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Apple Business Chat Guide

Messaging Applications 9.0.0

3/7/2022

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Apple Business Chat

This document describes how to deploy and use the Genesys driver and plugin for Apple Business Chat.

- [Deploying the Apple Business Chat Driver](#)
- [Sample Business Process for Apple Business Chat](#)
- [Using the Workspace Desktop Edition Plugin](#)

Deploying Apple Business Chat

Prerequisites

- Computer with access to the Genesys Hub REST API
- Java 8 or above
- Chat Server 8.5.301.06 or later
- Universal Contact Server 8.5.300.09
- Workspace Desktop Edition 8.5.127.06 or later
- Digital Messaging Server 9.0.001.10 or later
- eServices Manager 8.5.304.09 or later
- [Create an Apple Business Chat channel in Genesys Hub](#)

Deploy Digital Messaging Server

Follow the [installation procedure for Digital Messaging Server](#).

Install the channel driver

1. Navigate to the folder that contains the installation package for Genesys Driver for use with Apple Business Chat via Hub.
2. Run the installation for Genesys Driver for use with Apple Business Chat via Hub:
 - On Windows, run `setup.exe`
 - On Linux, run `install.sh`
3. When prompted by the installation dialog, specify the proper Configuration Server parameters for your environment and select the desired Digital Messaging Server application.
4. After installation, locate the **AbcHubDriver.cfg** configuration file in the `\<Digital Messaging Server application>\media-channel-drivers\channel-abc-hub` folder.
5. In GAX, open your Digital Messaging Server Application, go to the **Options** tab, and import options from the **AbcHubDriver.cfg** file.

Configuration

All options are documented in the [Options Reference](#).

Configuring Chat Server

Set the following Chat Server options:

- `stop-abandoned-interaction = never`
- `transcript-auto-save = 1`

Ensure that the following Chat Server options are set to their default values:

- `use-contact-server = true`
- `session-restoration-mode = none`

There is a limit on the concurrent chat sessions Chat Server can support at a time. It depends on the hardware and chat session scenario, but as a rule of thumb you can expect a maximum of 1,000 concurrent sessions on one Chat Server.

Endpoints

- Chat Server: in the **[endpoints]** section, add a queue called **async-chat-greet-queue**.
- Digital Messaging Server: in the **[channel-*any name*]** section for your Apple Business Chat channel, add an endpoint called **session-ABC**. For example: `,1:session-ABC`.

Deploying Apple Business Chat

The top screenshot shows the 'Digital Messaging Server Properties' configuration page. The 'Application Options' table is as follows:

Name	Section	Key	Value
channel-abc-hub \ driver-classname	channel-abc-hub	driver-classname	com.genesyslab.mcr.smsrserver.channel.abc.HubDriver
channel-abc-hub \ inbound-route	channel-abc-hub	inbound-route	, 1:session-chat
channel-abc-hub \ password	channel-abc-hub	password	*****

The bottom screenshot shows the 'ChatServer Properties' configuration page. The 'Application Options' table is as follows:

Name	Section	Key	Value
endpoints:1 \ default	endpoints:1	default	Chat inbound queue
endpoints:1 \ session-chat	endpoints:1	session-chat	async-chat-greet-queue

Deploy Apple Business Chat Plug-in for Workspace Desktop Edition

1. **Configure Workspace Desktop Edition.** Note that to use role-based access control, you must use Genesys Administrator to configure Workspace Desktop Edition and the plugin.
2. Install Workspace using the **non-ClickOnce deployment** procedure, also known as "installing the Workspace Application" (the Apple Business Chat plugin does not support ClickOnce deployment).
3. **Configure and install** the plugin, being sure that your configuration procedure includes importing the template and metadata for the plugin (see **Genesys Administrator 8.1 Help** for information on importing metadata). This makes roles and other required items available.
4. If you are using role-based access control,
 - You must assign all Workitem privileges. The plugin does not support unassigned Workitem privileges.
 - Assign `InteractionWorkspace.AppleBusinessChat.canUse` privileges. This allows agents to load the Apple Business Chat plugin. If this permission is not set, the plugin will not load.
5. Provide values for the configuration options that you added to your Workspace Application, as described in the next section.

Configuring the Plugin

Plugin Options

All options for the Apple Business Chat plugin are located in the **[interaction-workspace]** section. Options are documented in the [Options Reference](#).

When using the [Asynchronous chat subroutine](#), set the following configuration options in the **[interaction-workspace]** section:

- **applebcsession.on-hold-queue** to `async-chat-return-queue`
- **workbin.applebcsession.in-progress** to `async-chat-main-workbin`

Workspace Desktop Edition Options

Workspace Desktop Edition options are documented in the [Configuration Options Reference](#) section of the Workspace Desktop Edition Deployment Guide. The following settings are recommended:

- **contact.directory-displayed-columns** = `LastName,FirstName,PhoneNumber,EmailAddress,_msg_ProfileNickname`
- **contact.directory-search-attributes** = `LastName,FirstName,PhoneNumber,EmailAddress,_msg_ProfileNickname`
- **contact.displayed-attributes** = `Title,FirstName,LastName,PhoneNumber,EmailAddress,_msg_ProfileNickname`
- **display-format.case-name-format** = `$Contact._msg_ProfileNickname|$Contact.FirstName$Contact.LastName|$Interaction.MainParty$`
- **display-format.customer-name-format** = `$Contact._msg_ProfileNickname|$Contact.FirstName$Contact.LastName|$Party.DisplayName$`
- **interaction.window-title** = `($Contact.FirstName$ $Contact.LastName$ $Interaction._msg_ProfileNickname|$Interaction.MainParty$) - $Interaction.Type$ - $Window.Title$`
- **toast.window-title** = `($Contact._msg_ProfileNickname|$Contact.FirstName$Contact.LastName|$Interaction.MainParty$) - $Window.Title$`

Important

The plugin supports only the **Default** and **HighContrast** themes. If any other theme is specified, the plugin icons will be missing.

Other configuration

- Create the following [media type](#) in the Configuration Server database: **applebcsession**. Next, add the **applebcsession** media type to your environment's [capacity rules](#) and specify how many instances of

applebcsession interactions are allowed simultaneously.

