

# **GENESYS**

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## Genesys Multicloud CX Release Notes

CX Contact Release Notes

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Not all releases or changes listed below may pertain to your deployment. Check the table below to see which releases apply to you.

## **Related documentation:**

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## **RSS**:

- For cloud
- For private edition

## Important

The Release table lists the initial availability date for each release and the deployment environments for which a release is made available. Except when otherwise stated in the description for a specific release, each release includes all of the features and resolved issues that were introduced on earlier dates, regardless of the deployment environment. The features and resolved issues that apply only to a specific deployment environment are noted as such.

Available	Genesys CX on		Private edition	Highlights	Release
AWS	Azure				
October 25, 2024	aws	Azure		This release includes resolved issues to CX Contact.	100.0.036.0005
August 16, 2024	aws	Azure		Updated third-party libraries.	100.0.036.0003
August 2, 2024	aws	Azure		Support for Terraform exports	100.0.036.0002

Available	Genesy	s CX on	Private edition	Highlights	Release
July 10, 2024	aws	Azure		Support for Elasticsearch 8.x, Redis 7, RHEL 9, and Kubernetes 1.28.	100.0.036.0001
March 15, 2024	aws	Azure		Resolved issues.	100.0.035.0004
January 11, 2024	aws	Azure		Support for two sets of Pretty Good Privacy (PGP) encryption keys.	100.0.035.0003
October 6, 2023	aws	Azure		This release contains new features, improvements, and fixes.	100.0.034.0003
June 8, 2023	aws	Azure		Resolved issues.	100.0.033.0003
February 24, 2023	aws	Azure		This release contains new features, improvements, and fixes.	100.0.032.0005
October 17, 2022	aws	Azure	<u>्</u>	This release contains new features, improvements, and fixes.	100.0.031.0006
July 19, 2022	aws	Azure	र्द्ध	Support for Genesys Multicloud CX private edition deployments on Azure Kubernetes Service	100.0.030.0004

Available	Genesy	s CX on	<b>Private</b> edition	Highlights	Release
				(AKS). Resolved issue.	
July 18, 2022	aws	Azure		This release contains performance improvements, resolutions for a few issues, and improvements to list automation and analytics.	100.0.030.0003
May 24, 2022	aws	Azure		<ul> <li>Improved support for partitioning</li> <li>Resolved issues related to exporting of CX Contact analytics data</li> <li>and more</li> </ul>	100.0.029.0004
May 2, 2022				Generally Available release for Genesys Multicloud CX private edition deployments on the officially supported Kubernetes platforms. Beta Program support for Genesys	100.0.029.0005

Available	Genesy	s CX on	Private edition	Highlights	Release
				Multicloud CX private edition deployments on GKE.	
April 25, 2022	aws	Azure		<ul> <li>Auto-purge records</li> <li>Retain records in a contact list</li> <li>Validate selection rules</li> <li>and more</li> </ul>	100.0.029.0004
February 28, 2022	aws	Azure		<ul> <li>Variable Email Templates</li> <li>A new option to change time zones for schedules</li> <li>Improvements to how filters work in CX Contact Analytics</li> <li>Various issues related to import and export of files in automation jobs and analytics are resolved</li> <li>Performance</li> </ul>	100.0.029.0002

Available	Genesy	s CX on	<b>Private</b> edition	Highlights	Release
				improvement and more	S
December 8, 2021	aws	<b>▲</b> Azure		<ul> <li>Custom Compliance rules support priority settings</li> <li>Content field is now aggregated in the NEXDR and NEXCONV indexes</li> <li>Dial Manager now includes partition data for NEXDR and NEXCONV indexes</li> <li>A new check box to enable encryption when exporting Jobs</li> <li>Support for Digital Signature Algorithm (DSA) and EIGamal user public keys for encryption</li> <li>and more</li> </ul>	100.0.028.0003
October 29, 2021			र्भ	CX Contact 100.0.028.000	100.0.028.0001

Available	e Genesy	s CX on	<b>Private</b> edition	Highlights	Release
				Early Adopter Program support for Genesys Multicloud CX private edition deployments on OpenShift.	
October 11, 2021	aws	Azure		<ul> <li>A new index for SMS/ Email conversations</li> <li>Support for single- tenant Configuration Server.</li> <li>Customizable Attempt Rules using custom Java Script expressions.</li> <li>Support for non- standard Postgre SQL ports.</li> <li>Ability to export Analytics dashboards and panels to PDF or CSV files.</li> </ul>	
July 21, 2021	aws	Azure		<ul> <li>The Suppression List expiration property is preserved.</li> <li>Various issues are</li> </ul>	9.0.026.04

Available	Genesy	s CX on	Private edition	Highlights	Release
				resolved.	
June 30, 2021	aws	▲ Azure		<ul> <li>Create Consent Lists containing information about customers who have explicitly consented to receive outbound calls, emails, or SMS messages.</li> <li>Optionally use Sender ID-level suppression for SMS and Email channels.</li> <li>External Pre- Dial Validation, enabling the addition of a custom pre-dial validation step (a type of Compliance Rule) together with or in place of standard CX Contact pre-dial validation.</li> </ul>	9.0.026.03
May 5, 2021	aws	Azure		Corrections to the partitioning functionality.	9.0.025.05

