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Outbound Contact Deployment Guide

Deploying Do Not Call Functionality

5/11/2025

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This topic discusses the deployment of Do Not Call functionality.

Do Not Call Table Structure

The Do Not Call table has a fixed structure, as shown in the following table. The customer_id field, like the phone field, is part of that established structure. The Do Not Call table does not require Format and Field configurations. Genesys Administrator generates this table if the Table Access object is present, but the physical table does not yet exist.

Note:

If you manually add entries to the Do Not Call table, you must restart Outbound Contact Server (OCS) so that OCS can read the new records into its memory. Alternatively, OCS will pick up these updates upon next reread of the Do Not Call list, if OCS is configured for such rereads. For a description of this functionality, see [Rereading of the Do-Not-Call List](#).

Do Not Call Table Structure

Field Name	Type	Nullable
phone	varchar (64)	yes
customer_id	varchar (64)	yes
dnc_message	varchar (255)	yes
tenant_dbid	decimal (18, 0)	yes
campaign_dbid	decimal (18, 0)	yes
list_dbid	decimal (18, 0)	yes
is_internal	int	yes
time_stamp	int	yes

Note:

The phone field in 6.5 was changed to the contact_info field in the 7.0 Calling List table. The phone field is still in the Do Not Call List table.

User-Defined Field for Do Not Call

The restriction on dialing a particular customer is an alternative to the Do Not Call restriction applied to a particular telephone number. The ability to apply a Do Not Call request to a specific customer is helpful when the same phone number appears on more than one customer's records. For example, in a family or roommate situation, one member of the household might want to be on the Do Not Call list while another person at the same residence and with the same telephone number might not make that request.

The value of the `customer_id` option in the OCS Application object is the name of the field that the user designates for the customer identifier. At start-up, OCS reads all the records from the table referenced in the `gsw_donotcall_list` Table Access and populates two separate tables in memory with unique values from the phone field and from the `customer_id` field. Do Not Call requests from the agent desktop can also populate these tables in memory during runtime.

Configuration Procedure

Perform this procedure in Genesys Administrator to create a user-defined field to identify customers for a Do Not Call List.

This new field will serve as the `customer_id` for Do Not Call requests and will be included in the UserData attached to T-Server events.

As the value of the `customer_id` option in the OCS Application object, this field will correspond to the `customer_id` field in the Do Not Call (`gsw_donotcall_list`) table.

Creating a User-Defined Field to Identify Customers for the Do Not Call List

Start

1. Create a new user-defined field. On the Configuration tab, define the fields as follows:

- Name = <user-specific name>
- Data Type = varchar
- Length = 64
- Field Type = User-Defined

Also select the options Nullable and State Enabled.

2. Assign the `send_attribute` to on the Options tab by adding a default section. Define the fields as follows:

- Option Name = `send_attribute`
- Option Value = `GSW_CUSTOMER_ID`

3. Designate the new user-defined field as the `customer_id` option in the OCS Application object. In Genesys Administrator > Environment > Applications > OCS Application object > Options tab > OCServer section, create and define the `customer_id` option. Use the name of the new user-defined field as the value of `customer_id`.

- Option Name = `customer_id`
- Option Value = <name of new user-defined field>

4. Add the new field (defined in #1) to a new Format object. In Genesys Administrator, go to <Tenant> > Provisioning tab > Outbound Contact > Formats view, and create a new format for a Calling List table that includes the new user-defined field.

5. Configure a Table Access object for the gsw_donotcall_list.
In Genesys Administrator, go to <Tenant> > Provisioning tab > Outbound Contact > Table Access view, and create and configure a new Table Access object as follows:
In the Configuration tab, specify the following:
 - Name = gsw_donotcall_list (required field value.)
 - Table Type = Log Table
 - DB Access Point = <user-specific name of DB Access Point> The DB Access Point here is for gsw_donotcall_list.
 - Format = None
 - Database Table = <user-specific name of database table>
6. Create a Calling List object using the new format. In Genesys Administrator, go to <Tenant> > Provisioning tab > Outbound Contact > Calling Lists view, and configure a Calling List object as follows:
In the Configuration tab, specify the following:
 - Table Access: <New Calling List>
7. This is a new Calling List formatted with the customer_id field.

These configurations allow the customer ID to be inserted into Do Not Call requests, into the database table specified in the gsw_donotcall_list Table Access, and into the memory tables.

End

Updating the DNC List

Through Genesys Administrator, you can update a current DNC list with data from an external source. Genesys Administrator first reads data from an ASCII file, which is in comma-delimited format. The user then maps this data to the appropriate columns in the DNC list (database table).

The process to update or import data from an external source is composed of three steps:

1. Selecting the data file and type.
2. Assigning names to data columns.
3. Specifying data import options.

For detailed instructions, see *Framework Genesys Administrator Help* (Provisioning Your Environment > Outbound Contact Object Types > Do Not Call List > Importing a Do Not Call List File).

OCS-Desktop Protocol Changes for DNC

A Do Not Call (DNC) request from an agent (GSW_AGENT_REQ_TYPE = DoNotCall) includes an attribute to specify the customer_id: GSW_CUSTOMER_ID. At least one attribute (GSW_PHONE or GSW_CUSTOMER_ID) must be present in the UserData of the request if the GSW_RECORD_HANDLE is not specified.