- Genesys recommends that you increase the default value of the session-shutdown-timeout option in DMS to 1800 (30 minutes).
- Genesys recommends that you increase the default value of the xml-request-max-size option in Chat Server to 100 (kilobytes).

Contact Attributes

In Genesys Administrator or Configuration Manager, create the following Business Attribute Values for the **Contact Attributes** Business Attribute:

ABC User ID

- **Name**—_msg_ProfileUserId_ABC
- **Display Name**—Profile User ID for Apple Business Chat

In the **Annex** tab, add the following options in the **[settings]** section:

- **is-searchable** = true
- **is-sortable** = true
- **search-order-level** = 1

Profile Nickname

- **Name**—_msg_ProfileNickname
- **Display Name**—Profile Nickname

In the **Annex** tab, add the following options in the **[settings]** section:

- **is-searchable** = false
- **is-sortable** = false

Uninstalling or upgrading

Uninstalling the driver

1. Stop the DMS application with the driver. This can be done for example via GAX (or **Services** if using Windows).
2. Uninstall the driver:
 - On Windows through **Control Panel > Programs and Features**.
 - On Linux by running the **./uninstall_custom.sh** script from the **media-channel-drivers/channel-**

abc-hub/uninstall folder.

3. Verify that the folder **channel-abc-hub** was removed under folder **media-channel-drivers**.

Upgrading the driver

1. Follow the procedure above to uninstall the old version of the driver.
2. Install the new version of the driver, using the instructions above on this page.
3. Start the DMS application with the driver.

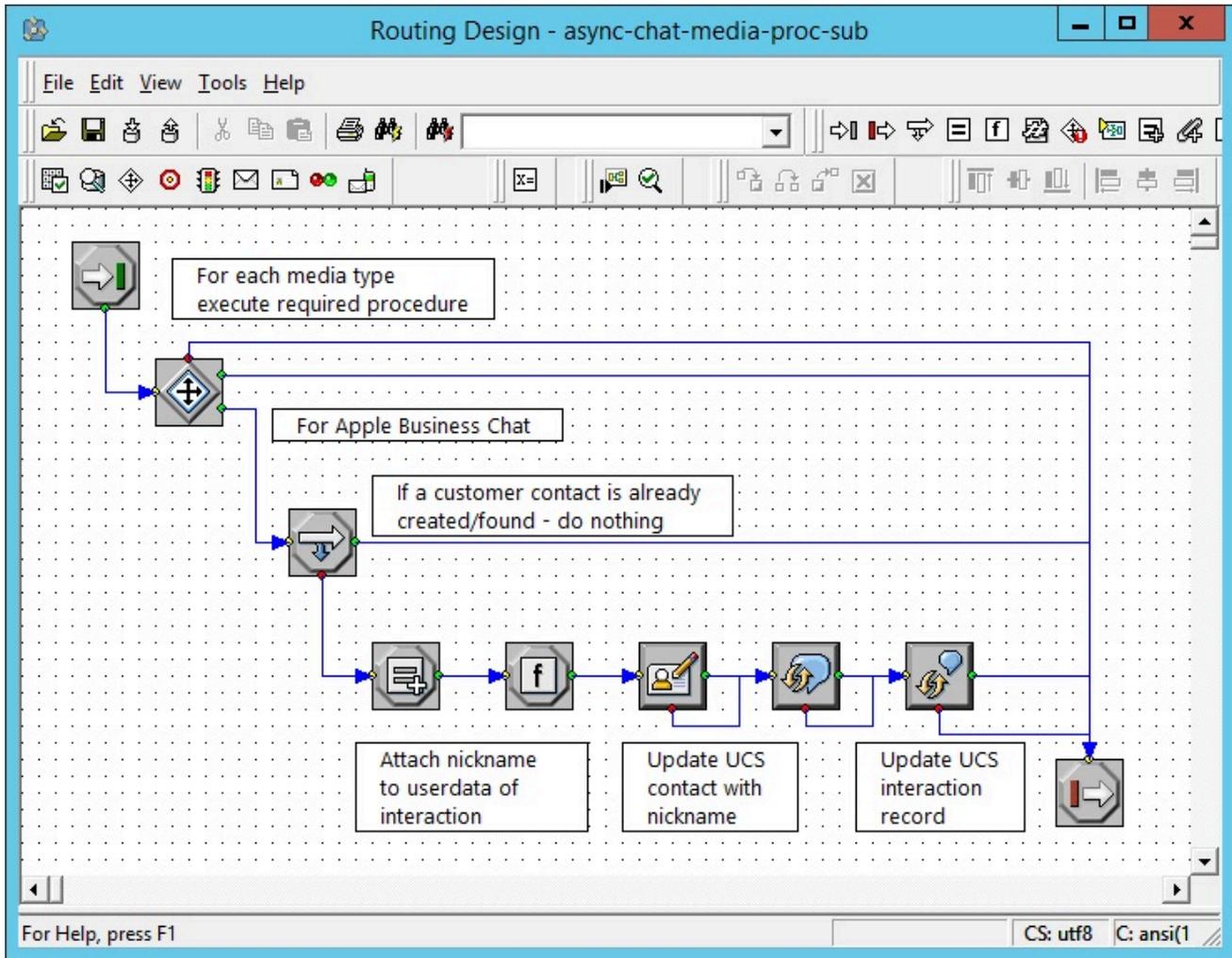
Sample Business Processes for Apple Business Chat

Asynchronous chat subroutine

Important

This section applies only to Apple Business Chat 9.0.001.05 releases and higher.

The [Chat Server documentation](#) includes information on how to install and configure a workflow sample that uses asynchronous chat. The workflow sample and a description of how it works is included in the Chat Server installation package. The package also includes a subroutine that uses Apple Business Chat (see graphic below).



For Apple Business Chat interactions (interactions with the MediaType **applebcsession**), this subroutine creates a nickname for a contact if it was not yet defined.

Process

The subroutine performs the following steps:

1. Checks if the variable **_msgProfileNickname** is already initialized. If it is not initialized, it assigns the variable **_msg_Nickname_ABC** a value of **ABC Client with unknown Nickname** (this string appears on the agent desktop if the contact is new).
2. Attaches the **_msg_ProfileNickname** key to the interaction with the newly assigned nickname.
3. Updates the contact in **Universal Contact Server** (UCS).
4. Assigns **InteractionId** to a variable to update the interaction in the next step.
5. Updates the key **_msg_ProfileNickname** in Interaction Server.
6. Updates the key **_msg_ProfileNickname** in UCS with the same string from Step 1.