Available	Genesys CX on		<b>Private</b> edition	Highlights	Release
May 3, 2021	aws	Azure		<ul> <li>Support for partitions.</li> <li>Support for preprocessing before list import.</li> </ul>	9.0.025.04
March 31, 2021	aws	Azure		Support for Genesys Engage cloud on Azure	9.0.024.04



100.0.036.0005 available October 25, 2024

• Helm charts and containers

## What's New

- CX Contact now correctly works with GWS Configuration 9.0.001.01.1897+. (CLOUDCON-20118)
- Third-party software libraries are updated to resolve vulnerabilities.

## **Resolved Issues**

- PGP-encrypted Outbound Analytics data is now exported correctly. Previously, some exports could miss reporting data intermittently. (CLOUDCON-20103)
- CX Contact UI now allows to add personalizations to SMS messages as expected in Chrome browser after upgrading the browser to v.128.0.6613+. (CLOUDCON-20101)



## What's New

• Third-party software libraries are updated to resolve vulnerabilities.

## August 02, 2024 🍑 🔥 Azure

## What's New

- CX Contact Data Mappings can now be exported to Terraform format to simplify migrations. (CLOUDCON-19412)
- Third-party software libraries are updated to resolve vulnerabilities.

## **Resolved Issues**

- Updates to existing Filtering Rules completes successfully now. Previously in Cloud-based environments, such updates sometimes displayed an Access Denied error. (CLOUDCON-19987)
- Bolivian phone numbers (+591 country code) are now ingested as expected into Contact Lists. Previously, such phone numbers
  were rejected with the error message, No devices found. (CLOUDCON-19957)



## What's New

- CX Contact now supports Elasticsearch version 8.x for Outbound Analytics. (CLOUDCON-19842)
- CX Contact now supports Kubernetes 1.28. (CLOUDCON-19425)
- CX Contact now supports Red Hat Enterprise Edition 9 OS as a host OS where CX Contact containers can be executed. (CLOUDCON-19418)
- CX Contact now supports Redis 7. (CLOUDCON-19415)
- Third-party software libraries are updated to resolve vulnerabilities.

- CX Contact now correctly imports phone numbers for Argentina. Earlier, importing Argentinian phone numbers displayed an error, Device has an invalid exchange. (CLOUDCON-19908)
- The performance of the API request to add a new contacts to an existing contact list using the Append and Update mode is improved. (CLOUDCON-19867)
- In cases where the CX Contact List Automation Job imported input file(s) successfully but did not remove the input file(s) from the remote SFTP Server after the import, the Automation Job is completed with a *Partial Success* message. Earlier, the job was marked as *Success* even when the input files were not removed from the remote SFTP server. (CLOUDCON-19863)
- When editing single or multiple records in Contact List Details View, CX Contact now correctly supports setting call result to Unknown. Earlier, this call result was not available in the drop-down selector. (CLOUDCON-19505)
- CX Contact now improves resilience of system automation jobs execution (for example, jobs used for daily purge of contact lists) in some rare scenarios when hosts where CX Contact components run are out of NTP sync. (CLOUDCON-19466)
- CX Contact Outbound Analytics now filters out information about execution of internal synthetic transactions (health checks). (CLOUDCON-17345)



## **Resolved Issues**

- The Contact List field State Code (cd\_state\_code) is now extended to hold 3 characters. This extension allows to properly store
  names of Australian regions such as NSW (New South Wales) and QLD (Queensland) in this field. Previously, regions and state
  names which contained more than 2 characters were trimmed to the first two characters when stored in the State Code
  field. (CLOUDCON-19488)
- The warning message about CKEditor upgrade is no longer shown on the UI when an email's content is edited in the Campaign Group, Campaign Templates, or Dialing Profile dialogs. (CLOUDCON-19478)
- Import files are now always deleted after a successful import by List Automation Job, if the **delete file after import** checkbox is selected in the configuration of List Automation. Previously, import files were not deleted even if the **delete file after import** checkbox was selected, in case if complex search/replace criteria was specified in the Data Mapping of the target Contact List and preprocessing operation had failed for some input lines. (CLOUDCON-19472)



## What's New

• CX Contact now supports configuration of two sets of PGP keys (expiring and non-expiring) which are used to exchange encrypted files over SFTP. Configuration of expiring set of keys has a higher priority over non-expiring. (CLOUDCON-19367)

## **Resolved Issues**

- Date entries in the Suppression Lists (*created\_date* and *modified\_date*) are now correctly converted to user's local time zone. (CLOUDCON-19356)
- Call Results are now shown correctly in the Contact Lists in List Details View. Previously, Call Result Ok (integer value 0) was
  incorrectly displayed as Unknown (integer value 28). (CLOUDCON-19301)
- The operation Edit Multiple Records in CX Contact List Details View is now completed successfully when viewing filter is defined using the SQL option and Where part of the filtering expression is present. Previously, such operation would have failed with an error 403 (Forbidden). (CLOUDCON-19150)



