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## API Reference

### Profile Attribute Schema

# Profile Attribute Schema

## Important

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

**Purpose:** Describes a Profile Attribute schema.

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## Description

Describes a Profile Attribute. Each attribute field of the profile corresponds to a recorded schema which details the attribute name, type, and content. Select in "Tenant" the item *specific configuration*, and under "Business Attributes" 'Contact Attributes'. Then, create a new Business Attribute Value. By default the new Attribute is of type string. To assign another type to the schema, in Annex, create a section "settings", and a key "type" with value "string" or "date".

## Predefined Attributes Schema

Default Attributes visible in the Configuration Server are the following:

- First Name (string)
- Last Name (string)
- Phone Number (string)
- E-mail Address (string)
- Title (string)

Default 'internal' Attributes (not visible in the Configuration Server) are the following:

- LastCalledAgent\_EmployeeID (string)
- LastCalledAgent\_TimeStamp (date)
- PreferredAgent\_EmployeeID (string)

Additional attributes are available for each active media defined in the Business Attribute "Media Type" of the Configuration Manager:

- LCA\_EmplID\_<media> (string)
- LCA\_TimeStamp\_<media> (date)
- Pref\_EmplID\_<media> (string)

Attributes of type date/time are formatted in UTC ISO 8601: "yyyy-MM-dd'T'HH:mm:ss.SSS'Z'"  
Example: "1981-03-17T02:00:00.000Z"

## Resource

Field	Type	Mandatory	Description
name	string	yes	The name is unique for each attribute within the given profile.

Field	Type	Mandatory	Description
			<ul style="list-style-type: none"> <li>Starts with a letter, and can be followed with letters, numbers, or underscores.</li> <li>Is restricted to a maximum of 30 characters (Maximum <b>RDBMS</b> shared limit)</li> </ul> <div> <b>Important</b>  In profile attribute schemas, the name is <b>not</b> case-sensitive. </div>
type	token	yes	<p>The attribute type, which can be one of the following types:</p> <ul style="list-style-type: none"> <li>Boolean</li> <li>String</li> <li>Integer</li> <li>Long</li> <li>Double</li> <li>Date</li> <li>DateTime</li> <li>Currency</li> </ul> <p>Notes:</p> <ol style="list-style-type: none"> <li>The constraints on these types (the minimum and maximum values supported for the integer type) vary with the <b>RDBMS</b>.</li> <li>Customer profiles are built on top of UCS' Contact Attributes, and support only String and DateTime attribute types. However, all attribute types are supported for profile extensions.</li> </ol>

Field	Type	Mandatory	Description
default	numeric or string	no	Provides a default value for the attribute. For numeric attributes, you do not need quotation marks. Quotation marks are for string, date, and datetime attributes. By default, the date/time format is <b>ISO 8601</b> UTC: [YYYY] - [MM] - [DD]T[HH] : [mm] : [ss] . [SSS]Z.
length	integer	no	Reserved to attributes of type String. Defines the maximum number of characters for the string. <ul style="list-style-type: none"><li>• Default length is 256;</li><li>• Maximum length is 4000.</li></ul>
encrypt	Boolean	no	<ul style="list-style-type: none"><li>• <code>false</code> by default.</li><li>• <code>true</code> if the server must encrypt the attribute value before saving it to the UCS database.</li></ul>
mandatory	Boolean	no	<ul style="list-style-type: none"><li>• <code>false</code> by default;</li><li>• <code>true</code> if the attribute is mandatory when inserting a new Profile Extension record.</li></ul>

## Related Operation

- [Query Profile Schema](#)