7. The rest of the interaction proceeds in the usual manner.

Apple Business Chat Hub Driver Attributes

The following is a list of attributes that ABC Hub Driver adds to the interaction.

Simple Text Message

Attribute	Type	Description
_umsMediaType	String	Always "applebc"
_umsMediaTypeChat	String	Always "applebcsession" value
_umsChannel	String	Channel name
_umsChatPossible	String	Always "true" value
_umsMsgId	String	Message identifier (Apple's data)
_umsMsgType	String	Always "text" value
_umsFromAddr	String	Unique identifier of Apple's user or "SYSTEM" for notification messages
_umsToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsConversationId	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsDriverDataWithAttachment	String	"False" for messages without attachment. "True" for messages with attachment.
_umsMsgPlainText	String	Text of message
_msg_PlainText	String	Text of message
Subject	String	Subject of message
_msg_CreatedAt	String	Timestamp for when message was received
_msg_MsgId	String	Message identifier (Apple's data)
_msg_MsgType	String	Always "text" value
_msg_FromUserId	String	Unique identifier of Apple's user
_msg_ToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_msg_ProfileServiceName	String	Always "ABC" value
_msg_ProfileUserId_ABC	String	Unique identifier of Apple's user

Attachment Message

Attribute	Type	Description
_umsMediaType	String	Always "applebc"
_umsMediaTypeChat	String	Always "applebcsession" value
_umsChannel	String	Channel name
_umsChatPossible	String	Always "true" value
_umsMsgId	String	Message identifier. Apple's data
_umsMsgType	String	Always "text" value
_umsFromAddr	String	Unique identifier of Apple's user or "SYSTEM" for notification messages
_umsToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsConversationId	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsDriverDataWithAttachment	String	"False" for messages without attachment. "True" for messages with attachment
_umsMsgPlainText	String	Text of message
_msg_PlainText	String	Text of message
Subject	String	Subject of message
_msg_CreatedAt	String	Timestamp of message receive moment
_msg_MsgId	String	Message identifier. Apple's data
_msg_MsgType	String	Always "text" value
_msg_FromUserId	String	Unique identifier of Apple's user
_msg_ToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_msg_ProfileServiceName	String	Always "ABC" value
_msg_ProfileUserId_ABC	String	Unique identifier of Apple's user
_umsDriverDataWithAttachment	String	Always "true" value
_umsDriverData	Binary	Information about attachment. Attachment Id, contentType, size

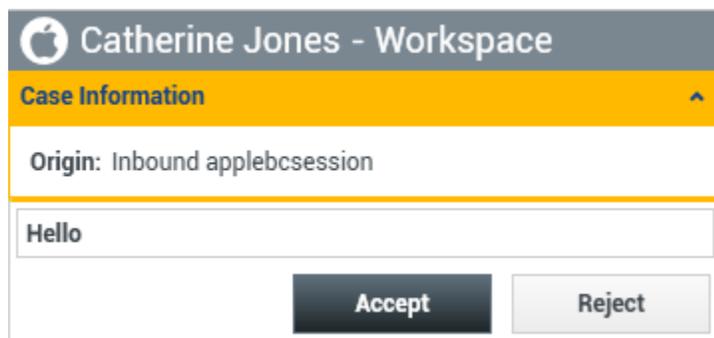
Using the Apple Business Chat Plugin for Workspace Desktop Edition

This section describes using Workspace Desktop Edition to receive and handle interactions coming from the Apple Business Chat channel of Genesys Messaging Apps.

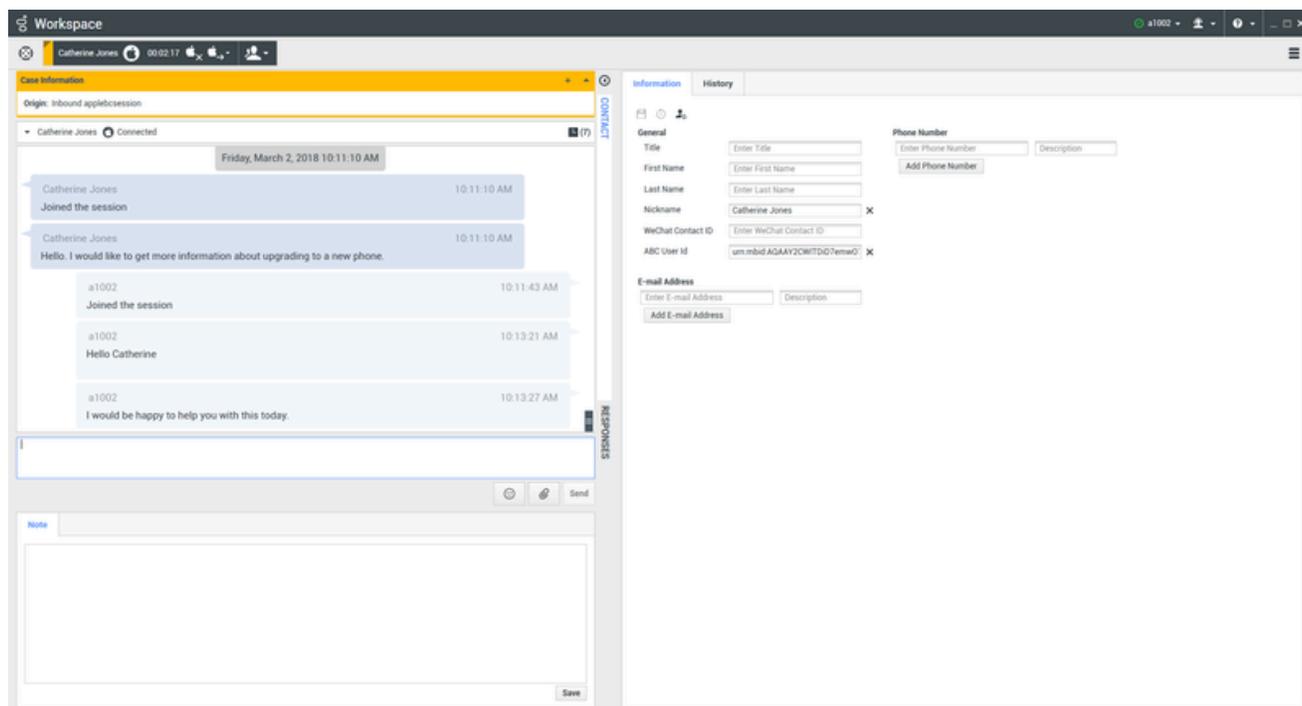
[Link to video](#)

Receiving and Handling an Inbound Apple Business Chat Interaction

If you are the selected internal target of an inbound Apple Business Chat interaction, you receive a notice on your workstation desktop. You can decide to accept or reject the interaction.