## What's New

- CX Contact now supports Elasticsearch 7.17. (CLOUDCON-18564)
- CX Contact is now more resilient to temporary outages or disconnects of Elasticsearch. CX Contact components take additional measures to ensure none of the Outbound Analytics entries are lost in the event of Elasticsearch temporary unavailability. (CLOUDCON-18566)
- The Device Mapping create or edit dialog now shows the device type (for example, **Work Phone** or **Home Phone**) in addition to the device number (for example, **Device1** or **Device2**) when defining mapping for each field. (CLOUDCON-18839)

## **Resolved Issues**

- The import speed of Excel files has been improved. Previously at times, it took too long to import an Excel file. (CLOUDCON-19027)
- CX Contact now correctly processes an input record that contains an apostrophe symbol in any text field (for example, O'Brien in the Last Name field). Previously, such record would have been erroneously omitted. (CLOUDCON-18968)
- For email campaigns of type Variable Template, CX Contact now assigns each email interaction to the correct message template, in strict accordance with the template selection expression. Previously in some rare cases, CX Contact could not determine which message template must be utilized for a particular email interaction and erroneously applied the default template. (CLOUDCON-18916)
- For email campaigns, CX Contact now properly replaces all personalization variables in the content or subject of the message with the correct values for each email interaction. Previously, CX Contact could not properly determine the personalization variables, in case if one variable was a substring of another (for example, **password** and **password2**). As a result, variable **password2** was replaced with a value from the **password** field with a static **2** added. (CLOUDCON-18871)
- CX Contact can now properly detect and handle failed automation jobs caused by the CX Contact restart during the maintenance event. Previously, such jobs could stop responding in this scenario. (CLOUDCON-18907)
- CX Contact now always stores partition information in Outbound Analytics for tenants with enabled partitioning. Previously in some rare cases, partition information was not stored in Outbound Analytics, for example, in Contact index. (CLOUDCON-18624)
- The CX Contact UI now correctly displays Created Date in the Suppression List Search view in the time zone specified in Settings. Previously, the date/time values in this column were displayed in the time zone specified on the user's host or browser. (CLOUDCON-18578)

## For private edition

 The log rotation setting (true or false) now correctly reflects the logical state (log rotation on and log rotation off). Previously, those settings were incorrect. (CLOUDCON-18693)



- An issue that caused Data Upload Jobs to show FAIL with the HTTP error invalid\_token is resolved. (CLOUDCON-18468)
- The DIDR Index now includes the First Name values when using the copy-contact operation. (CLOUDCON-18384)
- An issue that caused the Campaign Group Pre-loading to fail with the error invalid\_token is resolved. (CLOUDCON-18377)
- An issue that prevented CX Contact Analytics from displaying the custom Outbound Analytics Dashboard for list automations configuration is fixed. (CLOUDCON-18299)
- CX Contact now includes SMS Opt out contacts in the SMS & Email Outbound Analytics Dashboard and CXContactSMSOptOut Suppression list. Previously, the Opt out contacts were missing from the SMS & Email Outbound Analytics Dashboard and CXContactSMSOptOut Suppression list. (CLOUDCON-18122)
- Trigger Rules now accept email addresses ending with .co.uk. (CLOUDCON-18046)
- Trigger Rule notifications via email now include Macro Variables. (CLOUDCON-17885)
- Test SMS messages are now formatted with proper spacing and line breaks. (CLOUDCON-17822)



- Do Not Contact Dates are now partition-specific. (CLOUDCON-17299)
- CX Contact now supports Plain Text and Multi-Part Email content types. (CLOUDCON-16938)
- CX Contact now supports an Use RAW format (Advanced) property in Email Variable Content. (CLOUDCON-16936)

### **Resolved Issues**

- SMS content no longer adds a space before and after the label names in the Content section. (CLOUDCON-17489)
- The error that appeared when when editing an email campaign group and applying the change for the second time is no longer displayed. (CLOUDCON-17487)
- CX Contact now properly handles schedules that reference deleted or non-existent campaign groups. (CLOUDCON-17468)
- CX Contact now displays logged in user in a standard First Name Last Name format. (CLOUDCON-17452)
- The issue with email campaign templates not saved when HTML was used has been resolved. (CLOUDCON-17378)
- When running a contact trace, the error that occurred when running the trace on the **Device Field** Outbound Analytics has been resolved. (CLOUDCON-17377)
- When creating new email dialing profiles, multiple email contents can be created and saved. Earlier, the save option was not displayed when there were more than six open tabs. (CLOUDCON-17326)
- The extended Campaign Group status is displayed when <u>Alt</u> is pressed and when hovering over a status bulb. (CLOUDCON-17297)
- CX Contact now sends the Test SMS with the Sender ID defined in the respective Variable SMS Content tab. (CLOUDCON-17287)
- A warning message, "Warning! The Partitioning will be disabled/enabled!" is now displayed to verify when partitions are disabled. (CLOUDCON-17235)
- When the Campaign Dashboard Lists/ Filtered statistic is updated to reflect when the Device Escalation and/or Filtering Rule were applied to a campaign group. (CLOUDCON-17025)
- The incorrect SMS notification message that appears when editing email templates has been removed. (CLOUDCON-17009)
- The Attempt Rules now correctly display the time zone source setting when the **Count Attempts Between Time** option is enabled. (CLOUDCON-16979)
- The Send Campaign Group automation job now supports trigger rules with the Automation Job Completed type and Calling List Import sub-type. (CLOUDCON-16958)
- When using Consent Lists, the Suppression & Consent List Search for records in Suppression lists, data is not visible when data is encrypted within the tenant. (CLOUDCON-15018)



