Vocera Eventing Adapter Configuration Guide

Version 1.0.0

Notice

Contents

Understanding a Vocera Eventing Adapter Configuration

Configure a Vocera Eventing 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.

The Vocera Eventing Adapter, unlike most other adapters that rely on an Accept or Decline binary response, has the unique ability to process events and store responses dynamically. These responses can be used later on in rules to send messages with response options.

Viewing the Vocera Eventing Adapter Requirements

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

System

This adapter depends on Vocera Platform 5.5.4.

Ports

There are no port specifications for the Vocera Eventing Adapter

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 ALERT_META_DATA Dataset stores the Metadata for persisting additional Alert information.
- The EVENT_STATUS_ATTRIBUTE_PATHS Dataset stores the paths of attributes to build event status.
- The RESPONSE_OPTIONS Dataset stores a response option for sending and replying with custom responses.

ALERT_META_DATA Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	message_key	N/A	True	N/A	N/A	String	Attribute that stores the locally unique message key for the message.
Attribute	interface	N/A	False	N/A	False	String	Attribute that stores the reference name of the processing interface.

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	message_identifier	N/A	False	N/A	False	String	Attribute that stores the external identifier for the message.
Attribute	raw_message	N/A	False	N/A	False	String	Attribute that stores the raw message payload.
Attribute	sender_id	N/A	False	N/A	False	String	Attribute that stores the sender identifier.
Link	paths	alert_meta_data	False	False	N/A	Many-to-one	The ALERT_META_DATA Dataset is linked to the EVENT_STATUS_ATTRIBUTE Dataset, and the link order is n:1 (many alert_meta_datas associated to one event_status_attribute_path)

EVENT_STATUS_ATTRIBUTE_PATHS Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	activity_state_path	N/A	True	N/A	N/A	String	Attribute that stores the Attribute name where activity state is stored.
Attribute	escalation_path	N/A	True	N/A	N/A	String	Attribute that stores the Attribute name where escalation is stored.
Attribute	event_type_path	N/A	True	N/A	N/A	String	Attribute that stores the Attribute name where alert type is stored.
Attribute	link_for_responses	N/A	True	N/A	N/A	String	Attribute that stores the Link to Responses dataset where the responses information is stored.
Link	alert_meta_data	paths	False	False	N/A	One-to-many	The EVENT_STATUS_ATTRIBUTE Dataset is linked to the ALERT_META_DATA Dataset, and the link order is 1:n (one event_status_attribute_path associated to many alert_meta_datas)

RESPONSE_OPTIONS Dataset

Element	Name	Reverse Name	Key	Reverse Key	Required	Type	Description
Attribute	display_value	N/A	True	N/A	N/A	String	Attribute that stores a response value which may be used to display to the recipient.
Attribute	response_index	N/A	True	N/A	N/A	String	Attribute that stores the index of the response in the list of responses.
Attribute	response_value	N/A	True	N/A	N/A	String	Attribute that stores the response value to be sent back to the originating system.

Configuring a Vocera Eventing Adapter

These settings enable direct communication between the Vocera Eventing 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 16 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 18 and **Editing an Adapter** on page 18 for instruction as needed.
   The configuration fields are the same for new and existing adapters.

Adapters > New

Create a New Adapter

Component Name:	Eventing ▾
Reference Name:	
Enabled:	☐

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.
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.

5. Complete the Datasets Settings configuration fields as described in the table.

Required Datasets

Alert meta data:	Create... ▾
Name:	AlertMetaData
Event status attribute paths:	Create... ▾
Name:	EventStatusAttributePaths
Response options:	Create... ▾
Name:	ResponseOptions

Datasets Configuration Field	Description
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.

6. Complete the Main Settings configuration fields as described in the table.

General Settings Configuration Field	Description
Sender Patterns	A list of regular expressions to be matched to the sender for incoming messages. If none are specified, then this configuration will handle any message not handled by another active configuration.
Report Non-Matching Messages as Audit Events	Select this box to create an audit log event for messages that do not match message definition. This field is optional.
Method Type	Specify the type of message to retrieve the status of an Event.
Message Timeout	The amount of time, in minutes, that is expected to elapse between messages. The value must be a number between 1 and 10080. An Audit Event (610) will be generated if a message is not received when expected.