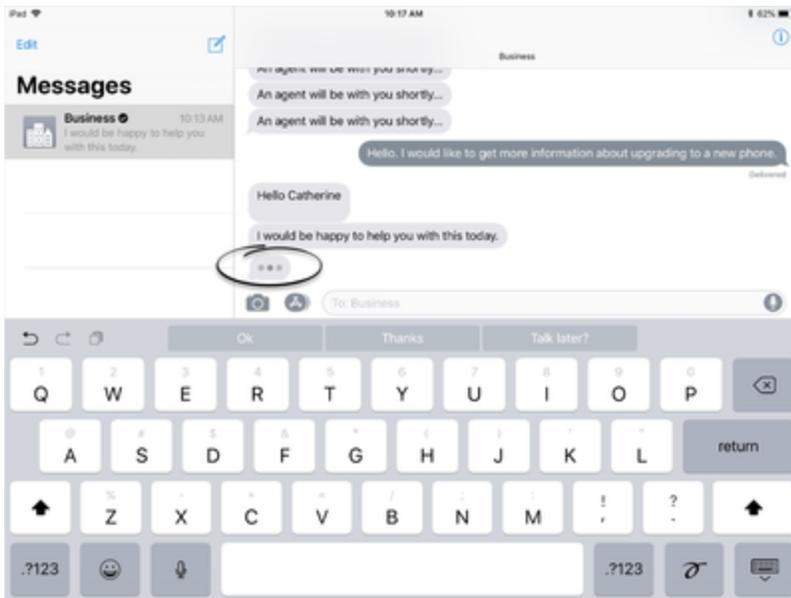


If you accept it, the Apple Business Chat Interaction window is displayed. The Apple Business Chat Interaction window contains information about the interaction and the controls that you need to complete the interaction.



The message area appears similar to a smartphone-based messaging app client:

- Client messages are left-aligned.
- Agent messages are right-aligned.
- Errors are centered.
- The date for when the session started is centered.
- The customer sees a typing notification when the agent is writing a message, as shown below.



If the customer's contact information matches an entry in your contact database, the customer's name appears in the message area. Otherwise, a default nickname appears.

Additionally, if the customer previously contacted your company using Apple Business Chat, these previous interactions appear in the message area. Depending on your settings and the number of previous messages, you might need to click **see older messages...** to see previous Apple Business Chat messages from the current contact. Records of previous Apple Business Chat interactions, as well as records of other interaction types, also appear in the [Contact History](#) view in Workspace.

Important

- Administrators can configure colors and text size. See the [configuration options](#) page for more information.
- Administrators can configure the option `applebcsession.transcript-interactions-count` to specify how many messages from previous interactions appear in the chat message window.
- Administrators can configure the option `applebcsession.max-text-message-size` to set the maximum size of the outbound text message, specified in bytes by converting the message string to UTF-8 encoding. A notification appears below the message area if the maximum value is exceeded. Some symbols might require additional characters, such as emojis.

Lesson: Handling an inbound Apple Business Chat interaction

Purpose: To handle an inbound Apple Business Chat interaction properly.

Prerequisites

- You are logged in to Workspace (see [Lesson: Logging in to Workspace](#)).
- Your status is Ready for the Apple Business Chat media channel (see [Lesson: Going Ready in the Workspace Main window](#)).
- You are the internal target of the inbound interaction.

Start

1. A preview of the inbound interaction is displayed on your workstation desktop in an interactive-notification view. The Interaction Preview contains a summary of information that pertains to the interaction, including contact information and type of interaction. The Interaction Preview might also contain Case Information, which is part of the case data about the interaction.
2. You can choose to accept or reject the interaction in the Interaction Preview by performing one of the following steps:
 - Click Accept to display the interaction.
 - Click Reject to return the interaction to the queue.
 - Do nothing. The interaction will time out and be redirected.
3. To reply to the message, just enter text in the message area. You can copy and paste selected text.
4. (Optional) If necessary, you can transfer the conversation to another agent.
 1. Click  to select the type of target.
 2. Click the magnifying glass to search by name or phone number.

Tip

For more information on transfers, refer to the Workspace documentation topic [Lesson: Starting an instant SMS transfer](#), which is similar to the Apple Business Chat procedure.

End

Next Steps

- You may wish to use some of the the features in described in Apple Business Chat Functionality and Workspace Functionality below. When you are finished, click Done to stop the current interaction. The information is saved in the contact history and the Apple Business Chat Interaction window is closed. You can also [set a disposition code](#).

Pending response indicator

Important

This section applies only to Apple Business Chat 9.0.002.xx releases and higher.

When you receive a message from a contact, a timer is started and a pending response indicator appears next to the interaction-type icon at the top of the Apple Business Chat interaction window (



). The duration of the timer is specified by your administrator with the option `applebcsession.pending-response-to-customer`. This timer indicates that you have a pending response to the contact.

The color of the pending response indicator begins as green. If you have not responded by a specific time interval, the indicator changes to yellow. If you still have not responded by a second time interval, the indicator changes to red and begins to flash. The indicator disappears after you send a message to the contact.

If you have a pending response, and the Apple Business Chat interaction window is not the active window, the Workspace task icon begins to flash in the Windows taskbar, regardless of the condition that is displayed by the pending response indicator. This flashing stops as soon as you navigate back to the interaction by clicking the Interaction control bar.