100.0.031.0006 available October 17, 2022

• Helm charts and containers

- In SMS messaging, it is now possible to override the default keywords and add custom ones for the options Help and Opt out. (CLOUDCON-16281)
   More info:
- CX Contact now includes a new type of selection rule named Shared Expression. This selection rule allows you to update conditions in a selection rule and apply them to multiple campaign groups. Previously, each campaign group had to be edited to apply changes. (CLOUDCON-16144) More info:
- CX Contact now supports a Trigger rule feature that notifies you of various successful or failed events related to jobs, lists, or campaign groups. (CLOUDCON-16097)
   More info:
- The NEXDR (SMS/Email Records) and NEXCONV (SMS/Email Conversations) Analytics indices now include the following fields to support trigger rules: isTest, triggerRuleName, and triggerEventID. (CLOUDCON-16809)
- The Device Import Detail Records dashboard now includes details of imports that failed because of a blank device field. (CLOUDCON-16897)

## **Resolved Issues**

- The CX Contact UI displays new error messages when the size of a dialing profile or the number of tabs allowed in a campaign group exceeds the allowed limit. When the size of a dialing profile exceeds 512 KB, the following error message is displayed: Dialing profile size exceeds 512 KB. Please split the content between multiple Dialing profiles. The following error message is displayed when the number of tabs in a campaign group or template exceeds 30: Campaign group number of allowed tabs exceeded. Please consider using less conditions per Campaign group. (CLOUDCON-16545)
- An issue with HTML email content not displaying correctly in the Visual Editor in certain scenarios has been resolved. (CLOUDCON-16392)
- The placement of the button to create new variable alert templates has been changed to improve usability. (CLOUDCON-16228)
- An issue that caused some Push Preview calls to be incorrectly reported with the disposition code Failed has been resolved. (CLOUDCON-15957)
- In the visual email editor, an issue that incorrectly changed the variables Other10 through Other19 to Other1 followed by a letter is now resolved. (CLOUDCON-16854)
- When you use the options Today and Count attempts between times in compliance rules, attempts made after 12 AM (UTC) for the current date were not counted correctly. This is now resolved. (CLOUDCON-16991)
- An issue that caused the UnsupporteddialMode4forchannelvoice error when you create a campaign group schedule after selecting the Engage agents first option for the Progressive or Predictive dialing modes is now resolved. (CLOUDCON-17012)



100.0.030.0004 available July 20, 2022

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## **Resolved Issues**

 An issue that caused Dial Manager to use an incorrect base URI when accessing other CX Contact components is now resolved. (CPE-4758)

## For private edition

• CX Contact supports deployments on Azure Kubernetes Service (AKS) in Genesys Multicloud CX private edition. (CPE-4681)



## What's New

- Campaign Manager now supports an advanced option to Calculate duplicates during the pre-loading of campaign groups. (CLOUDCON-16042)
- CX Contact analytics now allows you to specify a default dashboard per partition for an analytics index in **Settings**. The default dashboard setting was earlier applied to the entire tenant. (CLOUDCON-15906)
- The New list and Edit list dialogs now contain an option to ignore duplicates when contact list files are imported using list automation. (CLOUDCON-15757)
- Exported contact lists will now include all ten device fields, regardless of whether any records are populated with values. Device fields without values are left blank.

## Important

This functionality is not enabled by default and is available only when it is configured.

#### (CLOUDCON-15689)

- The New list and Edit list dialogs now include the ability to move input files to a specific file path after the files are imported. (CLOUDCON-15681)
- CX Contact download lists now use the cd\_device\_index field to always assign each device to the same device field as assigned by the list import, regardless of whether it is based on the list header record, input specification, or data mapping. For conflicting device assignments, an overlapping device is assigned to the next available device number field. Previously, devices were assigned to consecutively numbered device fields, even if some were skipped or blank on import.

## Important

This functionality is not enabled by default and is available only when it is configured.