7. Complete the Message Types configuration fields as described in the table.


The Vocera Eventing Adapter message types include a regex mapping for the event data. Because of the nature of the response mechanism and the need to persist data across a failover, the Eventing interface must store additional information about alerts. This data will be persisted in a separate dataset, AlertMetaData, which is tied to the original alert by a locally unique identifier, referred to as the Message Key.

Response Options

Because an MCR message may contain multiple responses, the adapter must be able to store each response type and have a default Accept response and a default Decline response. Each MCR type may vary in response options between interface configurations and message types, so each message type should be configured with a Regex to match the correct Accept response and separate Regex to match the correct Decline response.
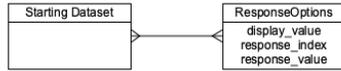
Implementation specialists may add, clone, remove, or modify message types as needed. If there are multiple message types configured, one or more can be deleted. Message types can be reordered by dragging and dropping each into the preferred order. See **Understanding Regular Expressions (Regex)** for more information on regular expressions.

Message Type Configuration Field	Description
Reference Name	Enter a descriptive name to identify the message type. This field is required.
Active	Select the Active checkbox to indicate whether or not the message type is active.
Discard Message	Select the **Discard Message** checkbox to disregard this type of message without processing it. Discarded message types may be created for the sole purpose of filtering them from the audit log.
Starting Dataset	Select a dataset from the dropdown box. The dataset selected should be where you want to save messages of this type.
Message Regex	Specify the regular expression (Regex) necessary to parse the body of the incoming message into the value expressions contained in the Regex Mapping field. Specify a Regex to capture values from the Message Data of a message received from an Eventing endpoint.
Message Mapping	Specify one or more attributes, or attribute paths, to be filled with data from the Message Regex. One attribute or attribute path per line. Two different types of patterns for the attribute mapping are supported: Plain Attribute and Statement of Equality. If using a Plain Attribute list, each item in the mapping is a simple attribute path. The first capture group of the matched regular expression is used as the value of the first attribute path in the list, and so on. The number of capture groups in the Regex must match the number of attribute paths in the list. The Syntax: dataset_link_attr_name.attr_name or dataset_attr_name. If using Statements of Equality, the left hand side is the attribute path, while the right-hand side is what the attribute path should be set to. The right-hand side should use numbered captured groups (e.g. $1) to reference elements matched, but may also include literal strings. Syntax: dataset_link_attr_name.attr_name=LITERAL, dataset_attribute_name=$1, or example_with_two_capture_groups=$2:$1
Message Key Path	Specify the location into which the "global identifier" will be stored so that responses and status updates can be sent.
Sender ID Path	Specify the optional location into which to store the Sender ID specified in the message.
Link for Response Options	The link to the Response options dataset where the matching response options will be stored.

8. Complete the Location configuration fields as described in the table.

Location

Store Location?: ☑

Location Regex: [   ]

Location Regex Mapping: [   ]

▾ **Advanced Configuration**

Escalation Key Path: state

Link for Responses: responses

Event Type Path: alert_type

Activity State Path: activity_state

[Clone]

Message Types Configuration Field	Description
Store Location	Select the checkbox to indicate that data should be stored in the specified location.
Location Regex	Specify a Regex to capture location values from the Place Data of a message received from an Eventing endpoint.
Location Regex Mapping	Specify one or more attributes, or attribute paths, to be filled with data from the Message Regex. One attribute or attribute path per line. Two different types of patterns for the attribute mapping are supported: Plain Attribute and Statement of Equality. If using a Plain Attribute list, each item in the mapping is a simple attribute path. The first capture group of the matched regular expression is used as the value of the first attribute path in the list, and so on. The number of capture groups in the Regex must match the number of attribute paths in the list. The Syntax: dataset_link_attr_name.attr_name or dataset_attr_name.
	If using Statements of Equality, the left hand side is the attribute path, while the right-hand side is what the attribute path should be set to. The right-hand side should use numbered captured groups (e.g. $1) to reference elements matched, but may also include literal strings. Syntax: dataset_link_attr_name.attr_name=LITERAL, dataset_attribute_name=$1, or example_with_two_capture_groups=$2:$1

Advanced Configuration is optional and available for any Implementation Engineers who wish to configure custom attribute paths. The table below explains the elements.

Advanced Configuration Field	Description
Escalation Key Path	Specify the location to store the escalation.
Link for Responses	Specify the link to the Responses dataset where the response action is stored.
Event Type Path	Specify the location to store the event type.
Activity State Path	Specify the location to store the activity state.

