------
# NOTICE: Only use the General Availability (platform-6.X-ga) repository for customer
 deployments.
# Use of Controlled Release (platform-6.X-cr) or Software Quality Assurance
 (platform-6.X-sqa) in
# accordance to process QOP-75-01 Production Work Order and History Record, contact
 your
# manager for questions.
#-------------------------------------------------------------------------------------------
[Platform-6.0]
name=Platform-6.0
baseurl=https://box.voceracommunications.com/Platform-6.0-GA
enabled=1
gpgcheck=0
```

2. Execute the following commands:

```
[tpx-admin@engage log] $ sudo yum check-updates
Loaded plugins: langpacks, product-id, subscription-manager
This system is not registered to Red Hat Subscription Management. You can use
 subscription-manager to register.
Quartz
                                                    | 3.6 kB  00:00:00
(1/2): Quartz/group_gz
                                                    |  483 B  00:00:00
(2/2): Quartz/primary_db
                                                    |  29 kB  00:00:00
```

3. Verify the package is available, using the following command:

```
[tpx-admin@engage log] $ sudo yum list available | grep extension
  extension-navicare-interface.x86_64                1.3.6-0          Platform 5.0
```

4. Install the needed adapter; in this example, install the Navicare adapter:

```
[tpx-admin@engage log] $ sudo yum install extension-navicare-interface
Loaded plugins: langpacks, product-id, subscription-manager
This system is not registered to Red Hat Subscription Management. You can use
 subscription-manager to register.
Resolving Dependencies
--> Running transaction check
---> Package extension-navicare-interface.x86_64 0:1.3.6-0 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================
 Package                                    Arch
 Version                          Repository                      Size
================================================================================
Installing:
 extension-navicare-interface               x86_64
 1.3.3-0                          Quartz                          59 k

Transaction Summary
================================================================================
Install  1 Package

Total download size: 59 k
Installed size: 62 k
Is this ok [y/d/N]: y
Downloading packages:
extension-navicare-interface-1.3.6-0.x86_64.rpm
                                           |  59 kB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : extension-navicare-interface-1.3.6-0.x86_64
                                                                  1/1
  Verifying  : extension-navicare-interface-1.3.6-0.x86_64
                                                                  1/1


Installed:
  extension-navicare-interface.x86_64 0:1.3.6-0


  Complete!
```

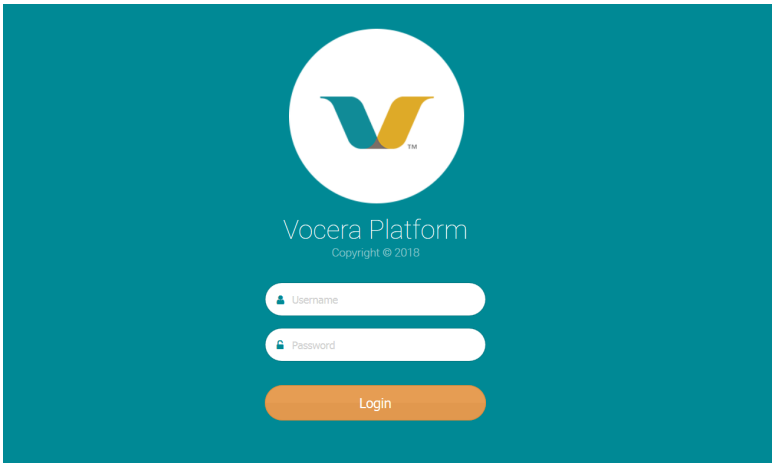
5. This completes the steps to install an adapter.

Navigating the Vocera Platform Adapters

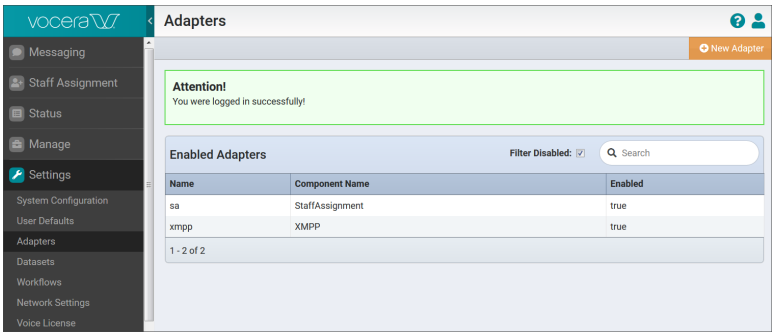
Access the Adapters tab and use the filter or search tools to display a specific adapter.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