#### (CLOUDCON-15273)

- An issue that caused list automation to fail with the search\_phase\_execution\_exception error because of incorrect sorting of call result records is now resolved. (CLOUDCON-16072)
- CX Contact no longer displays a file format error when the extension of a contact list file is in upper casing. (CLOUDCON-15871)
- An issue that caused certain contact suppression lists to be incorrectly removed from campaigns is now resolved. (CLOUDCON-15867)

• Performance of the List rules UI has been improved. (CLOUDCON-16119)



## **Resolved Issues**

- An issue that caused the export of analytics data to fail in certain scenarios is now resolved. (CLOUDCON-15886)
- CX Contact now has improved support for partitioning related to lists, list automation jobs, and analytics. (CLOUDCON-15838, CLOUDCON-15840, CLOUDCON-15842, CLOUDCON-15843)
- An issue that caused the callTime and scheduledTime fields to be incorrectly populated for the call results Cancel Record and Do Not Call when the Analytics Call Result Records reports are generated using list automation is now resolved. (CLOUDCON-15767)



100.0.029.0005 available May 02, 2022

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## For private edition

- As of July 13, 2022, CX Contact is Generally Available for deployment in Genesys Multicloud CX private edition on the officially supported by Genesys.
- As of March 31, 2022, CX Contact supports deployments on Google Kubernetes Engine (GKE) in Genesys Multicloud CX private edition, as part of the Beta Program (formerly referred to as EAP). (CPE-3659)



## What's New

- The Contact Lists view now includes a new column named Retention, for each contact list. If a value is not specified for retention, the default value, Permanent, is set. (CLOUDCON-15379)
- The New List and Edit List dialogs now include the ability to specify a retention period for records in a contact list and an advanced selection rule to define the criteria for deletion of records. (CLOUDCON-15378)
- You can now specify record retention and selection rules for the action types Import File and Send Campaign Group when the Append Type field is set to New List Only. Once a list is created, you can edit the properties of the list by using only the Edit List Automation dialog. (CLOUDCON-15380)
- CX Contact now supports the validation of a selection rule when you are creating one of the type Selection (Contact) or Selection (Advanced). The new Validate button performs a rule validation and indicates whether the rule validation is completed successfully or has any errors. (CLOUDCON-15365)

 When you export analytics panel data, all time fields except for the @timestamp field are now in the time zone and format specified in Settings. To preserve the existing behavior for these time fields, set the Reports default timezone field to GMT in Settings. (CLOUDCON-15331)

## **Resolved Issues**

- Contact attempts with a result of SIT Invalid Num are now correctly handled by compliance rules. (CLOUDCON-15140)
- For variable email templates (a new feature introduced in the CX Contact 100.0.029.0002 release), CX Contact APIs now prevent the saving of Dialing Profiles, Campaign Templates, and Campaign Groups that exceed 512 KB in size. (CLOUDCON-15132)
- In CX Contact Analytics, the behavior for the Last 24h filter is now corrected. When you apply the filter, records from the last 24 hours are filtered and displayed instead of records from midnight (for the current day). (CLOUDCON-14919)
- CX Contact now updates the content field in the NEXDR index, so that a correct message from the corresponding INFO, HELP, STOP, or FREEFORM event displays in the SMS/EMAIL Record Dashboard in CX Contact Analytics. Previously, the content field always included the text of the Initial Message. (CLOUDCON-14570)



## What's New

- On the Campaign Dashboard, the display of filter and list numbers in the upper-right corner of the affected cells now takes into account whether device escalation is enabled at the Campaign Group level. (CLOUDCON-14855)
- Campaign Dashboard statistics now take into account device escalation settings. (CLOUDCON-14854)
- When Campaign Groups are created using list automation, unsupported characters are now ignored, just like how they already were in the UI. (CLOUDCON-14853)
- The Complete if no more records check box is added to the campaign template settings. (CLOUDCON-14823)
- CX Contact now supports variable email templates, enabling a campaign group to send variable email messages based on userdefined fields and expressions. (CLOUDCON-14534)
- The number of email variable template tabs that can be created in the UI is now limited to 30. (CLOUDCON-14821)
- The exists filter is now supported when exporting CX Contact Analytics data using a list automation job. (CLOUDCON-14804)
- When applying filters to data, CX Contact now prioritizes panel-level filters over dashboard filters, if both filters are present. (CLOUDCON-14723)
- CX Contact Analytics now supports dashboard filters with the type querystring. (CLOUDCON-14650)
- The naming convention for export files from list automation jobs is now based on the tenant's time zone instead of GMT/ UTC. (CLOUDCON-14608)
- The header value \$GSW\_RECORD\_HANDLE is now supported in external pre-dial validation headers. (CLOUDCON-14595)
- In the main Campaigns view, Ctrl+click now switches to List view. (CLOUDCON-14593)
- When you create or edit a schedule now, the Global toggle allows you to switch between global and local time zones. (CLOUDCON-14541)

- An issue involving certain filter definitions in CX Contact Analytics is now resolved. (CLOUDCON-14890)
- An issue which caused the import of .zip files to CX Contact to fail in certain cases is now resolved. (CLOUDCON-14811)