9. Select one of the available options to exit the adapter configuration page. See Saving an Adapter on page 20 for details.

Understanding the Vocera Eventing Adapter Rules

This adapter does not require dataset rule configuration.

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*.

Accessing Supported Adapters

Supported adapters that are not included in the solution Gold Image can be installed at a customer site.

Many Vocera Platform adapters are provided in the solution's Gold Image for installation during the customer implementation. Supported adapters that are not included in the solution Gold Image can be installed at a customer site using the instructions provided in the **Installing an Adapter** on page 14 document.

The following two tables describe the set of adapters in Vocera Platform versions 5.5 and 6.0. The first table lists the adapters provided in the Gold Image. The second table lists the optional adapters available for installation.

Adapters provided in the Gold Image

Adapter Name	Platform 5.5	Platform 6.0
ascom-interface	extension-ascom-interface-1.7.118-0.x86_64.rpm	extension-ascom-interface-1.8.0.1.x86_64.rpm
compliancelogger-interface	extension-compliance-logger-interface-1.0.103-0.x86_64.rpm	extension-compliance-logger-interface-1.1.0.7.x86_64.rpm
cucm-interface	extension-cucm-interface-2.5.0-0.x86_64.rpm	extension-cucm-interface-2.6.0.2.x86_64.rpm
data-export-interface	extension-data-export-interface-1.4.1-0.x86_64.rpm	extension-data-export-interface-1.5.0.3.x86_64.rpm
hill-rom-clinical-interface	extension-hill-rom-clinical-interface-2.0.8-0.x86_64.rpm	extension-hill-rom-clinical-interface-2.1.0.2.x86_64.rpm
hl7-interface	extension-hl7-interface-1.4.5-0.x86_64.rpm	extension-hl7-interface-1.5.0.2.x86_64.rpm
incoming-email-interface	extension-incoming-email-interface-1.15.101-0.x86_64.rpm	extension-incoming-email-interface-1.16.0.1.x86_64.rpm
ldap-interface	extension-ldap-interface-1.3.0-0.x86_64.rpm	extension-ldap-interface-2.0.0.13.x86_64.rpm
media-interface	extension-media-interface-1.0.105-0.x86_64.rpm	extension-media-interface-1.1.0.1.x86_64.rpm
outgoing-email-interface	extension-outgoing-email-interface-1.6.102-0.x86_64.rpm	extension-outgoing-email-interface-1.7.0.2.x86_64.rpm
responder-sync-interface	extension-responder-sync-interface-4.0.6-0.x86_64.rpm	extension-responder-sync-interface-5.0.0.34.x86_64.rpm
spacelabs-cei-interface	extension-spacelabs-cei-interface-1.0.109-0.x86_64.rpm	extension-spacelabs-cei-interface-1.1.0.5.x86_64.rpm

Adapter Name	Platform 5.5	Platform 6.0
spectralink-interface	extension-spectralink-interface-2.1.103-0.x86_64.rpm	extension-spectralink-interface-2.2.0.2.x86_64.rpm
tap-interface	extension-tap-interface-1.10.2-0.x86_64.rpm	extension-tap-interface-1.11.0.5.x86_64.rpm
vocera-interface	extension-vocera-interface-3.1.0-1.x86_64.rpm	Not supported
xmpp-interface	extension-xmpp-interface-3.4.2-0.x86_64.rpm	extension-xmpp-interface-4.0.0.328.x86_64.rpm