1. Access the Vocera Platform Web Console and sign in with your system credentials.



2. Select **Settings > Adapters** in the navigation menu.



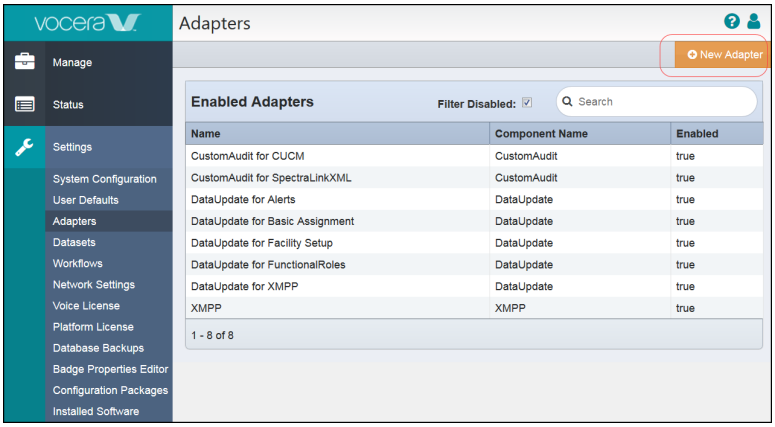
   The **Adapters** page displays.

3. Select an adapter to work with from the list displayed in the grid, or select the New Adapter Action option to create a new adapter.

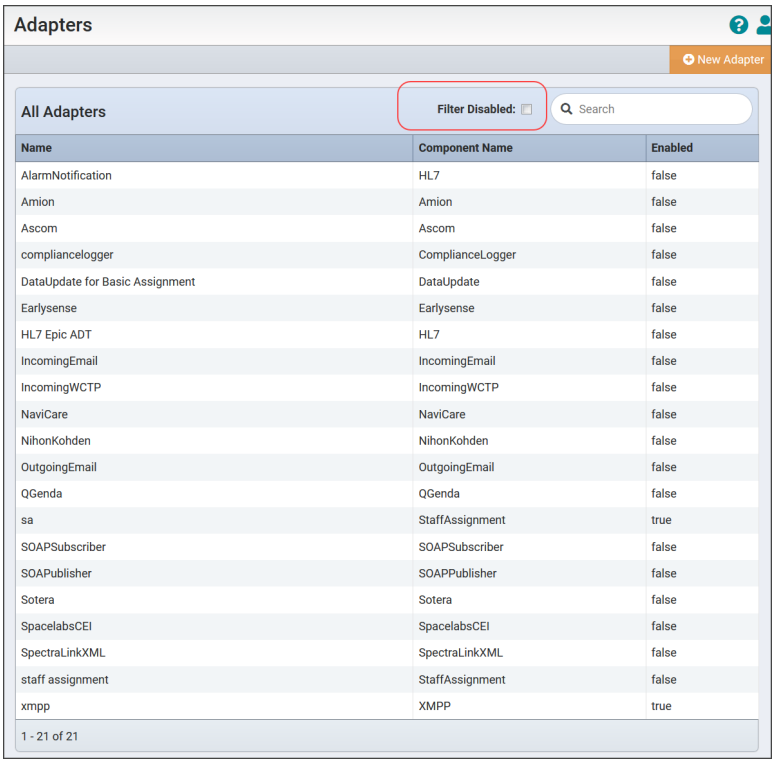
   On the **Adapters** page you can identify adapters by their name or component name. The Enabled column (displaying a true or false status) indicates whether the adapter is active on the system, or disabled.

   The bottom row of the grid reports the number of adapters displayed, of the available adapters.