- An issue with setting the dial mode configuration from the CX Contact UI is now resolved. (CLOUDCON-14736)
- An issue with the line feed character missing from the last record in export files from CX Contact Analytics is now fixed. (CLOUDCON-14698)
- In List Automation, when using the Crontab option for the Schedule, it is now required to select the time zone in which the Crontab should execute. This may cause the start time to change for any existing automation jobs. (CLOUDCON-14645)
- An issue which prevented sample data to be displayed in certain cases while importing a calling list is now resolved. (CLOUDCON-14519)
- CX Contact no longer displays an error when a campaign group that has more than one calling list is updated after applying a dialing filter to a calling list. (CLOUDCON-14499)
- For SMS and Email attempts in CX Contact Analytics and SMS/Email records, callResult is now set to Ok as soon as an attempt is
  made. If a timeout error is received within 24 hours, the value will continue to remain Ok instead of System Error, as there is no
  confirmation of delivery. Error messages are created to track events and the provideReceipt field is set to
  Unknown. (CLOUDCON-15063)

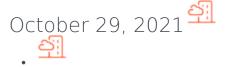


- When LIFO records are added and then filtered out during pre-loading, their **record\_status** is now changed from Retrieved to Cancelled. (CLOUDCON-14421)
- CX Contact Custom Compliance Rules now support priority settings. (CLOUDCON-14390)
- The Call History and Call Result indexes in CX Contact Analytics now include device mask information. (CLOUDCON-14389)
- The NEXDR and NEXCONV indexes in CX Contact Analytics are updated to allow the content field to be aggregated. (CLOUDCON-14381)
- CX Contact introduces the new Failed Compliance disposition value for pre-dial validation connection issues. (CLOUDCON-14363)
- Dial Manager now includes partition data for the NEXDR and NEXCONV indexes in CX Contact Analytics. (CLOUDCON-14335)
- CX Contact now has a Secure with encryption check box in the Export Job settings to enable the force encrypted/unencrypted export function. (CLOUDCON-14440, CLOUDCON-14308)
- The CX Contact Analytics SMS/Email Conversations index now includes the **providerUpdate** field to show the progress of email delivery statuses, such as OPEN, CLICK, and other events supported by the email provider. (CLOUDCON-14299)
- CX Contact now supports the Digital Signature Algorithm (DSA) and ElGamal user public keys for encryption. (CLOUDCON-14267)
- In CX Contact Campaign Dashboards, the Agent Group values in a Campaign Group can now be hidden. (CLOUDCON-14135)
- The CXC Settings > General > Lists > Default Region list now includes the regions supported by CX Contact. (CLOUDCON-14105)
- CX Contact users can now define Campaign Group names. Previously, Campaign Groups inherited their name from the Campaign Template. (CLOUDCON-14055)
- CX Contact users can now create Campaign Groups with Strict Compliance mode. (CLOUDCON-13567)
- CX Contact now supports SMS Variable Alerts, enabling a single SMS Campaign Group to send variable SMS content, based on user-defined fields and expressions. (CLOUDCON-12681, CLOUDCON-12680)

## **Resolved Issues**

• The CX Contact UI now shows only the **Drop** and **Connect to Destination DN** delivery options when campaigns are configured in IVR Dialing mode using a Route Point. (CLOUDCON-14377)

- The List Import Activity now includes entries for all List Automation processes. (CLOUDCON-14330)
- CX Contact's Import File List Automation no longer fails due to artifacts index overflow. (CLOUDCON-14328)
- SMS message personalization no longer fails when Contact Lists are created using splitting rules. (CLOUDCON-14325)
- CX Contact now supports importing semi-colon delimited input lists with headers. Previously, using semicolons in input lists caused importing errors. (CLOUDCON-14291)
- The Devicetimezone field in CX Contacts Analytics is no longer blank after running a Call Result report. (CLOUDCON-14232)
- CX Contact no longer displays an error when users manually add records to an email Suppression List. (CLOUDCON-14188)
- CX Contact no longer deletes and recreates Silence treatments after non treatment-related changes are made to Campaign Groups. (CLOUDCON-14110)
- In the **Outbound Analytics** dialog drop-down controls for customizable panels now only include relevant value types. (CLOUDCON-12503)



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Helm charts and containers

## For private edition

• Starting with this release, CX Contact is available for select customers in Genesys Multicloud CX private edition, as part of the Early Adopter Program. Deployments on OpenShift Container Platform (OpenShift) are supported. (CPE-2091)



## What's New

- You can now configure the connection timeout value in the validation server for External Pre-Dial Validation Rules. (CLOUDCON-14002)
- CX contact now supports non-standard Postgre SQL ports to assist with the Disaster Recovery solution. (CLOUDCON-13877)
- CX Contact now supports Genesys Configuration Server Single Tenant. (CLOUDCON-13797)
- Improvements to the CX Contact UI means that changes to settings and newly built campaign templates load much faster, with fewer delays. (CLOUDCON-13724)
- An improvement to the Outbound Analytics 'Export All' functionality increases its capacity. (CLOUDCON-13684)
- To optimize loading of the CX Contact Analytics Dashboards, the default time range has been changed from 'A month ago' to 'A day ago'. (CLOUDCON-13681)
- CX Contact now supports Customizable Attempt Rules where custom Java Script expression could be provided as an optional part of the Attempt Rule. (CLOUDCON-13569)
- A new index for SMS conversations is introduced in CX Contact Analytics. All outbound and inbound SMS/Email conversations are now stored in this index. Note that Email is currently reserved for future use. (CLOUDCON-13470)