Optional Adapters

Adapter Name	Platform 5.5	Platform 6.0
amion-interface	extension-amion-interface-1.0.0-0.x86_64.rpm	extension-amion-interface-1.0.0-0.x86_64.rpm
assignmentgroupsync-interface	extension-assignment-group-sync-service-1.0.1-0.x86_64.rpm	extension-assignment-group-sync-service-2.0.0.4.x86_64.rpm
assignmentmanager-interface	extension-assignment-manager-interface-1.1.2-0.x86_64.rpm	extension-assignment-manager-interface-2.0.0.4.x86_64.rpm
carescape-interface	extension-carescape-interface-1.1.108-0.x86_64.rpm	extension-carescape-interface-1.2.0.1.x86_64.rpm
earlysense-interface	extension-earlysense-interface-1.0.102-0.x86_64.rpm	extension-earlysense-interface-1.1.0.2.x86_64.rpm
incomingvmi-interface	extension-incoming-vmi-interface-1.0.0-1.x86_64.rpm	extension-incoming-vmi-interface-1.1.0.4.x86_64.rpm
incomingwctp-interface	extension-incoming-wctp-interface-1.0.0-1.x86_64.rpm	extension-incoming-wctp-interface-1.0.0.31.x86_64.rpm
navicare-interface	extension-navicare-interface-1.4.2-0.x86_64.rpm	extension-navicare-interface-1.5.0.2.x86_64.rpm
nihon-kohden-interface	extension-nihon-kohden-interface-1.1.102-0.x86_64.rpm	extension-nihon-kohden-interface-1.2.0.2.x86_64.rpm
outgoing-wctp-interface	extension-outgoing-wctp-interface-2.0.0-2.x86_64.rpm	extension-outgoing-wctp-interface-2.0.0-2.x86_64.rpm
patient_context-service	extension-patient-context-service-1.0.0-0.x86_64.rpm	Not supported
qgenda-interface	extension-qgenda-interface-1.0.0-2.x86_64.rpm	
sip-interface	extension-sip-interface-1.4.0-0.x86_64.rpm	extension-sip-interface-1.4.0-0.x86_64.rpm
soap-publisher-interface	extension-soap-publisher-interface-1.0.112-0.x86_64.rpm	extension-soap-publisher-interface-1.1.0.2.x86_64.rpm
soap-subscriber-interface	extension-soap-subscriber-interface-1.0.113-0.x86_64.rpm	extension-soap-subscriber-interface-1.1.0.2.x86_64.rpm
sotera-esii-interface	extension-sotera-esii-interface-1.0.113-0.x86_64.rpm	extension-sotera-esii-interface-1.1.0.2.x86_64.rpm
stryker-interface	extension-stryker-interface-1.0.102-0.x86_64.rpm	extension-stryker-interface-1.1.0.3.x86_64.rpm
vmp-interface	extension-vmp-interface-1.1.0-0.x86_64.rpm	Not supported
voice-group-sync-interface	extension-voice-group-sync-interface-1.0.3.12.x86_64.rpm	Not supported

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 (**https://wiki.ext-inc.com/display/REL/Adapters**).

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 installed | 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.
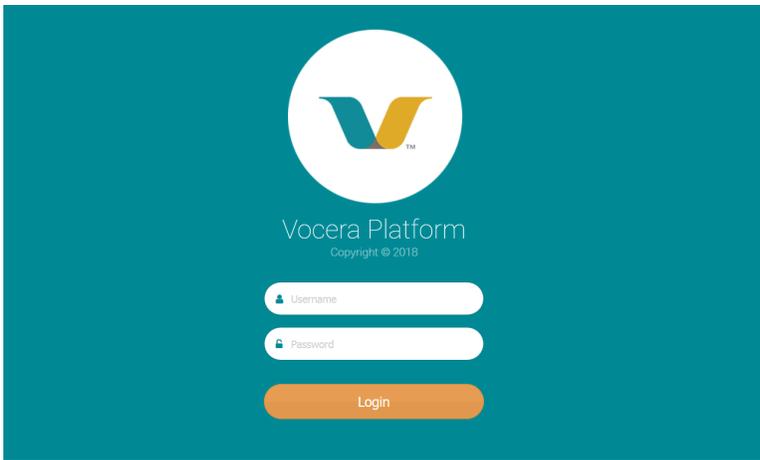
2. Select Settings > Adapters in the navigation menu.
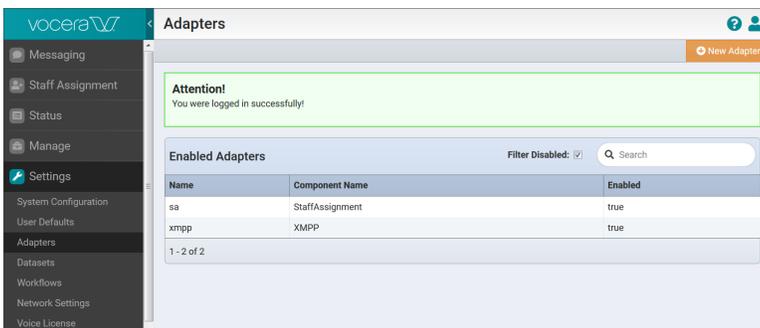
    The Adapters page displays.