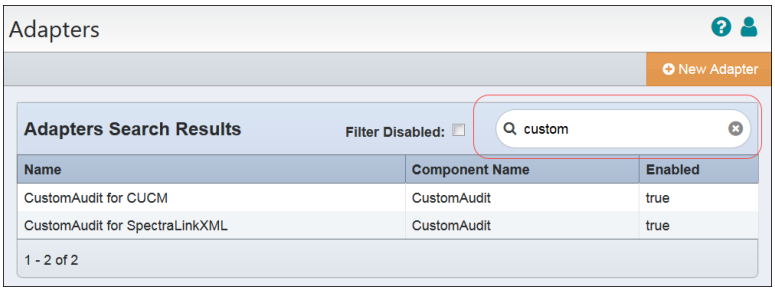
   The Filter Disabled box is checked by default, and displays only the enabled adapters that are configured on the Vocera Platform.



4. Uncheck the **Filter Disabled** box to display all the adapters that have been installed, including those that are not currently enabled. The column title now displays **All Adapters**.
   The Filter Disabled box is checked by default.



5. Enter a term in the **Search** field to locate a needed adapter on the system.
   The search field is identified by a text field with a magnifying glass icon. The search is performed on the Name and Component Name columns.
   When results are returned, the column header displays **Adapters Search Results** and an **x** icon allows you to clear the search field.

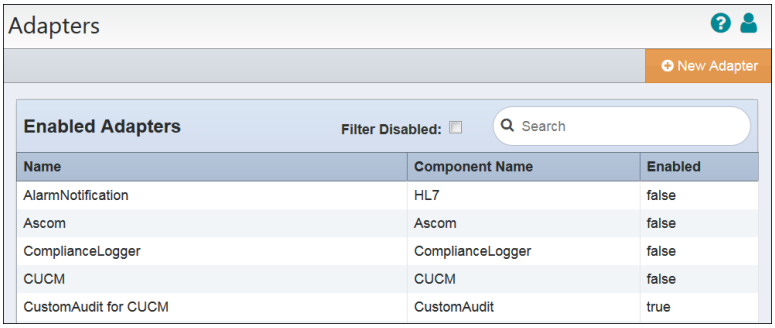


Editing an Adapter

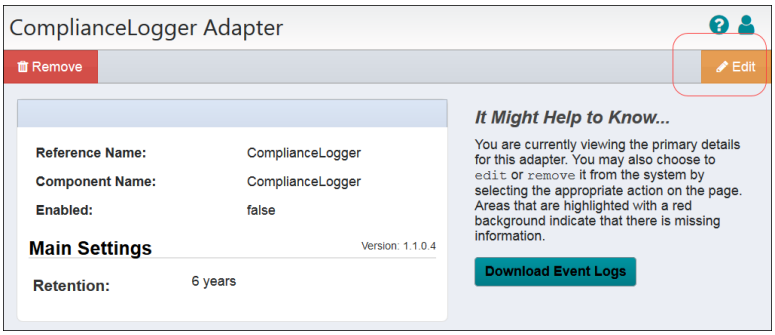
Edit an adapter that has been installed on the Vocera Platform.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

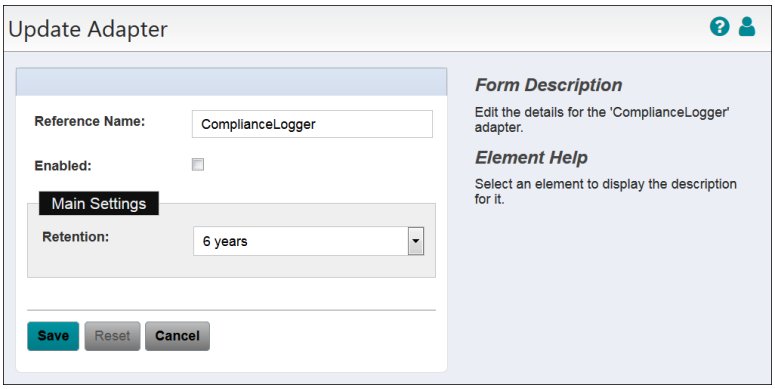
1. Access the Vocera Platform Web Console and navigate to the adapters.
   See Navigating the Vocera Platform Adapters on page 23 for instructions.