• CX Contact now supports exporting Analytics Dashboards to PDF file and Analytics Dashboard Panels to PDF or CSV files for tablebased panels using Automation Jobs with the action type Export Analytics Data. (CLOUDCON-13386)

## **Resolved Issues**

- When selecting Custom Time Period in CX Contact Analytics, the CX Contact Dashboard now correctly displays the data. Previously, in this scenario, CX Contact Dashboard did not show any entries. (CLOUDCON-13984)
- When CX Contact runs suppression automation with the Append type "Append and Update" and uploads a list with 0 records, it no longer sets the number of suppression list records to 0. (CLOUDCON-13900)
- Configuration for External Pre-dial Validation Rules has been corrected and now works as expected. Previously, external pre-dial validation was not working after an upgrade to the 9.0.026.03 version of CX Contact. (CLOUDCON-13886)
- The CX Contact UI is improved by providing dynamic port allocation, enabling users to set Number of ports to 0 at the Campaign level. Previously, users could not set Number of ports to 0 at the Campaign level. Also, when users set Number of ports to 0 at the Campaign Template level, the Campaign Group did not inherit the 0 value from the template. (CLOUDCON-13830)
- CX Contact now correctly displays the originally specified label in List Automation with type 'Import file'. Previously in this scenario, CX Contact displayed the 'CXContactDefault' label (CLOUDCON-13746)
- Now, when a single record is edited in the CX Contact List Details view, changes are applied to that record only. Previously, when Search was used to find and edit a single record, CX Contact incorrectly applied the change to all records in that list. (CLOUDCON-13731)



## What's New

• CX Contact now disables edit boxes in the UI for **Stop** and **Help** keyword responses if the alphanumeric Sender ID is configured for an SMS Campaign Group. (CLOUDCON-13371)

- CX Contact now considers SMS Sender IDs and Email Domains as shared and displays them in the UI for active partitions. Previously, CX Contact did not consider SMS Sender IDs and Email Domains as shared in partitioned environments (not explicitly assigned to any partition) and they were not displayed in the UI, even if an active partition was selected. (CLOUDCON-13572)
- The CX Contact UI displays an error message when input files are found to have unsupported encoding during the upload process. Now, if the input file does not have UTF-8 encoding, CX Contact completes the imported job with status FAILED and displays the following error message: Unsupported input file encoding. (CLOUDCON-13553)
- When an API request is sent to cx-contact/v3/contact-lists/114/contacts-batch end-point to add a batch of records to a Contact List, CX Contact's internal object lock is now set correctly and no errors occur. Previously in this scenario, Error code 500 sometimes occurred, due to the internal lock expiring prematurely. (CLOUDCON-13533)
- CX Contact now preserves and correctly sets the Suppression List expiration property when new suppression entries are uploaded into the Suppression List during automation. Previously in this scenario, CX Contact did not preserve the Suppression List expiration property and it was incorrectly set to Today. (CLOUDCON-13494)
- In the List Details > Advanced view, CX Contact now correctly displays Contact Lists that are associated with labels defining Other21 and above fields. Previously, CX Contact displayed only details for the Other20 and below fields, regardless of the label associated with the Contact List. (CLOUDCON-13458)



- CX Contact users can now create Consent Lists containing contact information about customers who have consented to receive outbound calls, emails, or SMS messages. The key features of Consent Lists are as follows:
  - Consent contacts by device-Specify one or many devices for a contact.
  - · Consent contacts by Client ID-Specify a Client ID for a contact.
  - Use a single consent list for multiple Campaign Groups. (CLOUDCON-12947) **More info:**
- CX Contact now provides optional Sender ID-level suppression for SMS and Email channels, which is a more granular level of suppression than global (Tenant-level) suppression. (CLOUDCON-12556) More info:
- CX Contact now provides External Pre-Dial Validation, which enables you to add custom pre-dial validation step (a type of Compliance Rule) before, after, instead or along with standard CX Contact pre-dial validation. (CLOUDCON-6081) More info:
- Contact List fields Other19 and Other20 are now extended to support a maximum of 4096 characters. (CLOUDCON-12975)
- A new getDeviceAPI request enables users to obtain compliance data (such as time zone, country code, area code, landline/ mobile, DNC, etc.) for any given device phone number. (CLOUDCON-9614)
- A new panel in the Outbound Analytics > Device Import Details dashboard shows geographical distribution of the imported devices on the area map. (CLOUDCON-12682)
- CX Contact users can now change the Campaign Group's status to Enabled or Disabled on the Advanced tab in the Campaign Group dialog. (CLOUDCON-13343)
- CX Contact API now enables retrieval of information from the Outbound Analytics indexes using the /historydata family of endpoints. (CLOUDCON-13130)
- CX Contact now supports PostgreSQL v13 (CLOUDCON-13085) More info: https://docs.genesys.com/Documentation/System/latest/SOE/CXContact">https://docs.genesys.com/Documentation/ System/latest/SOE/CXContact">Supported Operating Systems Reference Guide
- CX Contact now supports Microsoft Edge Chromium browser, 2020 release. (CLOUDCON-12476) More info: https://docs.genesys.com/Documentation/System/latest/SOE/CXContact">https://docs.genesys.com/Documentation/ System/latest/SOE/CXContact">Supported Operating Environment Reference Guide