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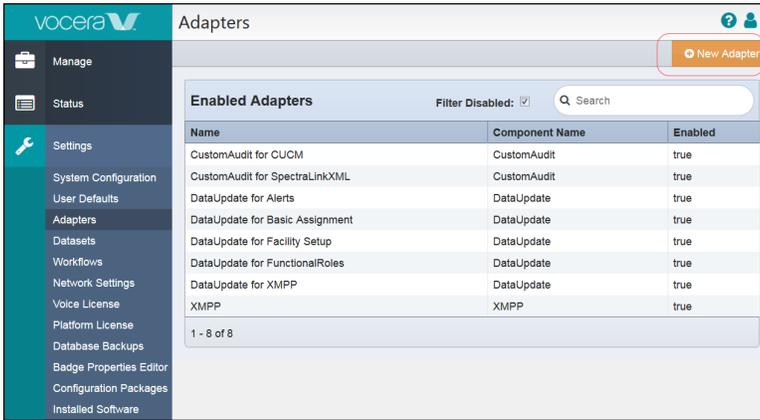
4. Uncheck the Filter Disabled box to display all the adapters that have been installed, including those that are not currently enabled. The column title now displays All Adapters.

    The Filter Disabled box is checked by default.
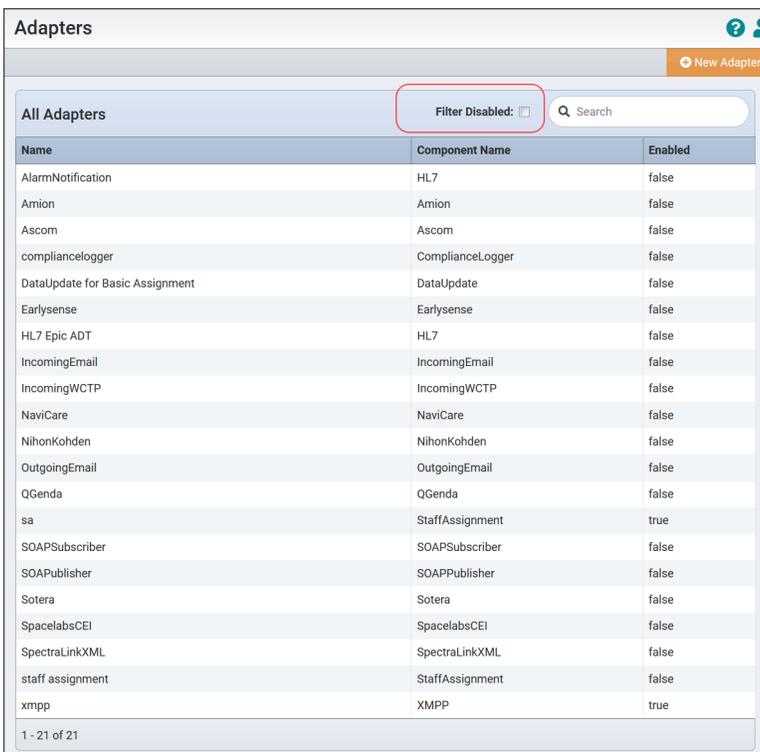
5. Enter a term in the Search field to locate a needed adapter on the system.

    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.
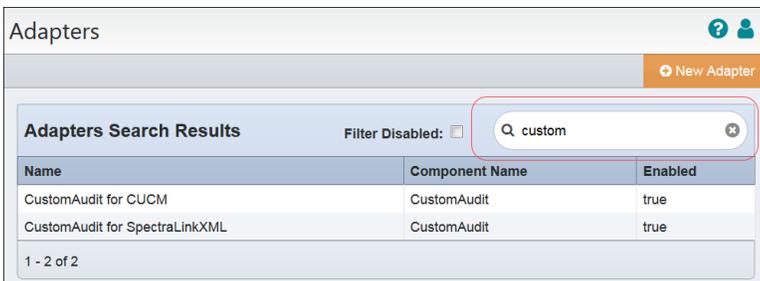
Editing an Adapter

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 16 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 20 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 16 for instructions.