Using workbins

Important

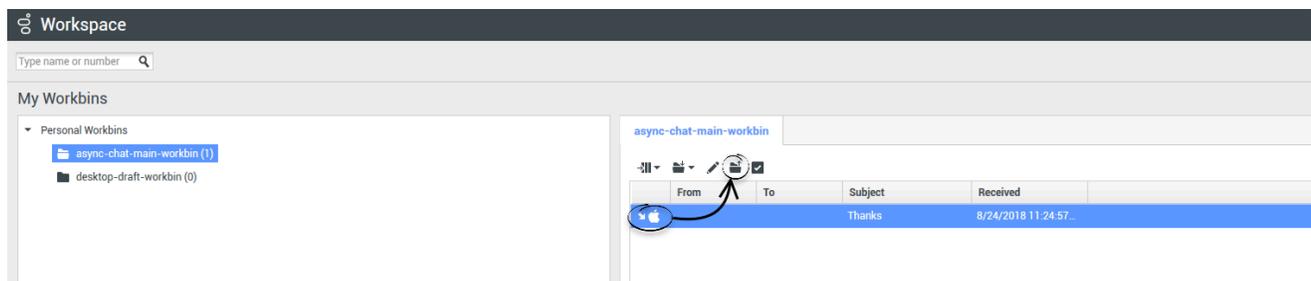
This section applies only to Apple Business Chat 9.0.001.05 releases and higher.

Your company might use **workbins** to manage Apple Business Chat interactions. A workbin is like a queue in which you can store interactions that are to be handled later. Additionally, when you log out, open Apple Business Chat interactions are transferred to a workbin for later use. If a customer resumes one of these interactions, it is automatically removed from the workbin and transferred to an available agent.



Click  to transfer the interaction to a workbin. The interaction closes in Workspace but the session remains active in the background (server-side) and for the end customer.

To retrieve the interaction from the workbin, select the interaction and click Open, as shown below:



Important

An agent cannot contact a customer after the customer deletes the Apple Business Chat session from his or her device. This event is reported in the Apple Business Chat transcript, as shown below:

Notification

11:47:05 AM

The customer closed this conversation.

Standard Response Library

You can use the Workspace Standard Response Library to insert prepared replies into your conversation. Text is sent first in a separate message, followed by attachments (if any). You can click the **X** above an attachment file to remove it from the response.

You can also use standard responses to insert structured messages that use Apple Business Chat-specific features, such as

- [Apple Pay](#)
- [Custom Extensions](#)
- [Date Pickers](#)
- [List Pickers](#)
- [Rich Links](#)

These features are described in more detail below.

Tip

- See [Using The Standard Response Library](#) in the Workspace Desktop Edition documentation for more general information on using standard responses.
- Administrators can refer to the [eServices Manager documentation](#) for information on configuring structured messages for Apple Business Chat.
- Refer to the [Apple Business Chat documentation](#) for more information on using structured messages.

Apple Pay

This response allows customers to pay for a purchase using Apple Pay.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Apple Pay feature.

The customer receives the message and provides a response.

Customizing the Apple Pay message

Select the Apple Pay message to access the following tabs and settings:

- **Payment Request** tab
 - **Label**—This column contains one or more line items for which the customer must pay.
 - **Amount**—This column specifies the price for each line item.
 - **Subtotal**—The total amount of the line items for which the customer must pay.
 - **Tax Rate**—The tax rate to use to calculate **Total Amount** price.
 - **Total Label**—The text label for the **Total Amount** value.
 - **Total Amount**—The total price, which includes tax.
 - **Tax Shipping**—If selected, tax is also applied to the shipping cost (see **Shipping Methods**, below). You can click the **Add** or **Remove** button to manually add or delete line items before sending this Apple Pay request to the customer.
- **Shipping Methods** tab
 - **Label**—This column contains one or more shipping methods that the customer can choose.
 - **Detail**—This column provides more information about each shipping method.
 - **Amount**—The cost for each shipping method.
 - **Tax**—If you selected **Tax Shipping** in the **Payment Request** tab, this column shows the tax to be charged for the shipping method.
As an agent, you can click the **Add** or **Remove** button to manually add or delete shipping methods before sending this Apple Pay request to the customer. The customer can select one of the provided shipping methods before he or she pays. If the customer does not make a selection, the default shipping method (the first item in the **Shipping Methods** list) is automatically applied.
- **Extra Information** tab
 - Information in this tab might vary depending on your configuration. Ask your administrator for additional information.
- **Received Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

Custom Extensions

Important

Custom extensions are unique to each customer. Therefore, the information in this section might not apply to all customers.

Custom extensions are custom-built iMessage or iOS apps that provide extended functionality. For example, your company might have an app that helps customers to access additional information on your server, such as account information.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Custom Extension.

The customer receives the message and selects a response.

Configuring the Custom Extension

Select the Custom Extension to access the following tabs and settings:

