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## API Reference

[Update Customer Profile](#)

# Update Customer Profile

## Important

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

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

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## Description

Overrides the attributes of the customer profile: prior attribute values are lost and replaced with the attribute list specified in the body of the request. This operation uses the standard convention for HTTP PUT, which requires you to update the profile with the complete profile to avoid losing information. Your application should use this operation in conjunction with the [Query Customer Profile](#) operation:

1. Query the Customer Profile,
2. Modify the Customer Profile data,
3. Update the Customer Profile.

Extensions can be part of the profile used for the update:

- If your application does not include any extensions in the body, no modification occurs on extensions.
- If your application specifies extension values, extension information is overridden. Your application must specify the complete extension set to avoid losing data.

## Operation

### Prerequisites

- The profile schema exists (see [Query Profile Schema](#)).
- Your application retrieved the Customer Profile (see [Query Customer Profile](#)).

|                                                                                                                                                                                                               |                                                                             |                  |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>ID</b>                                                                                                                                                                                                     | CV.WS.PROF.2                                                                |                  |                                                                                                                           |
| <b>Method</b>                                                                                                                                                                                                 | PUT                                                                         |                  |                                                                                                                           |
| <b>URL</b>                                                                                                                                                                                                    | /profiles/\${customer_id}                                                   |                  |                                                                                                                           |
| <b>Parameter</b>                                                                                                                                                                                              | <b>Type</b>                                                                 | <b>Mandatory</b> | <b>Description</b>                                                                                                        |
| <b>URI Parameters</b>                                                                                                                                                                                         |                                                                             |                  |                                                                                                                           |
| \${customer_id}                                                                                                                                                                                               | string                                                                      | yes              | The ID of the customer. Limited to 16 characters.                                                                         |
| <b>Body:</b> The customer profile information <ref>The complete <a href="#">Customer Profile</a> representation, compliant with the defined profile schema (see <a href="#">Query Profile Schema</a> ).</ref> |                                                                             |                  |                                                                                                                           |
| customer_id                                                                                                                                                                                                   | string                                                                      | yes              | The unique ID of the given customer.                                                                                      |
| <attribute n>                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>• string</li><li>• datetime</li></ul> | yes              | The complete set of customer attributes, where <attribute n> is the attribute name. See <a href="#">the configuration</a> |

| ID            | CV.WS.PROF.2                             |    |                                                                                                                                                                                                                                                                                                                           |
|---------------|------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                                          |    | <p><b>options</b> for further details. The date/time formats are <b>ISO 8601</b>: [YYYY] - [MM] - [DD]T[HH]:[mm]:[ss].[SSS]Z.</p> <p>Attributes will be overridden. This representation must contain all the profile attributes' values, including those that weren't modified.</p>                                       |
| <extension n> | Profile Extension or Profile Extension[] | no | <p>Extensions, where &lt;extension n&gt; corresponds to the unique name of the profile extension resource.</p> <p>If you specify extensions, extensions are overridden. If you wish to modify an extension value, this representation must contain all the profile extensions, including those that weren't modified.</p> |

## 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 [HTTP Response Codes and Errors](#) for further details on the possible codes that this operation can return.

| Response     |     |
|--------------|-----|
| HTTP code    | 200 |
| HTTP message | OK  |

## Example

The following example assumes that:

- FirstName, LastName, DOB are existing attributes.
- Address is an extension.

### Operation

PUT <http://ucsserver.mycompany.com:8080/path/profiles/00027a52JCGY000M>

## Update Customer Profile

---

Content-Location /profiles/00027a52JCGY000M

Content-Type: application/json

```
{
  "FirstName": "Bruce",
  "LastName": "Banner",
  "DOB": "1962-05-10",
  "EmailAddress": [
    "bruce.banner@marvelous.com",
    "b.banner@hulk.dom"
  ],
  "Address": { "Type":1, "Address":"21 JumpStreet", "City":"Hollywood",
    "County":"Santa Barbara", "PostCode":"555", "Country":"United States" }
}
```

### Result

The above representation is now the profile of the customer whose id is 00027a52JCGY000M.

HTTP 200 OK

[]