2. Select New Adapter in the Action menu on the Adapters page.
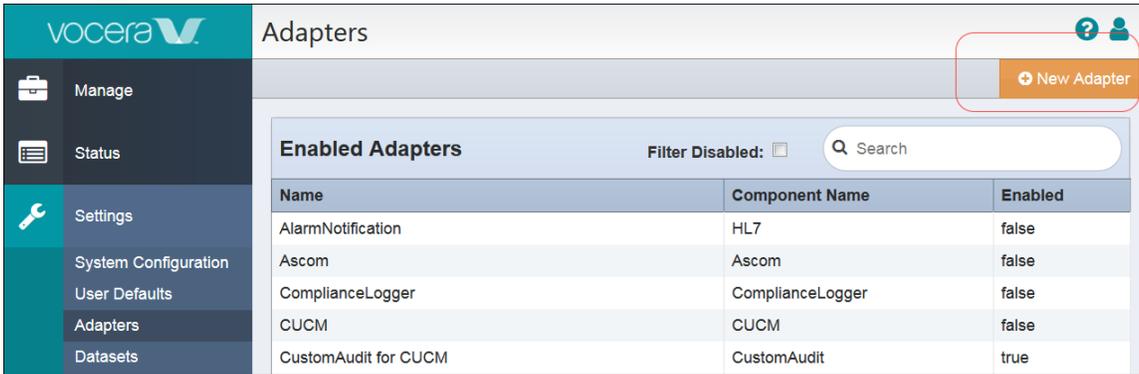
The Create a New Adapter dialog displays.

3. Complete the configuration fields.
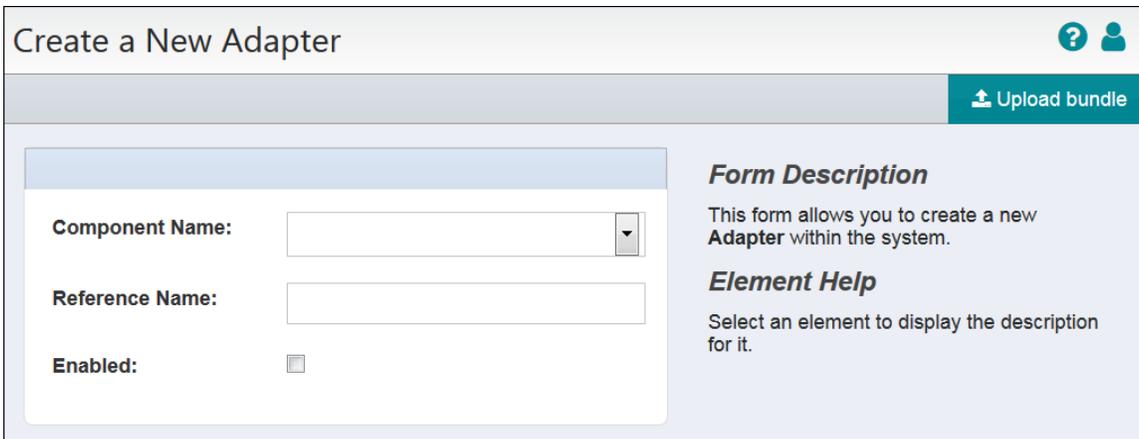
Name	Description
Component Name *	Select the Component Name field dropdown arrow to display a list of the systems and devices that Vocera currently supports. Select the name of the adapter to create.
Reference Name	Enter a short descriptive name in the Reference Name field to uniquely identify an adapter 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.
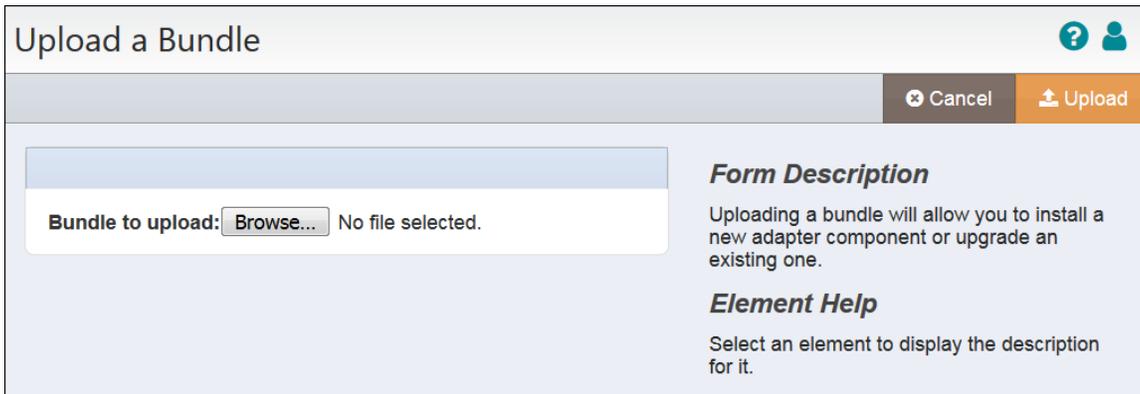
6. Select one of the Action options to exit from the Upload a Bundle dialog.
   - Upload: Upload the selected bundle to the appliance.
   - Cancel: Close the Upload a Bundle dialog without making a change to the system.