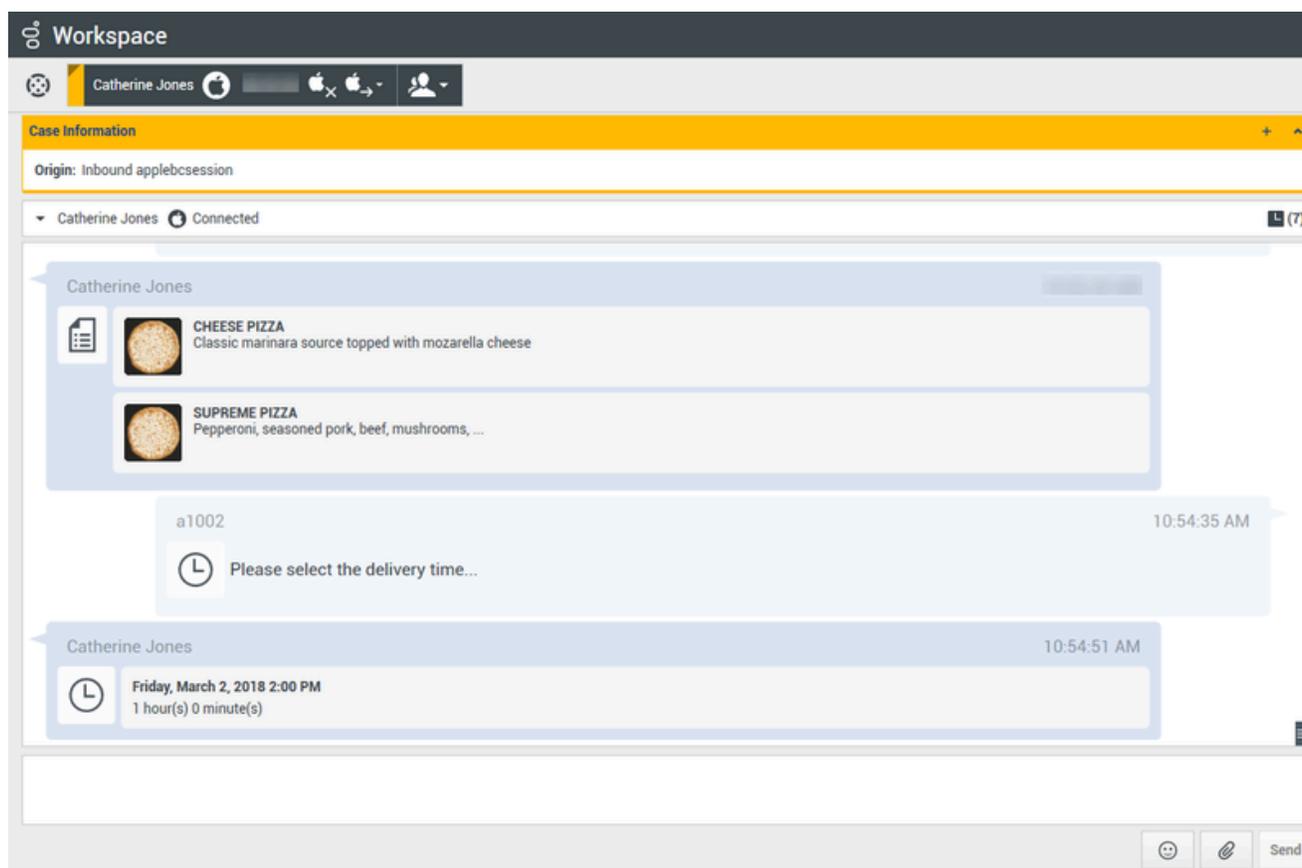
- **Custom Extension** tab—The information on this tab is specific to your custom extension. At a high level, the information you see here specifies the parameters and values used by the custom extension. Do not modify this information unless directed to do so by a manager or supervisor.
- **Received Message** tab—This tab shows a preview of the message to be sent to the customer.

Date Picker

The Date Picker feature enables you to provide the customer with a list of dates from which to make a selection. For example, you might provide a list that prompts the customer to choose a date for scheduling a service call.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Date Picker feature.

The customer receives the message and selects a response.



Customizing the Date Picker

Select the Date Picker to access the following tabs and settings:

- **Event** tab
 - **Title**—Provide a title for the Date Picker message.
 - **Location**—(Optional) Describe a location for the Date Picker event.
 - **Latitude**—(Optional) Provide a latitude for the location.
 - **Longitude**—(Optional) Provide a longitude for the location.
 - **Radius**—(Optional) The location radius, in meters. If the latitude and longitude fields are missing or empty, this field is ignored.
- **Timeslots** tab
 - Click **Add** to add a timeslot. In the **StartTime** field, select a date and time for the timeslot. Go to the **Duration** section to specify the length of the timeslot.
 - You can click **Add** to add another timeslot. To delete a timeslot, select the timeslot and click **Remove**.
- **Received Message** tab

- These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.
- **Reply Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

Important

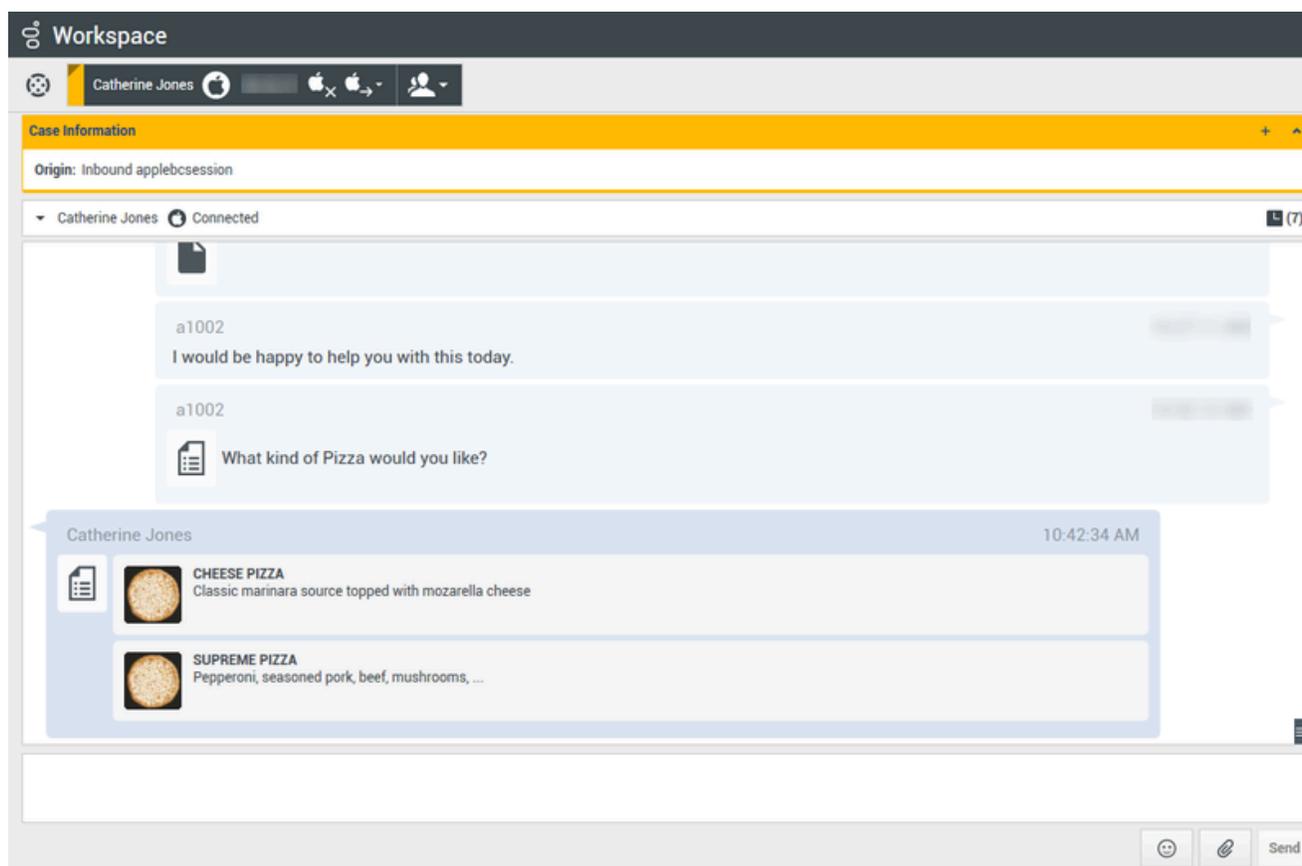
The **Title** and **Duration** fields are only presented to customers when they add the event to their calendar.