2. Select the adapter to edit in the **Adapters** list.



3. Select **Edit** in the adapter's menu.



   The **Update Adapter** page for the adapter displays.
4. Edit the adapter's settings to revise the configuration as needed. See the adapter-specific configuration page for details on working with settings for this adapter.
   Select an empty field and begin typing, or select an existing value and type over it. To keep an existing value, do not edit that field.



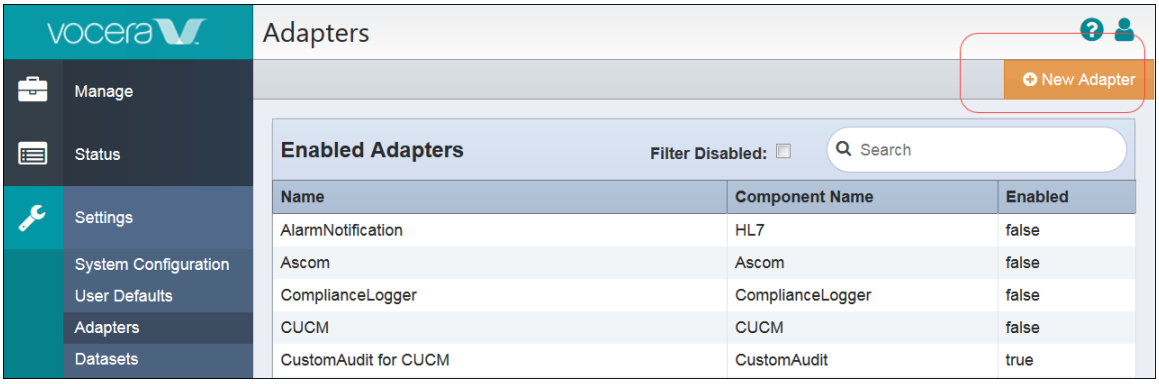
5. Select one of the options to exit the **Update Adapter** page. See Saving an Adapter on page 27 for details.

Creating a New Adapter

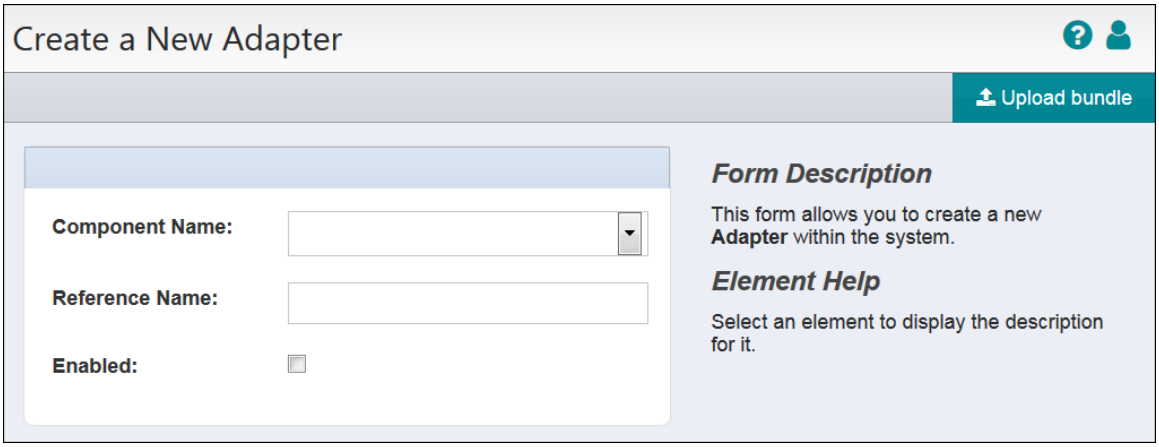
Access the Vocera Platform Web Console to work with adapters, or create a new adapter when prompted in the package import process.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

1. Access the Vocera Platform Web Console and navigate to the adapters.
   See Navigating the Vocera Platform Adapters on page 23 for instructions.