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:
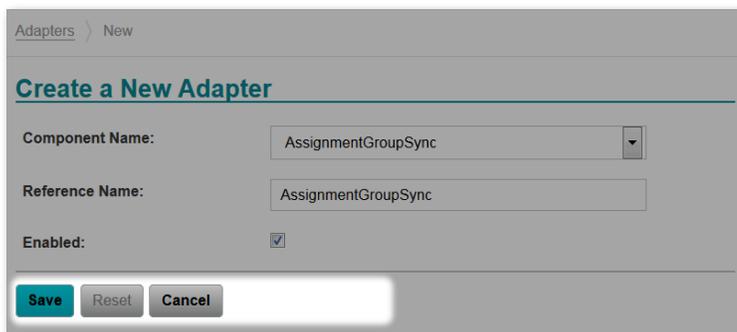
Option	Description
Save	Select Save to store the adapter configuration in the system, when the fields are set to desired specifications.
Cancel	Select Cancel to close the configuration window without saving your changes to the system.
Reset	Select Reset to clear all fields without closing the window, 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 16 for instructions.

2. Select Edit in the Actions menu to access the Update page for the adapter.

XMPP Adapter

🗑 Remove   ✏ Edit

Reference Name:	XMPP
Component Name:	XMPP
Enabled:	true

Main Adapter Settings   Version: 4.0.0.175

It Might Help to Know...

You are currently viewing the primary details for this adapter. You may also choose to edit or remove it from the system by selecting the appropriate action on the page. Areas that are highlighted with a red background indicate that there is missing information.

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.

Update Adapter   ❓ 👤

| Reference Name: | XMPP |
| Enabled: | ☐ |

Required Datasets

| Actors: | Actors ▾ |
| Assignments: | Assignments ▾ |

Form Description

Edit the details for the 'XMPP' adapter.

Element Help

Select an element to display the description for it.
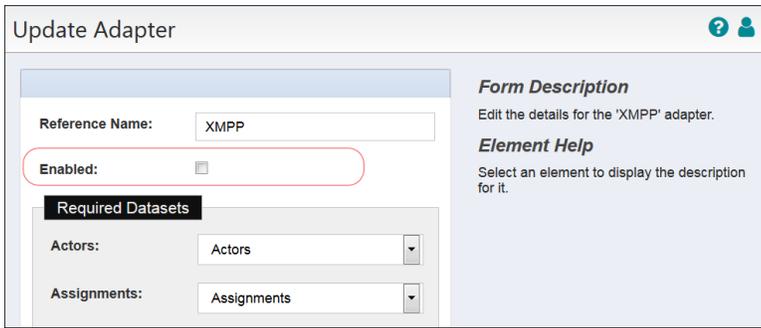
4. Select one of the options to exit the Update Adapter page. See Saving an Adapter on page 20 for details.

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 16 for instructions.

2. Select Remove in the Actions menu to permanently delete the adapter.

XMPP Adapter

🗑 Remove   ✏ Edit

Reference Name:	XMPP
Component Name:	XMPP
Enabled:	true

Main Adapter Settings   Version: 4.0.0.175

It Might Help to Know...

You are currently viewing the primary details for this adapter. You may also choose to edit or remove it from the system by selecting the appropriate action on the page. Areas that are highlighted with a red background indicate that there is missing information.

3. Click Ok in the confirmation window.

Before You Click Ok...

Removing this adapter may cause unexpected results in the system. Please make sure that you really want to perform this action before pressing 'Ok'. Once the adapter has been removed there will be no way of retrieving its data.
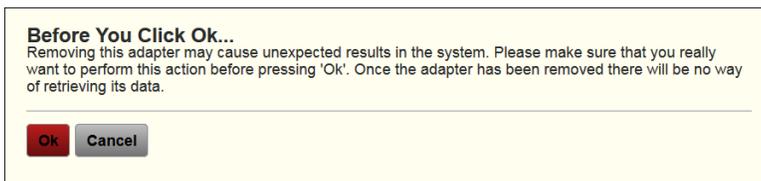
Ok   Cancel

- 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.