List Picker

The List Picker feature enables you to provide the customer with a list of options from which to make a selection. For example, you might provide a list that prompts the customer to choose a reward or a particular type of credit card.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the List Picker feature.

The customer receives the message and selects a response.



Customizing the List Picker

Select the List Picker to access the following tabs and settings:

- **List Picker** tab
 - **Multiple Selection**—Select this option to allow the customer to choose more than one item from the list.
 - Right-click an object in the list section to access a contextual menu with the following options:
 - **Add Section**—Add a new section to the list.
 - **Add Item**—Add a new item to the selected section.
 - **Remove Section** or **Remove Item**—Remove the selected section or item.
 - **Move Up**—Move the selected object higher in the list.
 - **Move Down**—Move the selected object lower in the list.
 - **Title**—Provide a title for the List Picker message.
- **Received Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

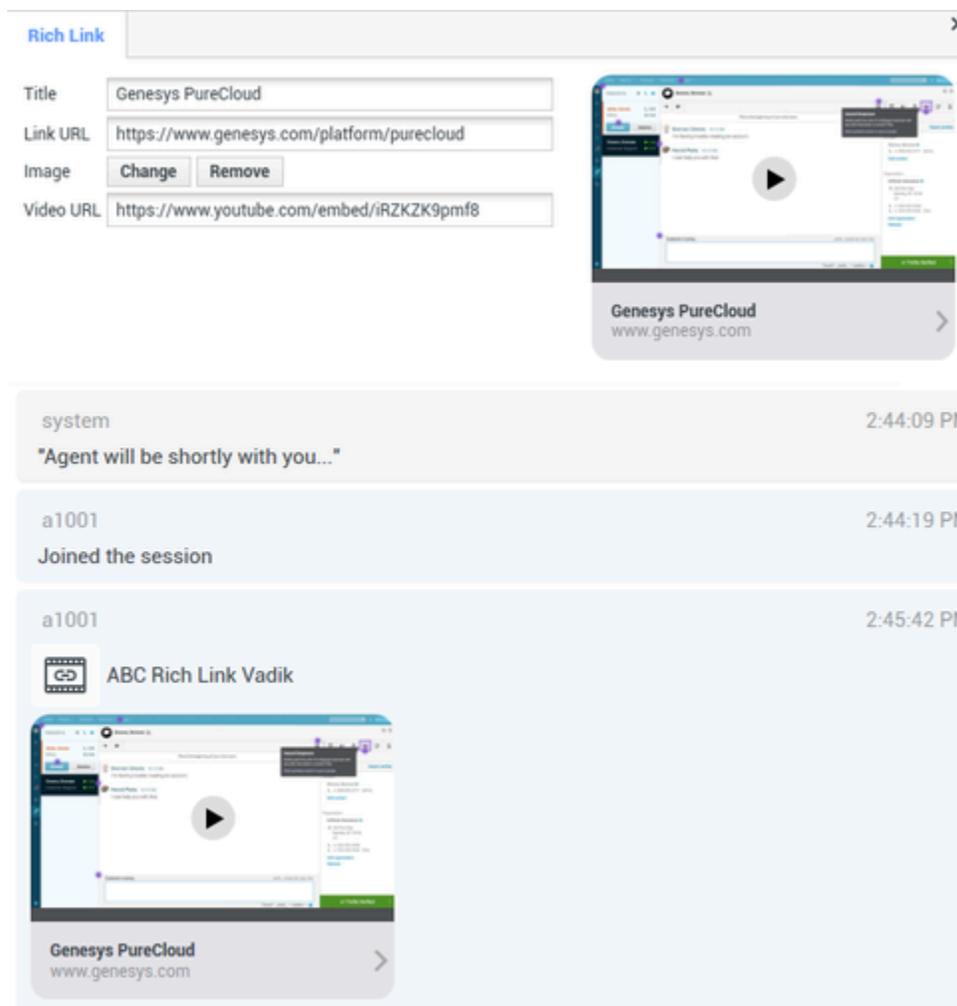
- **Reply Message** tab

- These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

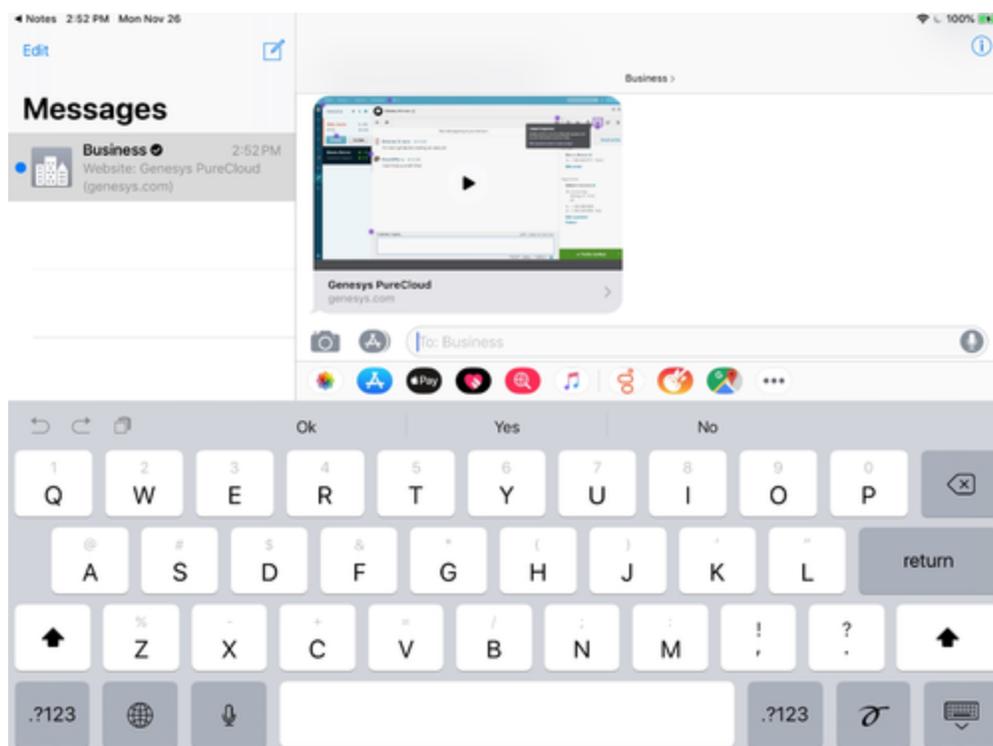
Rich Links

You can use Rich Links to show customers an inline preview of an image or video within the chat. Unlike regular messages, customers can view the media immediately without having to click a "Tap to Load Preview" message.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Rich Link feature. An example standard response that uses a Rich Link is shown below:



The customer receives the message and can view the media directly in the chat, as shown below:



Supported file types

The following image formats are supported (file size must be less than 25 MB):

- PNG
- JPG/JPEG
- GIF
- BMP

Support for streaming video is dependent on Apple. Video format support is not limited by this plugin.

Attachments

Click  to attach a file. You can also receive attachments.

- Click the corresponding icon in the transcript area to display or play the attachment.
- Right-click the icon and select **Save as...** to save the attachment.

Important

- The file size of an attached file must be smaller than 100 MB.
- The size and type of file that you can attach or receive might be further limited by your configuration.

The following attachment types are supported:

- Non-multimedia files—Non-multimedia files are opened by the default application for that file type.



- Audio—An audio attachment icon appears in the message area. Select the icon to open the audio file.



- Images—A preview of the image appears in the message area. Select the image to open the image.

a1002

11:15:20 AM



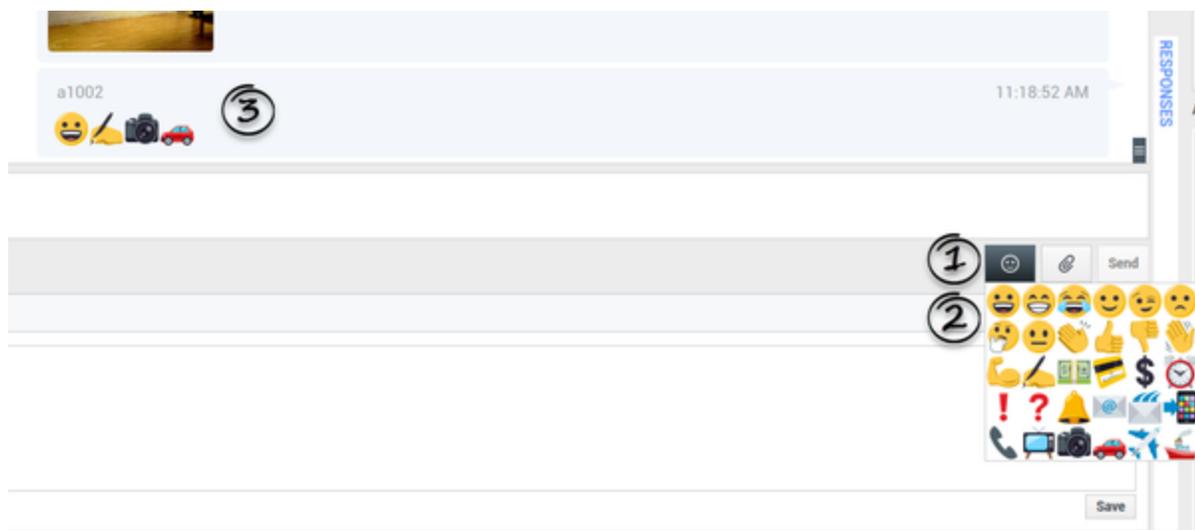
- Videos—A video attachment icon appears in the message area. Select the icon to open the video.



Emojis