2. Select **New Adapter** in the Action menu on the Adapters page.

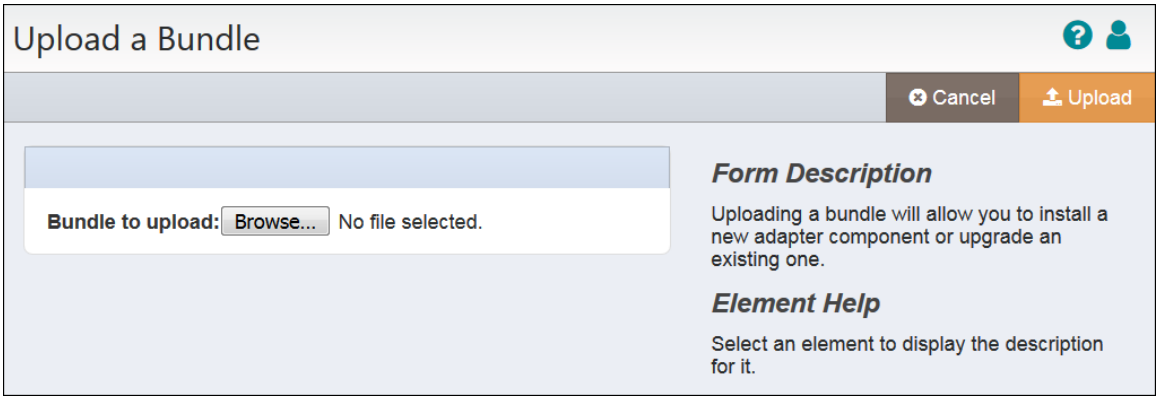


   The **Create a New Adapter** dialog displays.
3. Complete the configuration fields.



Name	Description
Component Name *	Select the Component Name field dropdown arrow to display a list of the systems and devices that Vocera currently supports. Select the name of the adapter to create.
Reference Name	Enter a short descriptive name in the Reference Name field to uniquely identify an adapter instance. It may demonstrate the adapter function or other information; for example, Production adapter may differentiate a live adapter from a development or "sandbox" adapter.
Enabled	Select the Enabled check box to allow Vocera Platform to use the new adapter. Vocera ignores the adapter if this option is disabled.

4. Select **Upload Bundle** in the Action menu to install a package on a Vocera Platform.
   Use the Upload Bundle feature to install when the adapter is not available in the Component Name dropdown list, and you have downloaded the needed adapter bundle to a storage location.
5. Click on **Browse** to navigate to the bundle to install.



6. Select one of the Action options to exit from the Upload a Bundle dialog.
   - **Upload**: Upload the selected bundle to the appliance.
   - **Cancel**: Close the Upload a Bundle dialog without making a change to the system.

Saving an Adapter

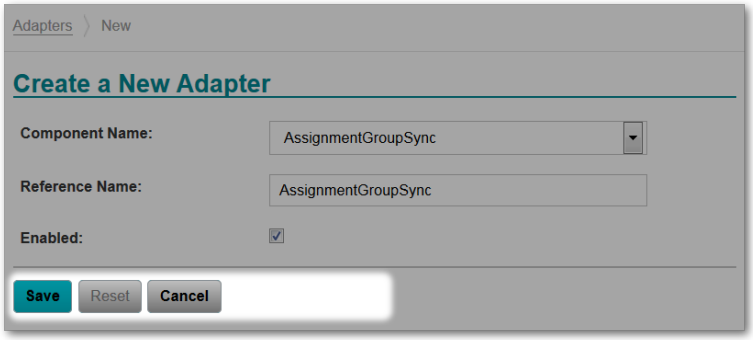
Close an adapter configuration dialog using the Save, Reset, or Cancel options.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

When creating a new adapter, the options at the bottom of the adapter configuration page are Save, and Cancel.

When editing an existing adapter, the options are Save, Reset, and Cancel.