- Importing Contact Lists using Selection Rules with splitting (Split by Field) now works correctly, regardless of the Output Name Format being used. Previously, imports of this type worked correctly only if the %v format specification was used in the Output Name Format. (CLOUDCON-13408)
- UI Modification: CX Contact now displays disabled Campaign Groups in red, with a specific icon and disallows operations over those Campaign Groups. (CLOUDCON-13342)
- When importing Contact Lists, List Builder can now correctly detect the Contact time zone, based on the Contact zip code and country code. (CLOUDCON-13328)
- API Modification: When Contact Lists are associated with labels that define the **Other21** and above fields, CX Contact now correctly returns details for these user fields when executing the API request: GET /contact-lists/ {id} /contacts. Previously in this scenario, CX Contact incorrectly returned the details for only the **Other20** and below fields, regardless of the label associated with Contact List. (CLOUDCON-13115)
- Delivery options for Silence and Fax call results now display (if present) in CX Contact UI dialogs for Campaign Groups, Campaign Templates, and Dialing Profiles. (CLOUDCON-13088)

• CX Contact users can now delete treatments for Fax and Silence call results after set up. (CLOUDCON-13087)



## What's New

• When Partitioning is enabled, Outbound Analytics dashboards now display data only for the active partition. (CLOUDCON-12565)

## **Resolved Issues**

- In environments for which Partitioning is enabled, the Campaign UI now displays one Campaign Group after the user changes the active partition. Previously, the Campaign UI may have displayed several Campaign Groups instead of one. (CLOUDCON-13071)
- Campaign Groups for EMail and SMS media types are now created with the correct Destination DN, obtained from the Session Profile. Previously, such Campaign Groups for EMail and SMS media types, may have been created with no Destination DN. (CLOUDCON-13032)
- CX Contact sometimes failed to preload contacts that were added via API requests due to a violation of the primary key in auxiliary pre-loading table. As a result, Outbound Contact Server was unable to retrieve or process contacts until the affected Campaign Group was stopped, unloaded, and restarted. This issue is now resolved. (CLOUDCON-13012)



## What's New

- The new partitioning functionality allows the split of outbound objects in a tenant to logical sections (partitions). Different departments can now store objects under different partitions, so that administrators can only operate with objects (for example, campaigns and contact lists) belonging to their department. See for details. (CLOUDCON-3754)
- CX Contact now supports optional preprocessing of the input file before the List import is executed. (CLOUDCON-12140)
- API Modification: CX Contact now expects the where query parameter in the GET /contacts API request to be encoded with a Base64 format. (CLOUDCON-12473)
- In the Outbound Schedules dialog, CX Contact UI now supports a condition based on the statistical value in the sequential and instant Schedule commands. (CLOUDCON-12211)
- UI Modification: Campaign Dashboard statistics now account for cases when a Filtering Rule with a Selection Rule that has a WHERE statement is applied to a Campaign Group or to individual Contact List. (CLOUDCON-11411)
- In the List Automation Jobs output file, the name generation for patterns of type \_MMDDYYYY is now processed correctly. (CLOUDCON-12251)
- In the Outbound Analytics dialog dropdown controls for customizable panels now only include relevant value types. (CLOUDCON-12503)
- Negative values are now supported for the Selection rules expressions. (CLOUDCON-12617)
- Small exported \*.csv files are now handled correctly for List Automation Jobs of type Export Analytics.

(CLOUDCON-12642)

• Call Result Records dashboard in Outbound Analytics now contains the new Boolean field isFinal. (CLOUDCON-12785)

## **Resolved Issues**

- Contact list artifacts and import history are now limited to 100 entries. Previously, contact list artifacts and import history were not limited. (CLOUDCON-12810)
- When the Contact History dashboard is exported to a .csv file, data in the duration columns now appear in minutes. Previously, the data in the durations columns appeared in milliseconds. (CLOUDCON-12420)
- Suppression list artifacts and import history are now limited to 100 entries. Previously, suppression list artifacts and import history were not limited. (CLOUDCON-12816)
- The Contact List upload preview is now correctly displayed in the List Import dialog for CSV files. (CLOUDCON-12751)
- CX Contact statistics now considers records that have been filtered during pre-dial validation as "Retrying or Failed". Previously, these records were considered as "Delivered". (CLOUDCON-12906)
- An exported CSV file is now properly PGP encrypted. Previously, Outbound Analytics data exported to CSV by the List Automation Job, may not have been PGP encrypted, even if encryption for securing analytical output data was turned On in Settings/ Security. (CLOUDCON-12910)



## What's New

• Starting with this release, CX Contact is available in Genesys Engage cloud on Azure. (CLOUDCON-9446)

## Prior Releases

For information about prior releases of CX Contact, see CX Contact.