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## API Reference

Query Customer Profile

# Query Customer Profile

## Important

**Prerequisites:** You need to **enable** profiles in UCS.

**GET /profiles/\${customer\_id}**

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## Description

Queries the Customer Profile based on the customer ID parameter. According to the query's fields, your application can retrieve profile and extension attributes in addition to the identified customer ID. The response always contains all attributes of the customer profile resource, and all attributes of the specified extensions, to avoid ambiguity in further updates (see [Update Customer Profile](#)).

### Important

To get the schema of the profile and extension attributes, use the [Query Profile Schema](#) operation.

## Operation

**Prerequisites:** A Customer Profile Schema (a list of [Attribute Schema](#)) is available.

<b>ID</b>	CV.WS.PROF.1		
<b>Method</b>	GET		
<b>URL</b>	/profiles/\${customer_id}		
<b>Field Name</b>	<b>Type</b>	<b>Mandatory</b>	<b>Description</b>
<b>URI Parameters</b>			
\${customer_id}	string	yes	Specified in the URI, the ID of the customer.
extensions	string	no	The list of extensions to return within the result. Your application can specify multiple extension names, separated with comas. For instance: <i>extensions=contacts,purchases</i>

## Response

The Context Management Service API answers with HTTP codes for every request. The following table shows the correct response for a successful request. See [\[\[HTTPResponseCodesandErrors| HTTP Response Codes and Errors](#) for further details on the possible codes that this operation can return.

## Response

<b>HTTP code</b>	200		
<b>HTTP message</b>	OK		
<b>Field Name</b>	<b>Type</b>	<b>Mandatory</b>	<b>Description</b>
<b>Body:</b> Customer Profile. The returned result contains parts of the profile or the complete profile according to the parameters of the request. See <a href="#">Customer Profile</a> for further information on the resource.			
customer_id	string	yes	The unique ID of the given customer. Limited to 16 characters.
<attribute n>	<ul style="list-style-type: none"><li>string</li><li>datetime</li></ul>	yes	Customer attributes, where <b>&lt;attribute n&gt;</b> is the attribute name. See <a href="#">the configuration options</a> for further details. Attributes are not part of a separated array, see the example below.  The date/time formats are <a href="#">ISO 8601</a> : [YYYY] - [MM] - [DD]T[HH] : [mm] : [ss] . [SSS]Z.
<extension n>	<a href="#">Extension</a> or <a href="#">Extension[]</a>	no	By default, no extension is returned. The returned extensions are specified in the parameters of the request. For further details, see <a href="#">Extension</a> .

&lt;references /&gt;

## Example

For example, the customer profile (id=0004Va58A92T0017) has three attributes: "name", "birthdate" and "EmailAddress". This profile also has two defined extensions:

- contacts: one or more phone numbers (a multi-valued extension).
- preferences: a single-valued extension representing customer preferences for receiving a weekly newsletter, receiving notification of new offers, and the desired email type.

## Operation

```
GET /profiles/0004Va58A92T0017?extensions=contacts,preferences
```

## Result

```
200 OK
{ "customer_id": "0004Va58A92T0017 ",
  "name": "Doe, John",
```

```
"birthdate": "1976-05-10",
"EmailAddress": [
  "john.doe@genesyslab.com",
  "jd34@hotmail.dom"],
"contacts": [
  {"phone": "408-555-1234", "ext": "1234"},
  {"phone": "408-832-7712"} ],
"preferences": { "newsletter": "y", "new_offers": "n", "email": "html" }
}
```