Apple Business Chat provides a set of emojis that you can use in chat interactions.

1. Click the smiley-face icon to get a selection window.
2. Select an emoji.
3. When you select an emoji, it appears in the message area.



Important

- The emoji offering is determined by the setting of the `applebcsession.emojis-business-attribute` option. If there are no emojis configured or no section specified in **`applebcsession.emojis-business-attribute`** option, the ABC plugin displays a default set of emojis.
- Refer to the "Enabling emojis" section in the [Chat](#) topic of the Workspace Desktop Edition Deployment Guide for information on how to create the business attribute.

Web links

All URL links are shown as hyperlinks in the chat window. Click a link to open it in the system default web browser.

Other Workspace Functionality

While you are interacting with your Apple Business Chat contact, you can use the general Workspace functionality in the Apple Business Chat Interaction window.

Important

Some of the procedures and tasks below are media-specific, but you can apply the

information when working with Apple Business Chat interactions.

- Use the Note to attach a note to the interaction history. See [Managing Contact History](#).
- View Case Information for the current interaction.
- View and manage contact history. See [Managing Contact History](#)
- View and manage contact information. See [Lesson: Finding and viewing an interaction in the contact database](#).
- Your account might be configured to let you assign an interaction with an unknown contact to a known contact in the contact database by using the [Manual Contact Assignment](#) feature.
- Use the Standard Response Library for pre-written text for replies and comments. Click the vertical **Responses** button, as shown in the [Using The Standard Response Library](#) lesson.
- Cross over into another media channel. If, as an agent, you learn other contact information, such as a contact's phone number or email address, you can manually enter this information on the **Information** tab. The corresponding choice for other media channels is then displayed when you click the **Party Action** menu that is next to the name of the contact. You can then reply by using a voice call, an email, an SMS message, or any other supported media channel for a Apple Business Chat contact. Workspace displays a drop-down list of available channels to access a contact.
- If you want to transfer the interaction to another internal target or consult with another internal target about the interaction, you can perform the following functions:
 - Instant-transfer the interaction to another internal target. See [Lesson: Starting an instant SMS transfer](#), which is similar to the Apple Business Chat procedure.
 - Start a consultation with another party:
 - Start an Instant Messaging consultation. See [Lesson: Initiating an Instant Messaging session](#).
 - Start a Voice consultation. See [Starting a Voice Consultation](#).