Choose an option to close the dialog:



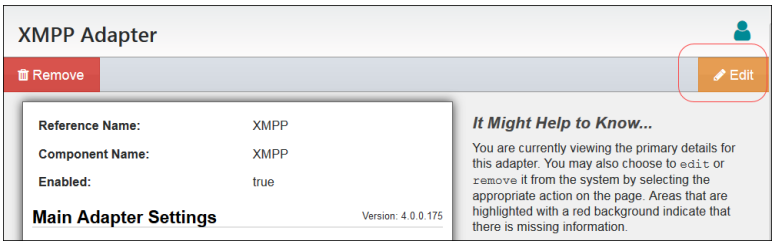
Option	Description
Save	Select Save to store the adapter configuration in the system, when the fields are set to desired specifications.
Cancel	Select Cancel to close the configuration window without saving your changes to the system.
Reset	Select Reset to clear all fields without closing the window, in order to select other specifications for the adapter's settings.

Deactivating an Adapter

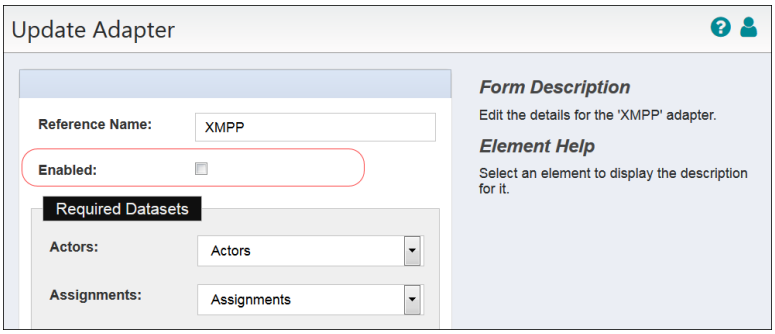
Temporarily deactivate an adapter to avoid unintentional use of it in an implementation.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

1. Access the Vocera Platform Web Console and navigate to the adapter to deactivate.
   See Navigating the Vocera Platform Adapters on page 23 for instructions.
2. Select **Edit** in the Actions menu to access the Update page for the adapter.



3. Un-check the **Enabled** box to temporarily deactivate the adapter.
   When deactivated, the Vocera system will ignore the adapter. You can easily enable or disable the adapter at any time.



4. Select one of the options to exit the **Update Adapter** page. See Saving an Adapter on page 27 for details.

Removing an Adapter

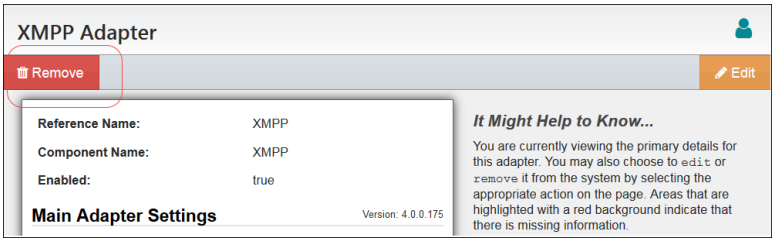
Permanently remove an adapter from the Vocera system.

This page is used by all the adapter guides, and therefore, the adapter used as an example here may not be the adapter that you are working with currently.

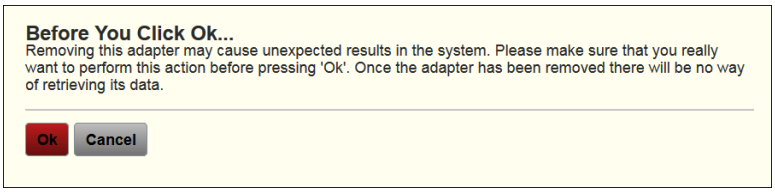
Use the remove function to permanently delete the adapter from the system. Alternatively, you can disable an adapter and the Vocera system will ignore it.

Warning: Remove cannot be undone. If any system features use this adapter, removing the adapter prevents the features from functioning.

1. Access the Vocera Platform Web Console and navigate to the adapter to remove.
   See Navigating the Vocera Platform Adapters on page 23 for instructions.
2. Select **Remove** in the Actions menu to permanently delete the adapter.



3. Click **Ok** in the confirmation window.



- **Ok**: Confirm the choice to remove the adapter from the system.
- **Cancel**: Return to the adapter page without making a change.

4. Confirm that the adapter no longer displays in the Adapters list view, when a success message displays.